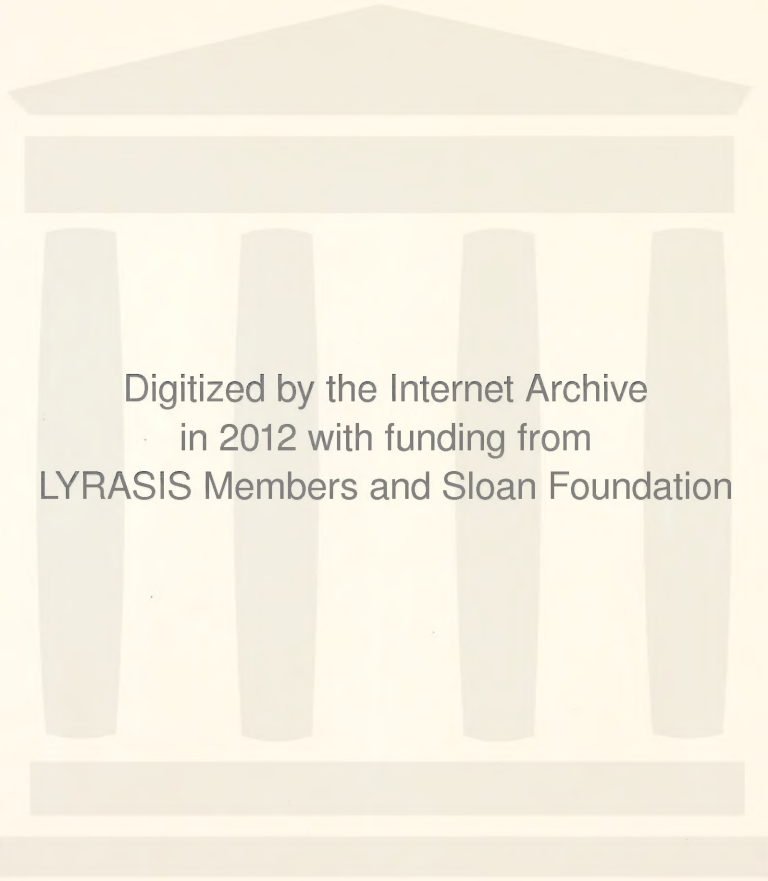


PENNSTATE



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INTERCOM

August 24, 1989

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Information submitted for publication in *Intercom* is due by noon on the Thursday before publication.

Alumni Association executive director is appointed

Peter B. Weiler, director of alumni relations at the University of Vermont, has been named assistant vice president and executive director of the Penn State Alumni Association, effective Oct. 1.

His appointment, announced jointly by President Jordan and Alumni Association President Cynthia Baldwin, culminates a four-month national search for an executive director. Mr. Weiler's predecessor, William J. Rothwell, resigned on April 1 to become vice president for development and alumni at the University of Louisville.

"We're delighted that Peter Weiler has accepted the challenge of this key position at Penn State," Dr. Jordan and Ms. Baldwin said. "He is a strong, energetic leader. He brings an impressive range of diverse higher education experience that will benefit the nationally recognized Alumni Association as it prepares for the demands of helping to strengthen one of America's premier public universities in the 1990s and beyond."

He will direct the second largest university alumni association in North America. With 110,000 members, the Penn

State Alumni Association ranks behind only the University of Illinois in total membership.

Mr. Weiler will report directly to G. David Gearhart, senior vice president for development and University relations, and will serve as a senior staff member of the Division of Development and University Relations.

"We're looking to Mr. Weiler for initiatives in several priority areas," Dr. Gearhart said. "While we expect continued growth in membership, we want quality to become the hallmark of the Alumni Association in everything that it does."

Speaking to his priorities for the Alumni Association, Mr. Weiler said, "We face the challenge of demographics. The recent Gallup poll indicates that time is the greatest barrier to increased participation from our alumni. So we may have to orient ourselves more to the concerns and priorities of the Baby Boom generation, if we are to find effective ways of involving our younger alumni in the life of the University."

"At the same time, we want to ensure



Peter B. Weiler

that the Alumni Association is doing everything possible to support Penn State's agenda for cultural diversity. Recent studies

predict that, in a decade, more than a third of the nation's schoolchildren will be minorities, and we have to involve a far greater proportion of these underrepresented people in higher education generally and at Penn State particularly. Alumni can do much to help make that happen."

He has been director of alumni relations at the University of Vermont since July 1988, heading an organization that serves 50,000 alumni.

From April 1987 to June 1988, he was major gifts officer in the development office at Vermont.

He worked in student services at the University of California, Los Angeles, from 1979-86, successively as assistant director of orientation programs (1979-80) assistant dean of students (1980-86) and associate dean of students (1986).

He earned a B.A. in psychology from the University of Vermont in 1977 and an M.Ed. in higher education administration from Vermont in 1979. He pursued graduate work part time in UCLA's higher education program from 1983-85.

New television program designed to teach literacy in the workplace

A new television literacy training program designed by Penn State for teaching literacy in the workplace was unveiled at University Park Aug. 17 by Ellen Casey, first lady of Pennsylvania.

Titled "On Your Own," the program is a 33-lesson basic literacy skills course in reading, writing, grammar and mathematics for adult workers. The course is the video component of a project titled "Workforce Basic Skills Training Through Television," which includes textbooks and utilization by employers.

The "On Your Own" series will premiere Oct. 2 on PENNARAMA, an educational cable service managed by Penn State, and is expected to reach 750,000 households through 27 cable systems throughout Pennsylvania. Eventually, the course will be

made available nationwide through Prentice Hall Regents.

The broadcasts and their use in the workplace are made possible by the Ben Franklin Partnership Program of Pennsylvania and Mellon Bank Central. Production of the "On Your Own" video series is a joint project between Cambridge Adult Education/Prentice Hall Regents and Penn State.

The series was produced by the Center for Instructional Design and Interactive Video, WPSS-TV, in association with Penn State's College of Education.

The principal content consultants were Eunice N. Askov, director of the Institute for the Study of Adult Literacy in the College of Education, and Nancy C.

(Continued on page 7)

At Ogontz Campus Bernoff to return to teaching

Robert A. Bernoff, Ogontz Campus executive officer, has announced his intention to return to his former position on the chemistry faculty, effective Dec. 31.

"Dr. Bernoff's administrative skill will be missed in the important leadership position of campus executive officer," President Jordan said. "We are delighted, however, that he will continue his service to the University as professor of science and general chemistry."

Dr. Bernoff joined the Ogontz faculty in 1962. He served as coordinator of the campus' science department and served on numerous committees, including the University Planning Task Force, for the '80s.

In 1977 he was recipient of the Ogontz Campus Outstanding Teaching Award for his "creative, dynamic and challenging

approach to teaching...which inspires students and faculty alike to perform at their very best." Earlier, in 1965, he was named Chief Ogontz by the Student Government Association for his extraordinary contributions to student life.

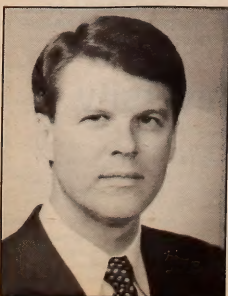
When former campus director Charles Smith retired in 1979, Dr. Bernoff was asked to fill the position on an interim basis. He was formally appointed by the University Board of Trustees a few months later.

During his tenure as CEO, Dr. Bernoff has retained his ties to the classroom by teaching at least one course a year. He has directed projects for the National Science Foundation and workshops on teaching techniques for the Department of Defense Dependents Schools in Europe and Japan.

(Continued on page 7)

Chemist will give Joseph Priestley Lectures

Peter B. Dervan, Bren professor of chemistry at the California Institute of Technology, will present the 1989 Joseph



Peter B. Dervan

Priestley Lectures in Chemistry Aug. 29 through Sept. 1 at University Park.

The series of four lectures, titled "Sequence-Specific Recognition of DNA: A Design/Synthesis Approach," are sponsored by the College of Science and are open to the public free of charge.

The lecture schedule is as follows: "Sequence-Specific Recognition of Double Helical DNA by Triple Helix Formation," 8 p.m. Tuesday, Aug. 29, 117 Osmond Laboratory; "Sequence-Specific Recognition of DNA in the Minor Groove," 8 p.m. Wednesday, Aug. 30, 117 Osmond; "Design and Chemical Synthesis of Sequence-Specific DNA Cleaving Proteins," 8 p.m. Thursday, Aug. 31, 117 Osmond; and "Nonenzymatic Sequence-Specific Chemical Cleavage of DNA," 12:30 p.m. Friday, Sept. 1, S-5 Osmond.

A member of the National Academy of Sciences and a Fellow of the American Academy of Arts and Sciences, Dr. Dervan also has been honored with an Alfred P. Sloan Research Fellowship, a Camille and

Henry Dreyfus Teacher-Scholar Grant, and a Guggenheim Memorial Fellowship.

Dr. Dervan, who currently is Alexander Todd visiting professor of chemistry at the University of Cambridge, England, joined the California Institute of Technology faculty in 1973. He holds a bachelor's degree from Boston College and a doctoral degree from Yale University.

The Priestley Lectures are named in honor of Joseph Priestley, the 18th-century chemist who discovered oxygen, and were established by the late Professor Wheeler P. Davey in 1926.

Diversity is the focus of a special insert included in this edition of INTERCOM.

Remick to be named NRC commissioner

President George Bush has announced his intention to nominate **Forest J. Remick** to be a member of the Nuclear Regulatory Commission for the term of five years expiring June 30, 1994. He would succeed Lando W. Zach Jr.

Currently, Dr. Remick serves as associate vice president for research and professor of nuclear engineering. Previously, he served as director of the Office of Policy Evaluation at the Nuclear Regulatory Commission and administrative judge for the Atomic Safety and Licensing Board Panel at the U.S. Nuclear Regulatory Commission.

In addition, he has served in several positions at the University, including coordinator of University energy programs, associate professor of nuclear engineering, director of intercollege research programs and facilities and assistant vice president for research and graduate studies.

He received B.S., M.S. and Ph.D. degrees from Penn State.

The Campaign for Penn State

Memorex Telex Corp. donates computer equipment

Memorex Telex Corp., the world's largest plug-compatible supplier of computer equipment and accessories, has donated equipment valued at \$450,000 to broaden the University's administrative computer services.

The gift consists of 400 display stations and 20 printers. The equipment will expand the University's business computing network by about 20 percent, according to Kenneth Blythe, administrative computing director.

"This gift comes at an opportune time, because we're already in the process of

automating our business operations," Mr. Blythe said. "The equipment will help us extend our new Integrated Business Information System to more faculty and staff than would otherwise have been possible."

The terminals supplied by Memorex Telex will give Penn State's principal investigators more timely information about the financial status of their research projects.

"Our firm knows the strategic value of information systems," said Harry Eberly, executive vice president of Memorex Telex

of Raleigh, N.C. "We realize that, like business, higher education needs technological innovation to remain competitive. We also realize the importance of public/private partnerships, especially in the field of education."

Mr. Eberly added that Memorex Telex "has long supplied much of the equipment for Penn State's administrative information systems, so our gift continues a solid partnership with the University."

Mr. Eberly, a 1945 graduate of the University, is a volunteer leader in The Campaign for Penn State, a six-year effort

to raise \$300 million in private support for academic programs. He heads the Campaign's regional major gifts effort in the Southeastern states.

The gift from Memorex Telex is part of the Campaign, which has surpassed \$270 million and will end on June 30, 1990.

Memorex Telex, which had revenues of more than \$2 billion last year, operates in 27 countries and has distribution links in 50 more. Among its products are disk and tape storage devices, terminals, intelligent workstations and systems and computer supplies.

Amoco provides gift

Amoco Foundation Inc. has given \$100,000 in 1989 to support a variety of academic programs at the University.

The College of Earth and Mineral Sciences will receive \$89,300. The C. Drew Stahl Center for Enhanced Oil Recovery, which studies techniques for increasing the productivity of oil wells, will get \$40,000 for equipment purchases. The foundation is the largest single supporter of this program.

The college's Petroleum and Natural Gas Engineering Program will get \$25,800 for two graduate fellowships, and \$20,000 will be used for a fellowship in the Polymer Science Program.

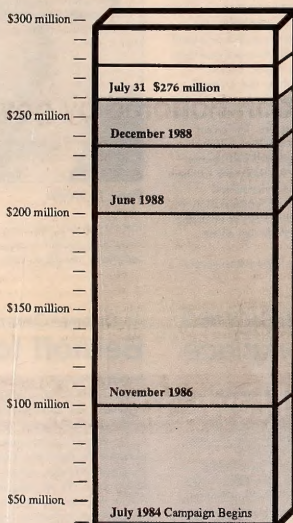
The remaining funds will be used for minority scholarships, faculty research and miscellaneous programs in the colleges of Engineering and Business Administration.

"Including these latest gifts, the Amoco Foundation has made philanthropic grants totaling more than \$1 million to Penn State over the last decade. We're proud of our partnership with Amoco and look forward to continuing our mutually productive relationship," William C. Richardson, University executive vice president and provost, said.

The Amoco Foundation is sponsored by the Amoco Corp., a Fortune 500 company that is an international producer of petroleum products, chemicals and plastics.

The foundation designates half of its annual budget to support higher education, with the largest portion targeted to programs in science and engineering that will increase the number of Ph.D. graduates.

CAMPAIGN FOR PENN STATE Progress Toward \$300 Million Goal



New Kensington, McKeesport get gift

Pittsburgh-based Beazer Materials and Services Inc./Koppers Company has given \$75,000 to be divided equally between a scholarship endowment at Penn State McKeesport Campus and a building fund and endowment at Penn State New Kensington Campus.

"Our Pittsburgh-area campuses serve more than 2,900 students, and are important resources for business and industry in the region," the two campus executive officers said in a joint statement.

"It is encouraging that Beazer has a genuine appreciation of the challenge facing public higher education today, and of the role our campuses play in the economic

development of the region," added Cash Kowalski, McKeesport Campus, and Robert Arbuckle, New Kensington Campus.

The gift to the New Kensington Campus was part of a drive to secure \$1 million for a new Science and Technology Center, scheduled for completion by late August. The facility will contain seven combination laboratory-classrooms for instruction in computer applications for engineering disciplines, and four offices.

The company's gift to the McKeesport Campus is part of a drive to raise \$500,000 for endowed scholarships. The awards will support local students who are academically gifted.

Marriott makes gift for production kitchen

The J. Willard Marriott Foundation of Washington, D.C., has committed \$500,000 to help build a state-of-the-art production kitchen in the School of Hotel, Restaurant and Institutional Management.

"Our facilities are too small, and our equipment is outdated," H.A. Divine, director of the school, said. "This gift will play an important role in our plans to update our facilities as we continue to prepare students for leadership roles in the corporate sector."

Included in the school's plans for major renovations are a new test kitchen for food preparation equipment, a dining room, a special demonstrations auditorium, a

microcomputer laboratory, a library/instructional technology center, offices and classrooms.

The foundation was created by J. Willard Marriott of Utah, who formed the Marriott Corp. in 1926. The company has worldwide operations in airline food catering, hotels and restaurants.

The University has allocated \$1.5 million toward the estimated \$7.5 million cost of the renovations, and private support will provide the remaining funds.

The Marriott Foundation commitment is part of The Campaign for Penn State, a six-year effort to raise \$300 million in private support for academic programs.

MacArthur Foundation awards grant to University

The John D. and Catherine T. MacArthur Foundation has awarded the University a \$250,000 grant to initiate a feasibility study for the establishment of a private center dedicated to finding ecologically sound ways of promoting sustainable development in South America's Amazon Basin.

The center, to be based in Belem, Brazil, would serve as an intermediary between international funding agencies, national and regional policymakers, and regional resource use specialists.

The project is under the direction of Christopher Uhl, associate professor of biology in the College of Science. Dr. Uhl, a specialist in the study of rainforest ecology who has worked in the Amazon for 15 years, said, "We don't think it's productive any longer to talk about the destruction of the rain forest. There are plenty of people doing that. We don't need to add to that clamor. But there really is a need for people to act in the middle, act as catalysts and really look for solutions."

"The proposed center will be very

solution oriented, very consensus oriented. One focus will be on ways of promoting sustainable development and the other will be policy analysis."

"The specific agenda of the center will be defined by the Brazilians," he added.

Dr. Uhl expects to hire four or five Brazilian professionals to staff the center. He will be aided by Irma Vieira, a Brazilian ecologist at the Goeldi Museum, and David G. McGrath, a geographer at the University of New Mexico. The center also will provide internships for five Brazilian

master's level students each year. The students would gain experience in policy analysis and environmental education.

In addition to his work on the proposed center, Dr. Uhl is conducting a two-year study of the ecological and economic effects of Amazon logging and is evaluating the potential of alternative timber management approaches. The logging study is supported by a \$167,000 grant from the W. Alton Jones Foundation.

In School of Communications

Salzberg named Alumni Fellow

Lyn Salzberg, senior vice president-management supervisor with Saatchi & Saatchi's DFS Compton office, will visit University Park as an Alumni Fellow Sept.



Lyn Salzberg

5-10 to share her knowledge with students and faculty in the School of Communications.

She is among the Alumni Fellows invited to the University this fall. The University has awarded Alumni Fellow status to 192 graduates since 1973.

Mrs. Salzberg has worked with Saatchi & Saatchi, the world's largest advertising agency, at its New York, N.Y., DFS Compton office since graduating from Penn State with a B.A. in Journalism in 1956.

Originally in the media department, she later joined the accounts group, where for the past 20 years she has handled such accounts as Skipper Peanut Butter, General Mills, Procter & Gamble, and Leggs Products.

She is a member of the School of Communications' Alumni Society and National Advisory Board of Visitors. A volunteer with several efforts for the homeless, the elderly, and psychiatric patients, she is working on a master's in counseling at Fordham University.

Obituaries

Ralph Ream, janitorial worker-ambulance driver, University Health Services, from Sept. 1, 1956 until his retirement, Oct. 7, 1972, died Aug. 5 at the age of 80.

Norwood A. Hedden, assistant to the vice president for business, from July 1, 1930, until his retirement Oct. 10, 1968, died Aug. 3. He was 81.

Elwood G. Houtz, residence hall preventive maintenance worker in Housing and Food Services, from Sept. 29, 1970,

until his retirement Oct. 1, 1981, died July 31 at the age of 69.

Ewald Wiese, janitor, Ogontz Campus, from Jan. 16, 1956, until his retirement Sept. 16, 1967, died July 14. He was 86.

Albert L. Williams, assistant building superintendent, Student Affairs, from March 22, 1955, until his retirement March 1, 1976, died July 20 at the age of 75.

Mildred Cibik, laundry technician, Hershey Medical Center, from Feb. 28, 1972, until her retirement Jan. 1, 1985, died July 31 at the age of 64.

Carpoolers

Ed is looking for drivers to join his carpool from Houtzdale to University Park from 8 a.m. to 4:30 p.m. Call 865-0434 or 378-8954.

Elizabeth is looking for a ride from Phillipsburg to University Park. Work hours are from 6:30 a.m. to 3 p.m. Call 342-2478 after 4 p.m.

Vanpool is looking for riders from Houtzdale to University Park. Work hours are 8 a.m. to 5 p.m. Call 378-5391 or 865-4651.

Wayne is looking for a 4th rider from Lock Haven to University Park. Call 863-0837 or 717-748-2640.

Fulbright grant

M. Dean Fenton, lecturer in computer science, is the winner of a Fulbright grant for the 1989-1990 academic year.

Dr. Fenton will travel to Liberia, West Africa, to assist with the development of the country's first computer laboratories.

He will spend time consulting and teaching at the University of Liberia and will set up labs, develop and teach upper-level computer courses, and explain the feasibility of cooperative education programs at Cotington University College. He also will consult business and research institutes on computer uses.

Dr. Gordon honored by government of Venezuela

Richard L. Gordon, professor of mineral economics, has been awarded the Order of Andres Bello, first class, by the government of Venezuela.

Dr. Gordon received the award from Gustavo Roosen, Venezuelan Minister of Education, during a dinner held at the meeting of the International Association of Energy Economists in Caracas.

The Order of Andres Bello, named for the South American poet and scholar regarded as the intellectual father of South America, is presented for distinguished service to education and culture and is only

rarely awarded to foreigners. Bellos served both the Venezuelan revolutionary government and the Chilean and Colombian governments during the early 19th century and was the founder of the University of Chile.

Dr. Gordon has been teaching and doing research on energy economics at Penn State since 1964. He specializes in coal economics and has written six books and numerous shorter works on coal, electric power and other energy and mineral problems.

In 1989 he received the University's highest academic honor, the Penn State

Faculty Medal, in recognition of his scholarly achievements.

He received an A.B. in economics, magna cum laude, from Dartmouth in 1950 and a Ph.D. from the Massachusetts Institute of Technology in 1960. He is a member of the American Institute of Mining, Metallurgical and Petroleum Engineers, the International Association of Energy Economists, the American Economic Association, the Royal Economic Society and the Econometric Society.

News in Brief

Altoona center opens

The Computer and Learning Resources Center, a 13,000 square foot addition to the Robert E. Eiche Library at Penn State Altoona Campus, officially opened Aug. 17.

"This new facility has allowed us to consolidate all our computer resources in one efficient location for use by both students and faculty," James A. Duplass, campus executive officer, said. "This permits us to provide students with more individualized instruction as we introduce computer-based instruction into our composition, reading, and math classes. Classrooms that have previously held the computer equipment will be returned to use as much-needed, general classrooms."

In addition to three computer labs, the two-story building contains a Learning Resource Lab (which coordinates tutoring, independent study activities, and supports computer-based instruction), an open access computer area, ten faculty offices, administrative and secretarial offices, and 3,200 square feet of unfinished storage space.

Adviser sought

The Byzantine Catholic Student Ministry Organization at University Park is looking for a faculty adviser. The prospective adviser should be a Byzantine Catholic or the Ruthenian, Ukrainian, Melkite, or Romanian jurisdictions. If interested, please contact the Eisenhower Chapel office at 865-6548.

Research volunteers needed

Volunteers are needed for a research study evaluating effects of sports' drinks on resting and exercise variables. Men 25 to 35 years old interested in free

medical examination, exercise tolerance test, and body composition assessment should contact Lu-Ann Beckman at 863-0525, 8 a.m. to 4 p.m., or 234-1162 after 5 p.m.

'Policies and Rules for Students'

The 1989-90 Policies and Rules for Students will be distributed in a different fashion this year. In the past, individual copies were mailed out to faculty and staff.

A survey during Spring 1989 found that 42.7 percent of the 2,143 faculty and staff respondents had not used their copies during Fall Semester 1988. At the same time, our supply of *Policies and Rules* was exhausted by mid-spring.

In order to reduce waste and maximize the number of copies available to students, we are asking faculty and staff who need a copy to pick up one from one of the following locations: their academic unit office, their College Advising Center, their college dean's office, Pattee Library, the information desks in the HUB, Kern and Boucke, or from the Campus Life Assistance Center.

Family orientation

The Returning Adult Student Center is presenting a family orientation for new adult University Park students from 2 to 5 p.m. Sunday, Aug. 27, in the McAllister Interview Center at University Park.

Spouses, family, and friends are encouraged to join the new students. Children ten and older are invited to participate in the scheduled events. Child care will be provided for children nine years and younger. A special reception will be held at 4:30 p.m. for all children and family members. The program will provide an

opportunity for new undergraduate and graduate students and families to network with each other and to obtain information about University services. For more details or to reserve your space at the orientation session, please call the Returning Adult Student Center, 863-3887, or drop in at 323 Boucke Building.

Telephone skills workshop

Continuing Education will offer a workshop on effective telephone communication skills, designed to improve practices of employees who must spend a large part of their time on the phone.

The workshop will be held from 8:30 a.m. to 3:30 p.m. Thursday, Oct. 19, in the Keller Conference Center at University Park. The registration fee is \$85.

It is designed for University secretaries, receptionists, telephone solicitors, telephone researchers, hotel and residence hall desk clerks, and others who must deal with the public.

For more information, contact the Continuing Education Office at (814) 865-3443.

Flak-catchers workshop offered

Flak-catchers is the name often given to persons who come under fire from students, customers or the general public demanding immediate answers to questions or resolutions to problems over which the flak-catcher may have limited control.

Penn State Continuing Education will offer a flak-catchers workshop designed to help participants develop a number of strategies to deal with "flak." The workshop is designed for University

secretaries, receptionists, police, hospital personnel, hotel and residence-hall desk clerks, physical plant employees, or any person responsible for customer relations.

The workshop will meet from 8:30 a.m. to 3:30 p.m. Friday, Sept. 29, in the Keller Conference Center at University Park. The registration fee is \$85. For more information, contact the Continuing Education Office at 865-3443.

Visiting professor

Banghua Yin, visiting professor from China, will spend the coming academic year in the Nuclear Engineering Department. Dr. Yin is an associate professor in the Energy and Power Engineering Department at Xian Jiaotong University, an institution of 12,000 students in northwest China's Shaanxi province.

He plans to spend his year at Penn State studying reactor fuel management optimization, Nuclear reactor physics and neutron transport theory. Dr. Yin's area of specialization.

Center awarded grant

The Center for Educational Assessment in the College of Education has been awarded a \$112,000 grant from the U.S. Department of Education to evaluate student assistance programs in 60 school districts across Pennsylvania.

John Swisher and Stanley Baker, professors of counselor education, will head the study in coordination with the Pennsylvania Drug and Alcohol Section of the Department of Education.

University faculty, staff members receive awards

Beaver Campus award

James J. Reynolds, assistant professor of mathematics at Penn State Beaver Campus, has received the Beaver Campus Advisory Board 1989 Teaching Excellence Award. He is the first recipient of the newly instituted award.

Dr. Reynolds has taught at Beaver Campus since 1970. He has served as chairman and vice chairman of the Beaver Campus Faculty Congress and as chairman of the Business Affairs Committee. He also has served as coordinator of the Mathematics Department, dean's representative for the College of Science and as a member of the Mathematics Department Policy Committee and Undergraduate Studies Committee.

Dr. Reynolds presently is a member of the Blackhawk School District's Key Communicators. He is a team member of the National School Volunteer Project in Science, Mathematics and Technology Education in the Blackhawk School District. He also serves as chairman of the Summer Session Study Group at Beaver Campus.

Dr. Reynolds is the co-author of ten mathematics textbooks that have been published in the last eight years. He currently is at work as co-author of a calculus textbook designed for students in management and life sciences.

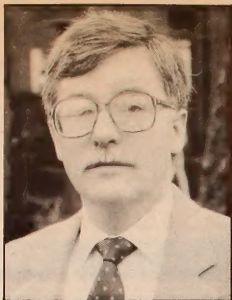
This award makes the second time in four years that Dr. Reynolds has been recognized for his achievements in education. In 1985 he received the Teresa Cohen Award for the Mathematics Department at the Commonwealth Campuses of Penn State. He received his master of arts and doctorate in mathematics from Penn State.

Kent Forster award

John W. Lerner, assistant professor of history at the Altoona Campus, has received the annual Kent Forster Memorial Junior Faculty Development Award from the History Department.

The award was established in 1981, following the death of Kent Forster, professor of European history from 1941 until his retirement in 1980. He was department chairman from 1970 to 1980.

The award is given every year to a full-



James J. Reynolds

time faculty member in history who is working toward tenure, who has a well-designed research project and who is regarded as an excellent teacher.

Dr. Lerner, a U.S. historian with specialized interests in the American Indian, conservation and the environment, plans to collect material for a microfilm edition of the papers of Pennsylvania conservationist Joseph Trimble Rothrock (1839-1922).

Education award

Dennis E. Murray, superintendent of the Altoona School District, has been selected to receive the College of Education's 1989 Excellence in Education Award. Presented annually by the College of Education Alumni Society, the award recognizes a Penn State graduate who has made significant contributions to the field of education.

Dr. Murray received a B.S. in elementary education in 1963 and an M.Ed. in educational administration from Duquesne University in 1965. In 1973, he earned a D.Ed. from Penn State in elementary education/educational psychology. He has pursued postdoctoral studies in secondary curriculum, also at Penn State. Dr. Murray, who frequently testifies at House and Senate hearings, is an expert on the Senate Subsidy System.

He has written several publications and has served on more than a dozen community boards and committees. His awards include the University of Pittsburgh's 1988 Distinguished Educator Award, the 1985 Phi Delta Kappa Educational Leadership Award, and the Penn State Student Government Association's Outstanding Faculty Member Award.

Dr. Murray began his career in 1963 as a classroom teacher at Franklin Regional School in Oakmont. He moved from teacher to director soon after and served in several administrative and faculty positions, including assistant professor at Penn State, until 1984, when he was named superintendent of schools in the Altoona Area School District.

Office Personnel award

Virginia Strubel, secretary in the Political Science Department, has received the 1988-89 Outstanding Office Personnel Award from the Penn State Chapter of Educational Office Personnel (PSEOP). She received a U.S. savings bond, certificate of recognition, and a one-year membership in PSEOP.

Also honored as finalists were secretaries **Vicki Keller**, Computer Science Information Services, College of Agriculture. Each received a certificate of recognition and a one-year membership in PSEOP.

New officers of the organization are **Sharon Roloff**, School of Nursing, president; **Jenny King**, University Office of International Programs, secretary, and **Donna Schroyer**, College of Engineering, treasurer. Continuing to serve as members of the PSEOP executive board are **Norma Bayer** and **Dona Martinec**, past officers.

DuBois Campus award

Robert Peck, assistant professor of German and humanities at the DuBois Campus, has received the "Educator of the Year Award" from the DuBois Educational Foundation (DEF), the campus advisory board.

The award is given to the instructor at the campus who meets not only the

requirements of educational excellence in the classroom, but also extends the teaching relationship with students beyond the classroom.

Professor Peck has an A.B. in the history and literature of England from Harvard and an M.A. in German from the University of Washington in Seattle. He came to DuBois Campus in September of 1968 and has taught German, English, and a number of humanities courses.

He has been involved in developing the Science, Technology, and Society (STS) curriculum at the campus, and has participated in numerous interdisciplinary honors courses. He also is a member of the Core Advising group and has long been recognized by students as a friend and advocate as well as instructor.

Professor Peck is the seventh recipient of the award, which is accompanied by a \$500 check.

Schuylkill awards

Two faculty members at the Schuylkill Campus have been honored by fellow faculty members for their commitment to research and teaching.

Thomas R. Smith, assistant professor of English, was named by the Faculty Affairs Committee of the Faculty Senate as the 1988-89 recipient of the Schuylkill Teaching Award.

The Schuylkill Campus Award for Excellence in Research, also given by the Faculty Affairs Committee, was presented to **Michael J. Cardamone**, professor of physics and humanities.

Dr. Smith has been on the Schuylkill Campus faculty since 1984. He holds degrees in English from Rutgers University, the University of Leeds, and Amherst College. His current area of research is the field of autobiography.

Dr. Smith also serves as adviser to the Keystone Honor Society; *FISH*, the campus literary magazine; and *The Schuylkill Collegian*.

Dr. Cardamone has been at Schuylkill Campus since 1971. Through his efforts, a high quality laser light scattering spectroscopy laboratory has been set up at the campus, funded primarily through a \$100,000 National Science Foundation grant.

Penn Staters

Burt Fenner, professor of music, has received the National University Continuing Education Association Independent Study Division distinguished award for his independent learning course Music 8, "Rudiments of Music." **Gina Leon** was the course editor for Music 8.

The Design, Development, and Evaluation of Instructional Software, co-authored by **Michael Hannafin**, associate professor of education, and **Kyle Peck**, assistant professor of education, has received 1989 best book honors from the Association for Educational Communications and Technology.

Sabih I. Hayek, professor of engineering sciences and mechanics, has been named a Fellow of the American Society of Mechanical Engineers (ASME). The Fellow grade is conferred upon a member with at least 10 years active engineering practice who has made significant contributions to the field.

Gary H. Koopmann, professor of mechanical engineering and director of the Noise Control Laboratory, has been named Fellow of the Acoustical Society of America for his outstanding contributions in the area of structural acoustics and noise control.

Budugur Lakshminarayana, Evan Pugh professor of aerospace engineering, gave an invited lecture for the international professional lecture series "Measurement Methods in Aerodynamics," organized by the von Karman Institute of Fluid Dynamics in Belgium.

Robert N. Pangborn, associate professor of engineering mechanics, has been elected to a second term as member of the executive committee of the Materials and Structures Group Operating Board of the American Society of Mechanical Engineers.

Allan Pierce, Leonard professor of acoustics and mechanical engineering, and **Phillip J. Morris**, professor of aerospace engineering, shared the American Institute of Aeronautics and Astronautics award for outstanding technical paper presented at the group's annual aeroacoustics conference.

Frank W. Schmidt, professor of mechanical engineering, has received the American Society of Mechanical Engineers Heat Transfer Division Distinguished Service Award. The award, sponsored by the Scripta Publishing Company, recognizes outstanding and sustained service to the Heat Transfer Division.

Roger Sweeting, associate professor of health and physical education at Penn State Erie, The Behrend College, has been named Pennsylvania state coordinator for the "Physical Best" Fitness Assessment and Education Program. Dr. Sweeting will direct the state's program, which is part of a national, comprehensive program for students in kindergarten through 12th grade.

Stanley Weintraub, director of the Institute for the Arts and Humanities Studies and Evan Pugh professor of arts and humanities, has been honored by the South Philadelphia High School Alumni Association by induction into its "Cultural Hall of Fame."

Sam Y. Zamrik, professor of engineering mechanics, presented an invited paper, "Fatigue Damage under Complex Loading," at a meeting of the International Research Committee on Pressure Vessels in Cannes, France. He presented another invited paper, "Fatigue Crack Initiation and Growth under Biaxial Bending" to the Institute of Metals symposium at the University of Stuttgart, Germany.

David B. Gelselwitz, alumni distinguished professor of bioengineering and professor of medicine, has been

elected to the National Academy of Engineering.

Chet Gnatt, director of the Division of Continuing Education's Department of Public Information and Publications, has been elected secretary-treasurer of the Division of Marketing and Promotion of the National University Continuing Education Association.

Richard L. Gordon, professor of mineral economics, spoke on "Supply of Energy for the Mineral Industry in the 1990's" at a seminar on Energy Efficient Technologies in the Mining and Metals Industry at Laurentian University, Sudbury, Ontario.

Linda Resnick Maxson, head of the Department of Biology, has been chosen 1989 Distinguished Alumna of the San Diego State University College of Science.

Leila Moore, assistant director of the Center for Student Involvement and Leadership, has received a 1989 Annual Copest Senior Professional Award. The award, sponsored by the American College Personnel Association, is presented annually to three senior professionals who have distinguished themselves in the field of student services.



Focus on Diversity

What works for one group may not work for another

Cultural awareness training programs

When presenting cultural awareness training, you need to remember that what works for one group may not work for another, **W. Terrell Jones** said.

"There is a tendency for trainers to depend upon pet programs on cultural awareness and to expect the training to be successful with any group," Dr. Jones said.

"However, this approach is rarely effective. For example, a program designed for faculty would not be relevant for students. You have to apply training techniques in light of the present cultural awareness development of the group you are working with.

"Each program should affirm the rights, beliefs and attitudes of the particular group, while promoting opportunities for individual growth and behavior change," he said.

Dr. Jones, associate director of the Division of Campus Life, is involved in designing and presenting cultural awareness programs and workshops to the University community, as well as to local community groups and professionals at other universities.

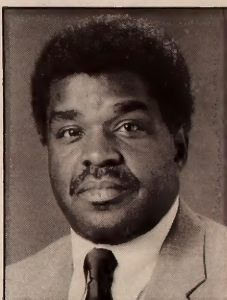
Most recently, he and **Magda Costantino**, instructor in speech communication, led a cultural diversity workshop for 25 University and State College participants. The workshop was in response to several racial and ethnic intimidation incidents that occurred at University Park and in State College last winter.

It was sponsored by the University and the Downtown Business Association of the State College Chamber of Commerce.

"The workshop went very well, and now we are evaluating the process with the goal of improving the program," Dr. Jones said. "We may find it necessary to more clearly define future workshops for specific manager groups and include case studies and other information that will be more helpful to them."

The workshop for town/gown members is the opening session in a yearlong process, he said.

Dr. Jones and his colleagues also are involved in other cultural sensitivity training programs. Among them are workshops for the Commonwealth Educational System's Student Leadership Conference set for Penn State Altoona Campus this fall and continuing training sessions for resident assistants through the Counselor Education 302 class.



W. Terrell Jones

In addition, there are courses offered throughout the year to faculty and staff members, as well as specially designed workshops requested by units. One such workshop is tentatively planned for the University Libraries. Dr. Jones also has developed workshops for some of the colleges and administrative units.

He has high praise for his colleagues, who also work with faculty, staff and students in raising cultural awareness at the University. His colleagues include **Magda Costantino**: **Arthur Costantino**, director, Center for Student Involvement; **Sabrina C. Chapman**, director, Center for Women Students; **Cynthia King**, former assistant director, Undergraduate Admissions, and current doctoral candidate in higher education; **Lawrence W. Young Jr.**, director, Paul Robeson Cultural Center; **James B. Stewart**, director, Black Studies Program; and **Leila V. Moore**, assistant director, Center for Student Involvement.

The importance of raising cultural awareness has inspired the creation of a 10-minute videotape highlighting University students' pride in diverse ethnic backgrounds. The videotape is being shown to all incoming freshmen and their parents.

"The videotape is an extremely progressive response from the University. It's a sign that we're talking about an all-University commitment to diversity. By showing it to new students and their parents, we're asking people to think about the concept of diversity before they come here. The videotape will have tremendous long-range impact," Dr. Jones said.

Among those involved in developing the videotape were **Patricia C. Peterson**, assistant vice president, Campus Life; **Robert E. Dunham**, vice president and vice provost; **William W. Asbury**, vice president, Student Services; **J. Arthur Stober**, manager/electronic communications, Public Information; and **Art Costantino**.

"These individuals were extremely helpful in getting the videotape produced and selling it to the Commonwealth Educational System and the Freshman Testing, Counseling and Advising Program," Dr. Jones said.

Inside

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Students rally in support of diversity.

The following is a statement from **President Jordan** to the University community:

A new academic year gets under way this week and it provides each of us at Penn State an opportunity to take an active role in establishing the climate for diversity at this university. As the largest institution of higher learning in Pennsylvania, with campuses located in 22 communities, Penn State is in a unique position to be a leader on this issue.

Ensuring cultural diversity is not a simple task. It requires continued diligence and commitment. Those who come to study at Penn State, those who work here, and our many visitors all play a role in supporting diversity.

Penn State also has the opportunity to have a significant impact on this issue in

many areas of the state and nation for decades to come. To do so, we must take advantage of the opportunities before us. For example, the enrollment of African Americans at Penn State needs to increase still further. We must work to achieve that goal in concert with the progress of the past five years.

At the same time, we must recognize that achieving a diverse climate cannot be accomplished by placing all our efforts at any single constituency. For a truly diverse climate, all people who come to this institution, whether to work or study, must feel welcome. There is no diversity for one group unless there is diversity for all groups.

I should like to thank all of you for your efforts to make Penn State a welcome place for all. United in diversity we can continue to make a great institution still greater.

They play a key role in recruiting and retention

College minority coordinators

Penn State's efforts to recruit, retain and graduate minority students are enhanced by the efforts of minority coordinators in each college who serve as personal connections between minority students and the University. Listed are brief summaries of those coordinators.

John Barnes, the founding adviser of the Penn State chapter of the NAACP, is coordinator of the Office of Minority Programs in the College of Liberal Arts. His office provides academic counseling and lobbies for new policies to assist Penn State in attracting and retaining minority students.

Mr. Barnes earned an associate degree in letters, arts and sciences from Penn State Wilkes-Barre Campus in 1975. He later earned a bachelor's degree in community development and master's degree in public administration from University Park.

Carl L. Blake of Alameda, Calif., recently was appointed assistant dean for recruitment and retention and minority coordinator for the College of Arts and Architecture.

Dr. Blake's primary responsibility will be the recruitment and retention of minority students in the arts. He also has a joint appointment as assistant professor of music in the School of Music.

Dr. Blake holds three degrees in piano performance. He earned his bachelor's degree from Boston University, his master's from San Jose State and his doctorate from Cornell. He comes to Penn State from the faculty of the Music and Arts Institute in San Francisco.

Daniel Davis, associate professor of engineering and mechanics, is director of minority engineering programs for the College of Engineering.

He is responsible for recruiting minority students to the College of Engineering and providing direction on responding to the needs of minority students. He also conducts research on fatigue of metals.

Dr. Davis earned his bachelor's degree in engineering mechanics from Penn State; master's degree in mechanical engineering from Union College in Schenectady, N.Y.; and his doctorate from Rensselaer Polytechnic Institute, Troy, New York.

Bruce E. Ellis is coordinator of minority affairs and student programs in the College of Business Administration. He is responsible for recruiting and advising minority students and directing minority programs for undergraduate students.

He earned his bachelor's degree in community development and his master's degree in counselor education from Penn State.

Raquel G. Freeland is coordinator of minority student services in the College of Education. One of the key organizers of Penn State's Kaleidoscope of Cultures diversity celebration last spring, Ms. Freeland's primary charge is to lead the college's continuing efforts to recruit and retain minority students.

Ms. Freeland has taught students of various ethnic backgrounds at William Penn High School in Harrisburg as well as schools in Puerto Rico. She also was a consultant for the state Department of Education. Ms. Freeland received her bachelor's and master's degrees in education from Shippensburg University. A native of Puerto Rico, she has a diploma in elementary education from the University of Puerto Rico.

William Henson is director of minority student programs for the College of Agriculture. The recipient of Penn State's 1989 Equal Opportunity Award, Dr. Henson has served the University in its efforts to provide equal opportunity to minority and disadvantaged students for more than 20 years. He joined the University in 1967 as an agricultural economist. Dr. Henson earned his bachelor's degree in poultry husbandry from Maryland State College and his master's in poultry science and his Ph.D. in agricultural economics from Penn State.

John D. Lee, a research associate in the College of Earth and Mineral Sciences, is director of minority affairs for the College.

A meteorologist, Dr. Lee has three degrees in meteorology and mathematics from Florida State University and has served as a postdoctoral Fellow at the National Center for Atmospheric Research in Boulder, Colo. A native of Trinidad, Dr. Lee has served in meteorological education at the Caribbean Meteorology Institute in Barbados, West Indies. He came to Penn State from the World Meteorological Organization in Geneva, Switzerland, where he was a meteorological field expert involved in teaching administration, and advising in a range of WMO and United Nations Projects.

Henry McCoullum Jr., a former Penn State Upward Bound Program director for disadvantaged students, is

coordinator of minority programs in the College of Science.

He will intensify the College's efforts to recruit and retain minority undergraduate and graduate students.

Mr. McCoullum earned his bachelor's degree in secondary education from Temple University and his master's degree in educational administration from Penn State in 1974.

Christine Patterson, is minority affairs coordinator for the School of Communications. A native of Wilkes-Barre, she is responsible for developing, coordinating, implementing and evaluating programs and policies that affect the recruitment and retention of minority students in the school.

Previously, she served as a multi-county extension agent specializing in 4-H urban youth and as minority student counselor/coordinator at Penn State Hazleton Campus. She earned her bachelor's degree in organizational communication and a master's degree in education from Wilkes College.

Dan L. Trevino is director of the Office of Minority Programs in the College of Health and Human Development. Formerly the assistant dean for student affairs and admissions at the University of Texas Medical Branch in Galveston, he plans, organizes and coordinates minority recruitment and retention programs in the college, and serves as program administrator for the Minority Health Careers Program.

Dr. Trevino holds a bachelor's degree in zoology and a doctorate in physiology from the University of Texas at Austin.

Vernis M. Welmon is assistant to the dean for minority relations and international programs in the College of Business Administration. In addition to working to recruit and retain minority graduate students, he recently played an important role in the development of a long-term management education collaboration involving the College of Business and the University of the West Indies in Jamaica.

Mr. Welmon has a master's degree in international affairs from Columbia University and a bachelor's degree in pan-African studies and political science from Temple University.



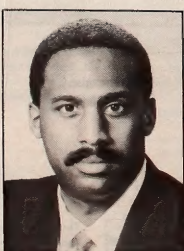
John Barnes



Carl L. Blake



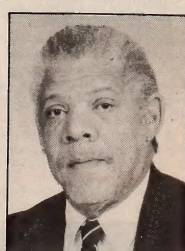
Daniel Davis



Bruce E. Ellis



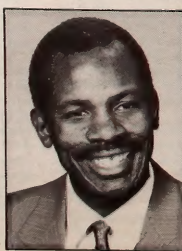
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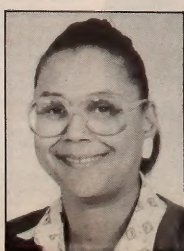
William Henson



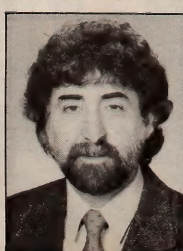
John D. Lee



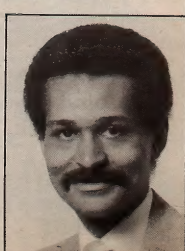
Henry McCoullum Jr.



Christine Patterson



Dan L. Trevino



Vernis M. Welmon

High school youths get taste of mineral engineering

Fifteen black Pittsburgh-area high school youths recently visited the University for two weeks to conduct research in mineral engineering as part of the University's efforts to encourage minorities in science

and engineering careers.

The College of Earth and Mineral Sciences hosted inner-city youths participating in a program called Science and Mathematics. Sponsored by the

Westinghouse Corporation, the program is designed to interest talented minority youths into science and math-based careers.

A four-year program, SAM participants are identified and recruited at the middle-school level. The program is conducted at George Westinghouse High School in Pittsburgh.

While visiting the University, the students participated in laboratory and field experiments, such as mining engineering, petroleum and natural gas engineering and acid rain studies.

"They also get a realistic picture of campus life at a major university and an introduction to some fascinating areas of science and engineering. They also have a lot of fun in the process," says John Sparvero, coordinator of the SAM program.

"We're extremely delighted and honored by their presence on our campus and in our classrooms and laboratories," says John Cahir, associate dean for resident instruction in the College of Earth and Mineral Sciences and executive board member of the Pittsburgh Science Institute. The institute is responsible for science curricula at all levels in the Pittsburgh School District.

In addition to SAM, other programs sponsored by the college to attract minority students to science and math careers

include educational programs at Wallops Island, Va., with high school students from Perry Traditional Academy, of Pittsburgh. This year, the students from Westinghouse High School also attended the Wallops Island program.

According to John D. Lee, coordinator of minority affairs in the college, such programs have a two-fold purpose.

"They serve as great career awareness programs and strong minority recruitment vehicles," Mr. Lee says. "Of the nine Perry students who participated in the Wallops Island program last year, seven applied for and were offered admission to Penn State, and three have registered for fall."

The combination of the University Park experience and the Wallops Island field trip constitute the college's Summer Institute for Minorities in Science and Engineering. It is supported by the National Science Foundation, the Westinghouse Corporation through the Pittsburgh Science Institute, and Penn State's Equal Opportunity Planning Committee.

Meteorology, geosciences, mining engineering, and petroleum and natural gas engineering faculty developed the programs for the summer institute, with activities including discussions of career opportunities and a range of hands-on experiences with state-of-the-art equipment.



High schoolers participate in research projects

New commission ready for first full academic year

With several months of experience under its belt, Penn State's Commission on Racial/Ethnic Diversity stands ready to enter its first full academic year.

The 25-member commission, which met for its first official meeting in June, was formed earlier this year.

Ann Shields, College of Arts and Architecture coordinator of alumni and minority relations and special events, was elected chairperson last May. She serves as the first chief officer. **Charles Sena**, director of medicine ancillary services at Penn State's Milton S. Hershey Medical Center, was elected chair-elect.

Other officers, who make up the representative council, include: **G. Mike Charleston**, associate professor and director of the American Indian Education Policy Center; **Valeria G. Harvell**, Fayette Campus senior assistant librarian; **Beverly Ladrido**, a secretary in the Center for the Study of Higher Education; **Daniel L. Trevino**, associate professor and College of Health and Human Development director of minority programs; and **Billie S. Willis**, assistant vice president for human resources.

The commission is responsible for advising the Office of the President on University policies, procedures, programs and issues affecting the welfare of racial and ethnic minority members at Penn State and in surrounding communities. The representative council, like the commission's general membership, consists of members from African American/Black American, American Indian/Native American, Asian/Pacific Islander, Hispanic and White groups.

"I feel confident that the commission can help, in a comprehensive way, to make an impact on the University community for many years to come concerning multicultural issues," says Shields.

Ms. Shields has served at Penn State for 18 years. Prior to joining the College of Arts and Architecture six years ago, she was a producer and director at WPSX-TV at Penn State. In 1988 she was honored by the National Institute of Women of Color for her leadership in establishing a local Women of Color group.

Mr. Sena has been a member of the University staff since 1979. In addition to his normal job responsibilities, he has served as chair of the medical center's Children's Miracle Network Telethon for the past two years. He also is pursuing a degree in business administration. Other members of the commission include: Ngoc-my Guidarelli, Raja V. Ramani, Stephen H. Mitchell, Suzanne R. Brooks, Paul J. Helton, Leola Johnson, Juan Fernandez Jimenez, Emilia Martinez-Brawley, Odette Pineiro, Jose Vicente, Patrick Davidson, Brenda A. Pelletier, Shirley J. Davis and Mary H. Dupuis.

Ex-officio members are Mayor Arnold Addison, Suzanne Brooks, James B. Stewart, and a representative from the commission on women.

The University community is welcome to contact any commission member concerning any issue they would like to discuss with the commission.



Ann Shields



Charles Sena



President Jordan addresses Black Alumni Reunion group

For minority graduate opportunities and faculty development

Center is prepared to provide assistance

When Leonard Jack Jr., a black Ph.D. candidate in health education, tell concerns about preparing for his doctoral comprehensive exams last spring, he took a step in the right direction - 308 Kern building.

There, at the Center for Minority Graduate Opportunities and Faculty Development, Mr. Jack was greeted by a friendly and supportive staff and given experienced tips that guided him back on track. He was not alone.

Annually, scores of graduate students and faculty members have called on the center for tips and advice since its establishment two years ago. For most, the center has functioned like a personal mentor readily available to help.

"I went to the center because I heard they have helped other minority graduate students," says Mr. Jack, noting that he felt concerns that are unique to minority students. "They helped me beyond my expectations, giving me pointers and even directing me to faculty with interest in my topic for help."

Directed by **Catherine G. Lyons**, Ph.D. in agriculture and extension education, and **Deborah F. Atwater**, associate professor of speech communication and senior faculty mentor, the center assists in two main functions. It identifies, recruits and retains minority graduate students, and enhances professional development and retention of minority faculty.

"Instead of talking about recruitment and graduation, we also talk about professional development," says Dr. Lyons, who concentrates on helping graduate students. "We would like to see students graduate and go out ready to work, instead of trying to make a transition from school to work."

For tenure-track faculty, the center offers the guidance of a Penn State tenured faculty member and activities such as mentoring and role modeling; peer guidance; review and counseling; information exchanging; enhancement of communication; supplemental financial support for paper presentations, trips to special library collections and research on special populations in various locations; and coordination and support of research opportunities.

"These functions are designed to expand and enhance the intellectual and professional growth of Penn State's



Catherine G. Lyons (left) and Deborah F. Atwater

minority faculty. Junior, or recently appointed faculty who are working towards tenure, are especially invited," Dr. Atwater says.

In addition to counseling, the center conducts workshops on promotions and tenure, getting published and writing grant proposals. It also publishes a newsletter twice a year.

To help ascertain the needs of tenure-track minority faculty, Dr. Atwater continually meets deans, department heads and tenured minority faculty to discuss formal and informal mentoring systems in their departments. The center also sponsors social events for the purpose of

networking and introducing faculty to the University community.

"Let me make one thing clear about the center. We're not saying or implying that if you're black, Hispanic, or Native American, you must use the center. We only want people to know we're here if you need us. And we're open to anyone, not just minorities," Dr. Atwater says.

For more information about the Center for Minority Graduate Opportunities and Faculty Development, contact Drs. Atwater and Lyons at (814) 863-1663.

Council to focus on implementing retention plans

With comprehensive retention plans in place, the University's efforts to retain minority students will be focused on action in the coming year. **Jerry B. Covert**, associate dean for undergraduate education, said.

In the last three years, the President's Council on Undergraduate Retention, which he chairs, has provided advice, assistance and coordination for the campuses and colleges as they have developed comprehensive retention plans. The emphasis has been on encouraging more successful retention efforts University-wide.

"Now the President's Council is ready to move on to fact-sharing, idea-sharing and implementation of the plans," Dr. Covert said.

For the last year, the campuses and colleges have been reporting on the progress of their plans to the President's Council. Dr. Covert shares these reports on retention activities with the provost.

In addition, the recruitment functions formerly dealt with by the University Council on Undergraduate Recruitment are being combined with retention functions into a new organization to be known as the President's

Council on Undergraduate Recruitment and Retention. The new council will be formed Oct. 1, Dr. Covert said.

The President's Council on Undergraduate Retention and the University Council on Undergraduate Recruitment were very successful as separate organizations. Together, and with membership from the Comprehensive Retention Planning Committees, the reconstituted organization will emphasize action on recruitment and retention plans."

The new council, which will have a membership of 35, will include the chairpersons of each campus and college recruitment and retention committee, as well as representatives from other groups involved with minority students. The restructured council will provide more direct interaction between the planners and the implementers of the retention strategies.

"I also would like to see more active involvement of students at each committee level," Dr. Covert said.

"One of our major goals will be to share information more effectively. As the campuses and colleges try different strategies, we want to know what works and what doesn't. We will continue to assess what's being provided by the University and attempt to provide what's missing.

"We also will continue to ask for recruitment and retention updates throughout the coming year. We hope that the campuses and colleges will involve students, faculty and staff members in their recruitment and retention committees," he adds.

Throughout the planning process, the President's Council has worked cooperatively and closely with the Educational Opportunity Planning Committee. Funding to implement specific plans will be sought from the EOPC and through the units' strategic plans.

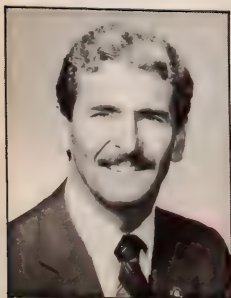
The University's initial recruitment and retention efforts were handled by the Commonwealth Educational System and the Office of Undergraduate Programs and coordinated by Dr. Covert.

The six pilot locations for programs targeted to increase African-American student enrollments were Penn State Erie, The Behrend College, the Altoona, Beaver, Delaware County, McKeesport and Ogozont campuses. The pilot locations worked to establish retention committees, develop comprehensive retention plans, incorporate retention plans into strategic plans and monitor and assess the effectiveness of their plans. They submitted their

comprehensive retention plans to the President's Council in January 1987.

The planning process was then expanded to the other campuses and colleges. Every unit prepared a plan in 1987 and presented updated plans in 1988-89. In the future, the units will be asked to annually update their plans, Dr. Covert said.

"Our goal is to eliminate the differences in retention rates between racial/ethnic student groups and to increase the overall retention rates of all students of Penn State," he added.



Jerry B. Covert

Focus on Diversity

"Focus on Diversity" is published by the Office of Public Information, 312 Old Main, phone 865-7517.

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Aaron Singleton

Photographers

Scott Johnson
Richard Ackley

University Park Calendar

August 24— September 3 Special Events

Friday, August 25

Geog. Coffee Hour, 4 p.m., 310 Walker. John Dutton on "Order, Chaos and Predictability." Refreshments 3:30 p.m.

Sunday, August 27

Returning Adult Student Center, family orientation for new adult Univ. Park students, 2-5 p.m., McAllister Interview Center, Univ. Park. Reservations, 863-3887.

Wednesday, August 30

Drop/add with \$6 fee begins.

Friday, September 1

Late registration, deadline.
Course drop/add, deadline.

Public Radio

WPSU-FM 91.1 "All Things Considered."

Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m.; "Creative License," 12:30 p.m. Thursdays, hosted by Cherie S. Lewis.

Conferences

Continuing Education
Keller Building

Aug. 28-31. Introduction to Data Processing for



"Still Life with Dolls" by Heinz K. Henisch is part of an exhibition opening in the HUB Formal Gallery on Aug. 28.

Corrections. Kathy Karchner, coordinator.

Sept. 7-8. Personnel Law for Management. PennDot. Jack H. Williams, assistant professor of administration of justice, chairman.

Sept. 10-15. Credit Union National Association. John Ezzell, department head and professor of finance, chair.

Seminars

Monday, August 28

Kappe Environmental Engineering Seminar Series. 3:35-5 p.m., 127 Sackett. John Gregory, Univ. College-London, London, England, on "A

Focus on the arts

Odyssey on WPSU

The play "Sweet Bird of Youth" is the focus of this week's "Odyssey Through Literature" radio program, "Tennessee Williams' Monsters."

Professor Emeritus of English S. Leonard Rubinstein and his guest, Nancy Tischler, director of the Summer Sessions, discuss how Williams' play about an aging actress' apparently failed revival depicts the end of Williams' own career and, more generally, the artists' search of inspiration.

"Odyssey Through Literature" is produced by the Comparative Literature Department and airs Wednesdays at 12:30 on WPSU, 91.1 FM.

Photography exhibit

"People, Places, Patterns" by Heinz K. Henisch will be on display in the Formal Gallery of the Hietzel Union Building at University Park Aug. 28 to Sept. 22. Dr. Henisch presents a retrospective exhibition of his photographs, in color and monochrome, made over a number of years in various countries, and representative of his special interest in

close-ups and textures.

At Penn State, Dr. Henisch holds the parallel appointments of professor of physics and professor of art history. He was responsible for the establishment of photohistorical studies at Penn State in 1973.

In the photography field he also is active as a writer, collector, and book reviewer. *History of Photography*, an international research quarterly, which he founded in 1976, has been widely acclaimed as the most distinguished scholarly publication in this field.

A reception is scheduled for 5 to 7 p.m. Aug. 28 in the Formal Gallery.

Museum lectures

The Palmer Museum of Art at University Park will present a series of lectures to be given by the four candidates currently under consideration for the Museum's directorship position.

Judith Sobol, director of the Joan Whitney Payson Gallery of Art at Westbrook College, Maine, will present the first lecture at 5:30 p.m. today.

At 5:30 p.m. Wednesday, Aug. 30, Dr. Richard J. Wattenmaker, former director of the Flint Institute of Arts in Michigan, will present his lecture.

George Bolge, director emeritus of the Museum of Art in Fort Lauderdale, Fla., is scheduled to speak at 5:30 p.m. Wednesday, Sept. 13.

The lecture series will end at 5:30 p.m. Wednesday, Sept. 20, when Steven Klindt, director of the Tweed Museum of Art at the University of Minnesota in Duluth, presents his lecture.

Faculty, staff and museum patrons are invited to attend this free lecture series and encouraged to convey their impressions to the Museum's search committee. For more information, contact the Palmer Museum of Art at (814) 865-7672.

Chamber music recital

Smith Toulson, along with friends and colleagues from the School of Music, will present a recital of chamber music for the clarinet at 8 p.m. Wednesday, Aug. 30, in

the Recital Hall of the Music Building at University Park.

The major work on the program will be a performance of Olivier Messiaen's *Quartet for the End of Time*. It is considered by many to be one of the great masterworks of contemporary music. Mr. Toulson will be joined in this performance by Joanne Zagat Feldman, violin; Leonard Feldman, cello; and Steven Smith, piano.

In addition, the Pennsylvania Wind Quartet will perform one of the outstanding twentieth-century American woodwind quintets, Alvin Etlar's *Quintet No. 1*. A founding member of the Pennsylvania Quintet, Mr. Toulson will be joined by fellow members Eleanor Armstrong, flute; Barry Kroecker, oboe; Daryl Durran, bassoon; and Lisa Bontrager, horn.

Mr. Toulson is an associate professor in the School of Music, where he also conducts the Penn State Symphonic Wind Ensemble, and is principal clarinet with the Penn's Woods Music Festival.

Yarber exhibition

An exhibition of recent paintings by Robert Yarber will remain on display through Sept. 17 at the Palmer Museum of Art at University Park.

The exhibition, titled "Robert Yarber Paintings: 1980-1988," is the first solo museum show for this enigmatic New York artist whose works are gaining international recognition. It features 27 oil and acrylic works, mostly rendered on large canvases. Mr. Yarber received a bachelor of fine arts from the Cooper Union College in New York City in 1971. He received his master of fine arts from Louisiana State University in 1974.

His paintings frequently depict hotels, casinos or, as described by Yarber, "other leisure sites." His works often capture either violent or dreamlike states, with figures that drift or fall uncontrollably in mid-air.

The arts on Channel 3

Pinchas Zuckerman, Yo Yo Ma, Anne-Sofie Mutter and Yehudi Menuhin are some of the outstanding string players who pay

For information about Penn State arts and calendar events and the weather, call 863-1234 and follow the directions given in the recorded message.

Simple Particle Monitor for Low-Turbidity Waters."

Exhibits

HUB Galleries

Art Alley Cases:

A selection of works by HUB Craft Centre instructors, through Sept. 1.

Clay in Process by the SCSO Community Education pottery class, Aug. 28-Sept. 29.

Art Alley Panels:

Ink Meets Paper by Craig Anzelowitz with Nigel, Aug. 28-Sept. 29.

Formal Gallery:

People, Places, Patterns by Heinz K. Henisch, Aug. 28-Sept. 22.

Palmer Museum of Art

Robert Yarber Paintings: 1980-88, through Sept. 17.

Turn-of-the-Century European Posters from the Museum's Collection, through Nov. 5.

Bellefonte Collects, through Oct. 22.

Pattee Library

East Corridor Gallery:

Brooker Stephen Carpenter II, "Works in Clay," through Sept. 22.

Penn State Room:

Exhibit commemorating 50th anniversary of founding of Moral Re-Armament and 80th anniversary of Frank Buchman's Penn State career, through Aug. 31.

Zoller Gallery

Neopunked Invitational Exhibit, through Sept. 30.

tribute to master instrument maker Antonio Stradivari in *Stradivarius on Stage* airing at 10 p.m. Friday, Aug. 25, on WPSU-TV.

In "Lillian Gish: The Actor's Life for Me," encoring on *American Masters* at 10 p.m. Monday, Aug. 28, the celebrated actress reflects on her life and work, particularly her years as one of D.W. Griffith's favorite leading ladies.

One of the greatest dancers in the history of American ballet shares his infectious enthusiasm for dancing with 1000 New York City children in the spirited *He Makes Me Feel Like Dancin'* airing at 10 p.m. Wednesday, Aug. 30. This one-hour film follows dancer Jacques d'Amboise as he teaches the youngsters involved in the National Dance Institute how to dance.

A principal dancer with the New York City Ballet, d'Amboise has been aptly described as a "Pied Piper of Dance." Armed with his immense talent and passion for dance, his goal is to provide a unique learning experience for children from all backgrounds where they can share in the joy and discipline of dance.

Craft Centre classes

The HUB Craft Centre announces a new session of classes for adults and children and the opportunity to purchase memberships for the use of the pottery facilities.

An Open House will be held from 7 to 9 p.m. Tuesday, Aug. 29, in Room 312 HUB. This is an opportunity to meet the instructors, become familiar with the Centre, ask questions, and to register for classes. The facility is open to both University and community members.

The Centre offers a variety of classes such as wheelthrown pottery, weaving, basketry, quilting, watercolor, drawing, stained glass, etc. Most classes provide the materials, allowing the participant to try an art form without a costly investment in supplies, thus making the class fee a real bargain. Memberships also are offered for the use of the pottery facilities. For more information, stop by 312 HUB or call 863-0011.



An exhibition of recent paintings by Robert Yarber is on display through Sept. 17 at the Palmer Museum of Art.

Appointments

Diana Dunn has been appointed acting associate provost and acting associate dean at Penn State Harrisburg, succeeding Robert Graham, who has been named vice president for academic affairs at Roosevelt College in Illinois.

Dr. Dunn will assist the college provost and dean by supervising ongoing operations in a number of areas including undergraduate and graduate instruction, course and program development, program review, academic personnel actions, continuing education, and extended degrees, academic planning and budgeting, and faculty research.

The vice provost at Penn State Harrisburg since 1987, Dr. Dunn has represented the College on the University's International Council, serving as council chair in 1988.

She served as dean of the College of Health, Physical Education and Recreation from 1982 to 1987. Prior to coming to Penn State, she was a professor and head of the Department of Exercise and Sports Sciences at the University of Arizona from 1977 to 1982.

Dr. Dunn earned degrees in education and education administration at the University of Dayton. She received her Ph.D. in leisure studies from Penn State. Her research interests have been in national and international recreation and open space policy and planning.

Hai-Sup Lee, professor of electrical engineering, has been appointed acting head of the Department of Electrical Engineering.

Karl S. Kunz, who resigned as head to assume a full-time faculty position, will continue in the College of Engineering as professor of electrical engineering.

A member of the College of Engineering faculty since 1962, Dr. Lee was promoted to professor in 1971. He holds a B.S. in electrical engineering from Meiji University in Tokyo and received his Ph.D. in electrical engineering from Penn State in 1962.

His areas of research interest are electromagnetic theory, ionosphere wave propagation and formation of the ionosphere.

Dr. Lee is the recipient of an Outstanding Teaching Award from the Penn State Engineering Society. He is a senior member of the Institute of Electrical and Electronics Engineers (IEEE), the International Union of Radio Science Commission G and engineering honoraries Sigma Xi and Pi Mu Epsilon.

M. Marleni Ramirez has received a joint appointment to the Office of International Programs and the International Office of the College of Agriculture to support interdisciplinary international projects.

She will be responsible for identifying international opportunities and external funding to help faculty and graduate students accept international assignments.

"The university already has a strong international program for visiting faculty and students from countries throughout the world," Dr. Ramirez says. "However, we would like to increase the opportunities for our own faculty by identifying funding through governmental agencies and private foundations. Faculty with international experience help our students develop a more global perspective of their world."

She also is working on a cooperative program that will combine Peace Corps service and graduate study in a number of disciplines and is helping to develop cooperative programs with Latin American universities such as the Federal University of Bahia and the National University of Costa Rica.

Before coming to Penn State, she directed the Consortium for Service to Latin America, an association of 30 southern colleges and universities with Louisiana State University as the lead institution. During that time, she also directed U.S. Agency for International



Diana Dunn

Development projects in El Salvador and Panama.

She received her B.S. degree in biology from the National University of San Marcos in Lima, Peru; her M.S. in zoology from the University of Puerto Rico, and her Ph.D. in physical anthropology this year from the City University of New York. She has published a number of articles in her field of ecology and conservation of South American primates.

William J. Schrader, professor of accounting, has been named the new representative and resident adviser at the University of the West Indies (UWI) in Kingston, Jamaica.

During his one-year Caribbean appointment, Dr. Schrader will help coordinate the ongoing collaboration between UWI and the Penn State College of Business Administration.

Supported by the U.S. Agency for International Development, the joint program is intended to totally revamp the management education curriculum of the Jamaican institutions and to offer executive education programs to the island's business community.

Dr. Schrader succeeds George J. Heilmann, professor of management science, who will become the College of Business Administration's director of international programs.

Mary Lou Zuck has been named project assistant with Penn State Cooperative Extension in Delaware County. Her responsibilities are with the Urban Gardening Program in the Chester and Marcus Hook areas of Delaware County.

Ms. Zuck graduated in 1976 from Elizabethtown Area High School in Elizabethtown, Pa. In 1984 she attended Pinebrook Junior College in Coopersburg, Pa., and in 1988 received her B.S. in ornamental horticulture and floriculture from Delaware Valley College in Doylestown, Pa.

Prior to joining extension, she worked as a plater at Heritage Metal Finishing Inc. She also worked with Delaware Valley College and was a summer horticulture assistant with Penn State Cooperative Extension in Lancaster County in 1987.

Sanford G. Thatcher has been appointed director of the Penn State Press. He comes to the University from Princeton University where he was editor-in-chief of the Princeton University Press, one of the largest university presses in the country.

"We are extremely pleased to have an individual of Sandy Thatcher's experience and scholarly reputation join the Penn State Press," Forrest J. Remick, associate vice president for research, said.

Mr. Thatcher served as manuscript editor, social science editor and assistant director of the Princeton Press prior to being named editor-in-chief in 1985. He also serves as chairman of the Copyright Committee of the Association of American University Presses and as a member of the



Hai-Sup Lee

board of directors of the Association for Copyright Enforcement.

The Penn State Press is a nonprofit scholarly publisher operated by the University within the Office of the Senior Vice President for Research and Dean of the Graduate School. Dr. Remick said, "Its business is the publishing and selling of books of enduring importance and interest to the world academic community including importance scholarly works that might otherwise remain forever in frustrated manuscript form because their audience, or profitability, may have been too limited to catch the profit-oriented eye of a commercial publisher."

The Press publishes books in history, literary criticism, art history, linguistics, mathematics, music, philosophy, and the natural and social sciences, as well as six scholarly journals. It publishes in most any area of recognized scholarship from basic technology to pig production, and from nuclear energy to statistical ecology.

Penn State Press books have received national awards for excellence of design and have been selected as outstanding books by *The New York Times*, *The Journal of the American Library Association* and the Harry S. Truman Library Institute.

Paul H. Rigby has been named to the new position of associate dean for research and graduate programs of the College of Business Administration (CBA).

Dr. Rigby, professor of business administration, joined the University faculty in 1964, having previously been an associate professor of business and economics and director for business studies at the University of Missouri. He has been serving as associate dean for research and director of the CBA Division of Research.

Dr. Rigby is a former member of a 1974 task force which proposed organizational and operational changes in CBA and, now, is chairman of a faculty group which is studying the methods of top U.S. business schools in an effort to identify possible models for the future development of CBA.

In addition to his previous work at the University of Missouri, he was a professor of economics and director of the Center for Research at the University of Houston, an associate professor of economics and director of the Bureau of Business and Economic Research at Georgia State University and a research associate and assistant professor of marketing at the University of Texas at Austin.

He holds BBA, MBA and Ph.D. degrees in business administration and economics from the University of Texas at Austin.

Darrell G. Thomas has been appointed program director of the Penn State Educational Partnership Program in McKeesport.

The University, McKeesport Area School District and the Mon Valley Education Consortium are collaborating to help minority students, beginning in fifth grade, stay in school and work toward going to college.



M. Marleni Ramirez

The McKeesport School District has nearly 4,950 students, including 20 percent black youths. Two middle schools in the school district will participate in the partnership. The Mon Valley Education Consortium, which comprise more than 20 school districts in four counties, works together to mold schools into centers of excellence.

In his new position, Mr. Thomas will oversee the operation of the program and assist in the planning of local education support programs. His many responsibilities include coordinating programs, working with community groups and developing a cadre of student tutors.

"With his solid community and counseling experience, Darrell Thomas is genuinely suited for heading the new partnership in McKeesport," Robert Dunham, vice president and vice provost, said. "This partnership represents another step in the University's unrelenting efforts to proceed with more unique partnerships throughout the state."

Mr. Thomas received a bachelor's degree in business administration from Penn State in 1975. Since January 1988, he has served as an admissions counselor at the McKeesport Campus. While in that position, he has been involved in numerous minority and majority recruitment, retention and academic and career counseling programs.

Penn State initiated its first partnership in Reading last year. The University plans to explore similar partnerships with other school districts throughout the state, including the Philadelphia area.

Helen C. Riley has been named assistant 4-H youth agent for Penn State Cooperative Extension in Dauphin County.

"Helen Riley brings a unique and innovative direction to our 4-H urban program," Wayne Schuster, associate director of Penn State Cooperative Extension, says. "It is our hope that through dance and theater she can reach some of our youth-at-risk. The 4-H urban program is evolving in Pennsylvania. In addition to our traditional programs, our professional staff and leaders are developing innovative and imaginative programs to give urban youth an opportunity to learn valuable communication, leadership and life skills."

Born in Philadelphia, Ms. Riley spent a number of years working with professional dance groups around the country as a dancer and a choreographer. She earned her bachelor's degree in fine arts in dance and her master's degree in dance education from Temple University.

For the past two years she has been an instructor in the Harrisburg Arts Magnet School. She also has been a dance consultant to the Bodine High School for International Affairs, an adjunct faculty member at Temple University and dance instructor at the New Freedom Theatre in Philadelphia.

Partings

James Keiser, associate professor of hotel, restaurant, and institutional management in the College of Health and Human Development, has retired after 30 years of service.

Mr. Keiser joined the University as an assistant professor in 1959 in the former College of Home Economics and was promoted to associate professor in 1967. Best known as a teacher and adviser, he developed 17 courses and taught nearly two dozen different courses.

The pleasure of his work, he said, has been in interacting with students. As an adviser, he says he has always tried to be honest, "even when it meant telling a student that hotel and restaurant management wasn't for them."

Mr. Keiser received the Outstanding Adviser Award from the former College of Human Development in 1968 and the Evelyn R. Saubel Faculty Award for his commitment to human service and students in 1981. He served as chairman of the associate degree option in hotel and food service from 1960 to 1970 and was acting professor-in-charge of his department on two occasions.

He has written two books including *Controlling and Analyzing Costs in Food Service Operations*, which has been adopted by more than 100 colleges for use in undergraduate and graduate hospitality programs, and recently reprinted in Japanese.

Mr. Keiser is a member of the Council on Hotel, Restaurant and Institutional Education. This year he received CHRIE's highest honor, the Howard B. Meed Award, given in recognition of his career achievements in hospitality education.

A native of Easton, he received a B.S. in hotel administration from Cornell University in 1951 and graduated from the School of Aviation Medicine at Gunter Air Force Base in medical administration in 1952. He completed his M.B.A. in 1957 at the Wharton School at the University of Pennsylvania.

He and his wife, Josephine, are parents of three children: James of Harrisburg, Joan of Redondo Beach, Calif., and John of Washington, D.C. All are Penn State graduates.

Clinton H. Fitzgerald, associate professor and head of laboratory operations at the Applied Research Laboratory, has retired after 36 years of service.

Mr. Fitzgerald began his tenure as a machine design engineer in the mechanical section. He was eventually promoted to project engineer of torpedo development.

He earned a bachelor's degree in mechanical engineering from Penn State in 1943 and a bachelor's degree in electrical engineering from the University in 1956.

He and his wife, EmmaGene, reside in State College and have four children, all



James Keiser

Penn State graduates.

A veteran of World War II, Mr. Fitzgerald served in the Navy with destroyer duty.

Mary Louise Grendon, assistant professor of English at Penn State New Kensington Campus, has retired after 23 years of service.

Mrs. Grendon taught at the New Kensington campus since September of 1965. Before that, she taught for a semester at the Beaver Campus.

She was highly regarded by students as a competent faculty member whose cheerful personality helped ease the often difficult struggle with freshman English requirements. "I greatly miss teaching and my former students," she says.

She graduated cum laude from Heidelberg College in Tiffin, Ohio where she was selected to Phi Kappa Phi, a national scholastic society. She earned her master's degree from Penn State in 1945.

Mrs. Gredon, who is spending her retirement writing short stories and working on her memories, now lives in Monroeville and has two grown sons.

Diane S. Edwards, coordinator of graduate admissions at Penn State Harrisburg, from Jan. 2, 1979, until July 18.

Ruth Nelipis, senior psychiatric social worker at Hershey Medical Center, from Jan. 14, 1974, until July 28.

Virginia S. Elliott, division of undergraduate studies programs coordinator, Undergraduate Programs, from March 1, 1975, until Aug. 1.

Ruth G. Hollinger, secretary, Science, from July 1, 1974, until Aug. 1.

Theodore L. Imbert, bookstore manager at Hazleton Campus, from Aug. 1, 1970, until Aug. 1.

Nadine W. Ross, clerk, Student Services, from Aug. 28, 1975, until Aug. 1.

William E. Toombs, professor, Education, from July 1, 1971, until Aug. 1.

Staff Vacancies

(Continued from page 8)

• **Bookstore Manager, Bookstore, Delaware County Campus** - Responsible to the director, Auxiliary Services, for various functions within the Bookstore to include purchasing, financial records, and retail operations. Determine the quantity of textbooks, associated text materials, supply items and equipment items for each student registration period and assure that necessary items are available at the proper time. Responsible for cash control, financial reports, bookstore budget and inventory. Supervise one full-time and one to two part-time employees. Requires associate degree, or equivalent, plus one to two years of effective experience in business or retailing. **STAFF GRADE 5.**

Television

(Continued from page 1)

Woods, director of Adult Literacy Action, at Penn State's Beaver Campus. Dr. Askov says that programs, such as "On Your Own," help undertrained workers who typically have not had access to technical training because they lack basic skills.

"Our goal is to help the students learn from real-life situations, at their own pace in the worksite," Dr. Askov says. "We think this method is an ideal way."

Faculty/Staff Alerts

Updated resumes

If you apply for one of the University's listed position vacancies, it is very important that you have an updated resume or biographical data form on file in the Employment Division. When you apply for a position vacancy, an employment specialist will review whatever background data is on file. If the background data is not accurate and up-to-date, you may not receive appropriate consideration.

You can contact the Employment Division at any time and a form will be

forwarded to you to update your background information. Or you can submit your own resume, if you wish.

Dr. Bernoff

(Continued from page 1)

Dr. Bernoff is a graduate of Temple University where he earned B.A., M.A., and Ph.D. degrees in chemistry. Prior to joining the Penn State faculty, he was director of research for the Material Electronic Products Corp.

Pennsylvania College of Technology positions open

Pennsylvania College of Technology (formerly The Williamsport Area Community College) is looking to fill four key administrative positions. Two are dean-level positions, with direct reporting lines to the college's president, and two are director-level positions, which report through a dean.

The dean of administration is the institution's chief fiscal officer. Responsibilities include administering the institution's business and financial operations, computer services, bookstore and food services; developing a long-range financial plan; and administering the College's investment program and budgetary process. Qualifications include master's degree in business administration or accounting, or CPA Certificate, or equivalent; five years of substantive, senior

level financial management experience.

The dean of institutional resources will coordinate all college private sector fund raising activities and serve as the chief executive of the College Foundation. Qualifications include master's or bachelor's degree with substantial qualifying experiences; successful experience in planning and implementing a variety of fund raising activities; experience in a non-profit institutional setting; marketing and sales background, and excellent communication skills.

The director of institutional research and planning will coordinate the development and update of the institution's Long-Range Educational Plan and meet all internal and external research and reporting needs. Qualifications include master's or bachelor's degree with substantial qualifying

experiences; successful experience in planning and implementing a variety of fund raising activities; experience in a non-profit institutional setting; marketing and sales background, and excellent communication skills.

The director of facilities will oversee the daily activities of the custodial and building maintenance staff. Qualifications include an engineering degree or equivalent combination of experience and education; ten years experience in physical plant maintenance, including at least five years experience with implementing and completing general renovation projects, and five years experience in housekeeping management.

Pennsylvania College of Technology is a wholly owned subsidiary of Penn State, but operates as a separate institution for staffing

and other purposes. Accordingly, inquiries or other follow-up relative to these positions must be directed to Pennsylvania College of Technology's personnel office.

To apply for one of the positions submit a letter of application, resume and list of three professional references to: Personnel (29), Pennsylvania College of Technology, One College Avenue, Williamsport, Pa. 17701.

Bookshelf

Louis Winkler, assistant professor of astronomy, is co-editor of *Great Ideas for Teaching Astronomy*, published by West Publishing Co.

Material for the book was selected from lectures, laboratory presentations and student activity ideas submitted by various college instructors.

Institute director candidates sought

An internal search is being conducted for a new director of the Institute for the Arts and Humanistic Studies, effective July 1, 1990, when **Stanley Weintraub** steps down from the post.

The director, who reports to the senior vice president for research, must be a full professor with a professional reputation sufficient to be named a Fellow (if not one already) on appointment. Some experience administering research and external grants is desirable, as is a demonstrated commitment to interdisciplinary.

Members of the search committee are: **Gerard J. Brault**, professor of French and Institute Fellow; **Heinz Henisch**, professor

of physics/art history and Institute Fellow; **Harlan Hoffa**, professor of art education and associate dean; **David Palermo**, professor of psychology and associate dean; **Eliza Pennypacker**, associate professor of landscape architecture and associate director of the Institute; **Charles Mann**, professor of English and Institute Fellow.

Candidates are requested to submit an up-to-date curriculum vitae as soon as possible to: Dr. Gerard J. Brault, chair, Search Committee, Department of French, 316 Burrows Building, University Park, Pa. 16802. Nominations also are invited. The deadline for applications is Oct. 1, or until a suitable candidate is found.

Obituary

H. Thomas Hallowell Jr., longtime

member of the Board of Trustees and a major contributor to the University, died Aug. 7. He was 81.

Mr. Hallowell was president and chairman of SPS Technologies. During a career spanning six decades, he helped steer the company into an era of major expansion and international sales. The company, founded in 1903 as Standard Pressed Steel by Mr. Hallowell's father, is now based in Newtown.

Following his graduation from Swarthmore College in 1929, Mr. Hallowell joined the company as a machine operator.

Steadily advancing up the ranks, he served jointly as president and chairman from 1963 to 1971, and then continued as chairman until 1986.

Mr. Hallowell was a Penn State trustee for 36 years and sat on the board of Swarthmore College for 30 years.

He was an inventor and a well-known photographer, publishing a work of world travel pictures entitled *Life with a Lens*. Another hobby, landscape design, resulted in the development of Deerfield, the 50-acre Hallowell estate in Rydal, Mr. Hallowell donated the estate, cited by horticulturalists as one of the world's most beautiful gardens, to Penn State in 1988.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion may apply by calling the Employment Division 86-540304 (network line 433 0304). Applications for these staff vacancies will be accepted until **Aug. 31, 1989. DO NOT CONFUSE THE AREA THAT HAS THE VACANCY.** Applications for staff vacancies are considered in accordance with Fair Employment Practices (FES) and in compliance with the University's Affirmative Action Program. Program without regard to race, color, religion, national origin, handicap or age (as provided by law), sex or status as a disabled or Vietnam era veteran.

• **Speech-Language Pathologist, University Hospital, University Hospital Rehabilitation Center for Children and Adults - Elizabethtown** - Responsible to the manager, Rehabilitation Services for performing a wide variety of duties in the diagnosis, treatment and evaluation of persons with various speech difficulties and delays. Requires: master's degree in speech pathology with certificate of clinical competence in speech pathology from the American Speech and Hearing Association plus one to two years of effective experience. **STAFF GRADE 6**

• **Medical Social Worker II, College of Medicine, Social Services, Hersey Medical Center** - Responsible to the director, Social Services coordinator for providing inpatient and outpatient medical social services and provide help and emotional support to patients and their families. Requires master's degree from an accredited college or university and professional and one to two years effective experience. **STAFF GRADE 6**

• **Assistant Director for Reimbursement, College of Medicine, University Physicians Professional Billing, Hersey Medical Center** - Responsible to the director, Professional Billing for planning, organizing, and controlling professional reimbursement systems and supervision of management personnel and related alternative health care delivery system activities to University physicians. Requires bachelors degree or equivalent in business administration, accounting or public administration with four to five years of effective experience with emphasis on third party professional reimbursement. **STAFF GRADE 5**

• **Medical Social Worker I, University Hospital, Social Services, Hersey Medical Center** - Responsible to the social services coordinator to serve as part of the health care team in providing practice help and emotional support to patients and their families and assume consultation function. Requires bachelors degree or equivalent with an accredited college or university, or a bachelors degree with emphasis in human services field with one to two years experience in social work or equivalent. **STAFF GRADE 5**

• **Flow Cytometry Specialist, College of Medicine, Medicine Endocrinology, Hersey Medical Center** - Responsible to the principal investigator for performing flow cytometry for data acquisition, analysis and participation in a research or complex diagnostic research project. Requires: masters degree or equivalent in research plus at least one year of effective experience. **STAFF GRADE 6**

• **Unlabeled Review Specialist, College of Medicine, Healthplan, Inc., Healthplan, PPA, Hersey Medical Center** - Responsible to the medical director and director of Healthplan for the review of hospital admissions and discharges as well

as the documentation of the pattern of utilization for physical and hospital procedures. Requires: bachelors degree or equivalent in an allied health field (med tech, respiratory therapy, etc.) or in nursing with a minimum of two years of effective clinical hospital experience. **STAFF GRADE 6**

• **Patient Account Assistant, College of Medicine, University Physicians Professional Billing, Hersey Medical Center** - Responsible to the supervisor, University Physicians Professional Billing, for the analysis of aged patient accounts to assure that generated professional charges are correct and accurate, as well as providing counseling to patients with delinquent physician accounts and advising of options available. Requires associate degree or equivalent in business administration plus one to two years of effective experience. **STAFF GRADE 4**

• **Biostatistical, College of Medicine, Center for Biostatistics & Epidemiology, Hersey Medical Center** - Responsible to the director, Center for Biostatistics and Epidemiology for computerized data management and statistical analysis, programming in support of the biomedical and biostatistical research activities of the center. Requires bachelors degree, or equivalent, in mathematics or statistics plus one to two years of effective experience. **STAFF GRADE 5**

• **Research Coordinator, Division of University Development, Development Research, University Park Campus** - Responsible to the research manager for the coordination and implementation of prospect research programs supporting fund-raising activities. Requires bachelors degree or equivalent preferably in humanities or library science with one to two years of effective experience preferably in research activities. **THIS IS A FIXED TERM POSITION FUNDED THROUGH JUNE 30, 1990, WITH EXCELLENT CHANCE OF RE-FUNDING. STAFF GRADE 5**

• **Director of Continuing Education, Commonwealth Educational System, Continuing Education, Ogontz Campus** - Responsible to the campus CEO and to the general director, Division of Administration and Field Services, for professional, financial and technical performance in providing Continuing Education services in the Ogontz Campus service area. Identify plan, organize, implement, administer, and operate the Continuing Education program of the campus service area. Requires bachelors degree or equivalent, plus five to seven years of effective and satisfactory experience, preferably as an area representative in Continuing Education. Master's degree preferred. **STAFF GRADE 4**

• **Head Coach - Women's Lacrosse, Intercollegiate Athletics, University Park Campus** - Responsible for the organization and administration of the women's lacrosse program. Requires: bachelors degree or equivalent, plus one to two years of effective coaching experience. Must have sound management skills, thorough knowledge of NCAA rules, demonstrated skill in administration to direct a NCAA Division I program. Head coach experience with college level sport athletes in a collegiate setting preferred. **THIS IS A FIXED TERM TWELVE-MONTH POSITION FUNDED THROUGH JUNE 30, 1990, WITH EXCELLENT POSSIBILITY OF RE-FUNDING. STAFF GRADE 6**

• **Academic Advisor, School of Communications, Advancing Center, University Park Campus** - Responsible to the coordinator, Advancing Center for the advising of undergraduate non-major students in School of Communications, as well as liaison to Communications academic departments and student support services, serve as academic advising resource to Communications faculty at University Park and Commonwealth Campuses. Requires: bachelors

degree in a related field plus two to four years of effective experience, or masters degree in related field plus one to two years of effective experience. **STAFF GRADE 7**

• **Research Engineering Assistant, College of Science, Chemistry, University Park Campus** - Responsible to the supervisor, Research Instrument Group for the design alteration and construction of complex instrumentation systems utilized in ongoing research at the Department of Chemistry. Requires bachelors degree in electrical engineering, physical science or a closely related discipline plus one to two years effective experience. Knowledge of established policy, procedure and practice required. Possession of an FCC First Class License, 30 MHz to 15 GHz R.F. and amateur radio experience highly desirable. **STAFF GRADE 6**

• **Project Associate - Pilot Plant Supervisor, Science, Biotechnology Institute, Bioprocessing Resource Center, University Park Campus** - Supervise activity in new pilot plant scale-up facility. Oversee daily plant operations to include maintenance of cell lines, development of cells for fermentation inoculation, product assays and analysis, determination of culture purity and phenotype, preparation of media. Requires B.S. or equivalent, in biology, engineering or other related field and/or experience with cell culture biotechnology. Four years of experience with fermentation required. Supervisory experience desirable. **THIS IS A FIXED TERM POSITION FUNDED THROUGH JUNE 30, 1990, WITH GOOD POSSIBILITY OF RE-FUNDING. STAFF GRADE 7**

• **Supervisor of Maintenance, Housing and Food Services, University Park Campus** - Responsible to manager, Maintenance Services, for supervision of maintenance shop services and employees of Housing and Food Services. Requires bachelors degree, or equivalent, in industrial arts or technology, industrial engineering, or related field, with one to two years effective experience, with knowledge of electricity, carpentry, electronics, plumbing, and refrigeration. Previous supervisory experience is required. **THIS IS A RE-ANNOUNCEMENT OF A PREVIOUSLY ANNOUNCED POSITION. STAFF GRADE 5**

• **Systems Programmer, Computer and Information Systems, Management Services, University Park Campus** - Responsible to the manager of Systems Architecture for assisting with the support of the MVSA Operating System and related systems software components. Provide technical assistance for system software installation, customization, support, and problem determination. Requires bachelors degree or equivalent preferably in computer science or mathematics with one to two years of effective experience in data processing with a good working knowledge of at least one programming language (COBOL, PLI, ASSEMBLER). Also an understanding of Job Control Language system utilities, and basic data set structure is required. **STAFF GRADE 6**

• **Telecommunications Analyst/Programmer, Agriculture, Administrative Services, University Park Campus** - Responsible to the senior systems analyst for ensuring the operation of the college's telecommunications environment. Requires: bachelors degree, or equivalent, in computer science, mathematics or technology related field plus one to two years of effective experience in the telecommunications systems and applications programming. Excellent oral and written communication skills including the ability to communicate technical information to non technical audience. Knowledge of operating systems, high level programming languages and data communication protocols is required. Experience in a Digital VAX mainframe and Apple microcomputer on-line delivery system environment is preferred. **STAFF GRADE 6**

• **Training and Support Specialist, Agriculture, Administrative Services, University Park Campus**

- Responsible to the senior support and training analyst for providing consultative support and problem solving services to College users regarding the selection, installation and usage of computer systems, for developing and delivering educational programs on the use of hardware and software systems. Requires bachelors degree, or equivalent, in agriculture or technology related field plus one to two years of effective experience. Excellent oral and written communication skills are required including the ability to communicate technical information to non-technical audiences. Previous experience conducting instruction or training is very desirable. Experience with Macintosh computer equipment is desirable. **STAFF GRADE 6**

• **Systems Project Analyst, Agriculture, Administrative Services, University Park Campus** - Responsible to the senior analyst for conducting the analysis, design, programming, testing and implementation of moderately complex information systems projects. Consult with faculty and staff to suggest and discuss the development of new systems or the evaluation of existing systems. Requires bachelors degree, or equivalent, in agriculture or information technology related field plus two to four years of effective experience. Excellent oral and written communication skills are required including the ability to communicate technical information to non-technical audiences. Experience in project planning and management is also required. Experience with Apple Macintosh and Digital VAX computers is preferred. **STAFF GRADE 7**

• **Feature News Editor, Agriculture Information Services, University Park Campus** - Responsible to the manager, Agricultural Communication, for developing subject ideas in the form of feature stories for release in various periodicals, newspapers, etc. Participate in other communications activities including training, evaluation and media relations. Conduct interviews with faculty. Extension Service staff, students, alumni and related sources, to develop feature articles for use in College periodicals. Requires bachelors degree, or equivalent, in journalism, English, mass communications, or related field plus over one year to two years of effective experience. **STAFF GRADE 6**

• **Applications Programmer/Analyst, Agriculture, Administrative Services, University Park Campus** - Responsible to a senior analyst for conducting analyses, program design, coding, testing and documenting activities associated with applications problems. Requires bachelors degree, or equivalent, in agriculture or information technology related field plus one to two years of effective computer programming experience. Excellent oral and written communication skills are required including the ability to communicate technical information to non-technical audiences. Knowledge of operating systems, high-level programming languages and data communications protocols are required. Experience in a Digital VAX mainframe and Apple microcomputer on-line delivery system environment is preferred. **STAFF GRADE 6**

• **Instructional Specialist, Liberal Arts, Center for Computing Assistance in Liberal Arts (CCALA), University Park Campus** - Responsible for CCALA instructional operations involving both microcomputing equipment and software and terminal-based mainframe usage. Develop and present seminars and training sessions for faculty, staff and students; prepare documentation and other training aids. Requires bachelors degree or equivalent in a liberal arts discipline one to two years of effective maintenance data processing experience plus experience with IBM PC and/or Apple Macintosh microcomputing. Individual must be able to program in at least two languages. **STAFF GRADE 6**

(Continued on page 7)

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William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

August 24, 1989
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AWARDS

University faculty and staff members are the recipients of a variety of awards. See the stories on page 4.

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INTERCOM

August 31, 1989

Volume 19, Number 2

Information submitted for publication in *Intercom* is due by noon on the Thursday before publication.

Pennsylvania College of Technology is convened

The former Williamsport Area Community College officially convened as Pennsylvania College of Technology on Monday, Aug. 21, during a special convocation ceremony initiating the beginning of the 1989-90 school year.

Robert L. Breuder, president of the new institution, presided over the ceremony held in the college's Academic Center Auditorium. Attending the convocation were college faculty and staff; members of the newly formed board of directors; Penn State officials, including President Jordan; State Rep. Alvin C. Bush, and other community leaders.

In his remarks Dr. Breuder expressed his appreciation for the leadership role of Gov. Robert Casey in bringing to reality the creation of Pennsylvania College of Technology (Penn College) as a component of Penn State, and lauded Rep. Bush for his efforts in steering the legislation through the Pennsylvania House and Senate.

Dr. Breuder assured President Jordan that Penn College "...intends to be the kind of willing, capable partner in this great enterprise that will make Penn State Penn College proud."

Dr. Jordan, keynote speaker at the event, hailed the recently established relationship



Participating in a special convocation at Pennsylvania College of Technology are, from left, Robert L. Breuder, college president; State Rep. Alvin C. Bush and President Jordan.

for its potential to strengthen the ability of the two institutions to meet their essential purpose "...to serve students, society, the community and the nation."

He indicated he is convinced that the marriage of Penn College's strengths in the applied technologies with Penn State's engineering and related expertise will

"bring innovation full circle" by substantially improving conduits for the efficient transfer of technology to area industry.

Rep. Bush, prime sponsor of the legislation establishing Penn College, and chairperson of the College's recently announced board of directors, said his role

in the affiliation was "a labor of love" and he voiced his "devotion to the purpose and mission this college represents." He described the transition from The Williamsport Area Community College to Penn College as recognition that Penn College is, and long has been, a very different, unique Pennsylvania educational institution.

"The pairing of the two institutions, with their same drive toward excellence," he said, "will be beneficial to all Pennsylvania, with many of those benefits yet to be realized."

The ceremony followed an informal session in which Dr. Breuder briefed college staff on the considerable activity under way at the college to accommodate the record enrollment increase that has materialized for the fall semester. Total enrollments currently are up more than 13 percent over 1988 fall enrollments.

Pennsylvania College of Technology is the focus of a special insert included in this edition of INTERCOM.

Center awards Ben Franklin project funds

The Ben Franklin Technology Center of Central and Northern Pennsylvania Inc. has allocated funds for 113 projects in 40 counties for the 1989-90 year.

"In all, the BFTCCNP has allocated \$4.5 million this year," John Werner, president of the BFTCCNP, said.

The center is one of four around the state, operating under the Ben Franklin Partnership, a program of the state Department of Commerce. The program's objective is to bring together government, businesses and educational institutions to develop technology for the application and commercialization of new processes and

products, as well as to promote specialized industrial training and entrepreneurial development.

In addition to Penn State and its campuses, 15 other colleges and universities are co-sponsoring projects with various companies and groups. They are:

Bloomsburg University, Bucknell University, Clarion University of Pennsylvania, Edinboro University of Pennsylvania, Gannon University, Indiana University of Pennsylvania, Juniata College, Mansfield University, Mercyhurst College, Millersville University, Philadelphia College of Textiles and Science, St. Francis College,

Thiel College, University of Pittsburgh at Bradford.

The 1989-90 projects also involve six vo-tech schools, and 370 companies and organizations.

"The program for 1989-90 continues to focus resources on our regional thrusts," Mr. Werner explained. "They are advanced materials, minerals, manufacturing systems, food and wood processing and value-added products, biotechnology, rural small business incubation and technology-driven industrial training."

Administrative Fellows appointments announced

Appointment of two Administrative Fellows has been announced by the Office of the President and the Commission for Women.

Lydia P. Abdullah, audit manager, Corporate Controller's Office, will serve under the mentorship of Steve A. Garban, senior vice president for finance and operations. **W. Terrell Jones**, associate director of the Division of Campus Life, will serve under the mentorship of William C. Richardson, executive vice president and provost of the University.

Ms. Abdullah, a Penn State graduate with a B.S. degree in accounting, joined the University staff in 1975 as an accounting trainee. She served as an assistant auditor and auditor until 1979 when she was appointed to her present position. As audit manager, she is responsible for developing and managing various financial, operational, and administrative audits of the University.

At the University, she was nominated for the Charles Chambers Award in 1981. This year she served as chair of the Corporate Controller's Opinion Survey Response Committee, A Notary for the Commonwealth of Pennsylvania, she is a member of the Institute of Internal Auditors.



Lydia P. Abdullah

In the community, she serves as secretary of the Parent/Teachers Association of the Mt. Nittany Christian School.

Dr. Jones came to the University in 1977 from Lock Haven University, where he served as assistant dean of student life and assistant director of admissions. He was an area coordinator in the residence halls and



W. Terrell Jones

assistant director of residential life programs in East Halls before assuming his current position in 1984.

He has served as president of the Forum on Black Affairs and as chair of its University Community Relations Committee. Since 1980, he has been coordinator of the University Intergroup

Relations Program, for which he has developed and implemented a one full-day workshop for University staff that focuses on increasing sensitivity to culturally different students and staff.

In the community, he has been a member of the Centre County Advisory Council of the Pennsylvania Human Relations Commission since 1986 and currently serves as its chair.

Dr. Jones received a B.A. degree from Lock Haven University and M.Ed. and D.Ed. degrees from Penn State.

The Administrative Fellows Program is designed to provide an opportunity to enhance the administrative talents and qualifications of women and minorities by involving them in mentorship experiences with top-level administrators at the University.

The program provides opportunities for Fellows to participate in a wide range of decision-making processes, learning activities, and program management, so that they are better equipped to handle the challenges of higher education administration. The Fellows Program also will help create a pool of qualified women and minorities for potential senior level administrative vacancies.

Focus on Diversity

Students attend Minority Health Careers Institute

Twenty-six minority students from Pennsylvania high schools completed a free three-week summer academic program at the University.

The Minority Health Careers Institute, offered by the College of Health and Human Development for the past three years, provides seminars for minority students who are interested in health careers.

The seminars prepare students for the transition to college life by providing opportunities to develop effective study skills, explore career options in the health field, observe clinical practitioners at work and consult with minority professionals in health care.

Seminars are taught by faculty in clinical psychology, communication disorders,

health education, health policy and administration, and nutrition.

Students who have completed their junior year in high school are eligible for MHCI. Each student must submit a letter of recommendation from a teacher or

counselor, a brief essay, the results of the Preliminary Scholastic Aptitude Test and a high school transcript.

MHCI is one of several College of Health and Human Development programs offered for minority students interested in

the health professions. Approximately 90 percent of the cost of MHCI is funded by a grant from the U.S. Department of Health and Human Services; the rest is funded by Penn State.

Dionne Warwick, Diego Rivera are featured

Throughout her career, Dionne Warwick has been known for her soulful voice and her subtly rendered interpretations. Her appearance with conductor John Williams and the Boston Pops Orchestra showcases some Warwick classics as well as some contemporary selections at 9 p.m. Friday, Sept. 1, on *Evening At Pops* on WPSX-TV.

Mexican artist Diego Rivera is credited with reintroducing classic Renaissance fresco painting as part of the architecture of public buildings and spaces. He also inspired the WPS program, which supported such artists as Jackson Pollock, Ben Shahn and Arshile Gorky. During a series of visits to the United States in the

1930s, Rivera created major works in San Francisco, Detroit and New York.

"Rivera in America," airing at 10 p.m. Monday, Sept. 4, on *American Masters*, examines these murals and the controversy that surrounded them. The program also includes interviews with some of Rivera's assistants, friends and art historians.

The Campaign for Penn State

Gift establishes Arthur Andersen professorship

The Arthur Andersen Professorship in Accounting has been established at the University with a \$125,000 gift from Arthur Andersen & Co. and University alumni working for that firm. The funds will be used to provide research and teaching support for **Barry E. Cushing**, an expert in accounting information systems, auditing, managerial accounting and the economics of information.

"Arthur Andersen & Co. has made substantial financial contributions to the accounting program at Penn State over many years," Charles H. Smith, chairman of the Department of Accounting and Management Information Systems, said. "The firm's Penn State alumni have been similarly supportive of their alma mater, and the commitment of funds for the

Arthur Andersen Professorship reflects their desire to continue such support at an even more meaningful level."

A worldwide company of 46,000 partners and employees, Arthur Andersen conducts interviews with 40,000 recruits in the United States each year and turns to Penn State for a substantial number of those individuals.

"We view Penn State as a prime recruiting school because of the size and quality of its accounting program," John W. Higbee, Arthur Andersen audit partner, said.

A strong faculty is crucial to maintaining the strength of the program and the preparedness of the people graduating from it, he noted.

According to Mr. Higbee, many of the

more than 200 Penn State alumni working for Arthur Andersen made contributions toward the new professorship, gifts which were matched by the Arthur Andersen Foundation.

Dr. Cushing, who teaches at both the graduate and undergraduate levels, joined the College of Business Administration in 1986. Before then, he was a professor of accounting at the University of Utah for nine years and department chairman for three years. He also has taught at the University of Texas at Austin and Michigan State University.

A Certified Public Accountant, he holds bachelor's and doctoral degrees from Michigan State.

Dr. Cushing is the editor, coeditor or coauthor of five books, the author of

numerous scholarly articles and an editorial board member for two scholarly journals. He also has been both director of research and an executive committee member with the American Accounting Association.

Mr. Higbee, who played a key role in arranging the professorship gift, is a 1966 Penn State graduate. Working closely with him was Arthur Andersen Partner James L. Matheny, a 1964 Penn State alumnus and member of the College of Business Administration Alumni Society Board of Directors.

Arthur Andersen founded the firm nearly 75 years ago in Chicago. It is now one of the world's largest public accounting, and tax advising and consulting firms.

By Louis Pappan

Beaver Campus pledge is made

Louis D. Pappan, owner of Pappan's Family Restaurants Inc. and Roy Rogers Family Restaurants Inc., has announced a pledge of \$25,000 to the Special Gifts Campaign at the Beaver Campus. The gift will designate for support of the new Hotel, Restaurant and Institutional Management (HRIM) program currently in development at the campus.

"We at Pappan's and Roy Rogers are happy to be part of the Beaver County community," Mr. Pappan said. "This pledge gives us the opportunity to help the people of this area. The strength and future of Beaver County is in education. I couldn't be happier to be part of Penn State and the HRIM program."

The HRIM program will offer students a two-year associate degree and will provide a variety of theoretical and practical coursework and training, both in the classroom and at on-site locations.

The Special Gifts Campaign, titled "Paving the Pathway to Progress," is the Beaver Campus component of the

University's ongoing, six-year plan to raise \$300 million for academic and faculty support and development at University Park and throughout the Commonwealth Educational System. The local campaign also is designed to enhance economic revitalization in the area through increased development of partnerships between the campus and the business community.

"As a member of the Beaver Campus Advisory Board, Lou Pappan has shown his commitment to the importance of higher education in Beaver County; as a businessman, he has shown his understanding of this area's growth potential," David B. Otto, Beaver Campus executive officer, said. "We're proud to announce this Pappan/Penn State Partnership."

Thomas P. Wollawar, president, Tuscarora Plastics Inc. and chairman of the Penn State Beaver Campus Special Gifts Campaign, said the goal of the Campaign is \$440,000.

Three faculty members in the College of the Liberal Arts have received grants-in-aid for postdoctoral research from the American Council of Learned Societies.

Gary W. Gallagher, assistant professor of history, will receive funds to do additional research on Jubal A. Early, a prominent Southern general in the Civil War and later a fervent apologist for the fallen Confederacy.

Londa L. Schiebinger, assistant professor

of history, will use her grant to pursue research on the theme: "The Politics of Difference: Analogies Between Sex and Race in 18th Century Anatomy."

Caroline D. Eckhardt, professor of English and head of the Department of Comparative Literature, is the third recipient of a grant, which will enable her to complete her edition of a Middle English manuscript, *Thomas Costello's Chronicle*.

Grants-in-aid from the American Council

Kent Homes in 1958 and Bernard Hankin Builders, later renamed Hankin Group, in 1969.

"The Hankin professorship has been the keystone of Penn State's program in residential building construction," Dean John A. Brighton said. "It was a major factor in bringing the Designated Housing Research Center to the college, and its elevation to a chair will enable us to remain in the vanguard of research and technology transfer in residential and light building construction."

The University center is one of 13 in the country and is a nationally recognized leader in research and development in residential construction engineering and management.

Mr. Hankin is a member of the University's Board of Trustees. He also is a 1988 Penn State Alumni Fellow and a 1984 College of Engineering Outstanding Engineering Alumnus.

Mrs. Hankin is a member of the board of directors of the Northern Chester County Nurses Association and is active in the Red Cross.

Three faculty receive grants for research

of Learned Societies were made possible in part by grants from the John D. and Catherine T. MacArthur Foundation, the Andrew W. Mellon Foundation and the National Endowment for the Humanities.

The American Council of Learned Societies, headquartered in New York City, is a private, non-profit federation of 40 national scholarly associations dedicated to the advancement of humanistic studies in all fields of learning.

Red Cross blood drive

The Centre Communities Chapter of the American Red Cross kicks off its fall schedule at University Park from 10 a.m. to 4 p.m. Tuesday and Wednesday, Sept. 5 and 6, in the Hetzel Union Building Ballroom.

Though "walk-ins" are welcome, faculty and staff are encouraged to preregister to donate blood. They may do this prior to each drive by calling Connie Schroeder at 237-2713. They should have their donor ID cards handy when calling. Preregistered donors can save about 15 minutes, and the entire process will take about an hour.

Fall 1989 campus blood schedule

Date	Day	Location	Time
Sept. 5	Tuesday	HUB Ballroom	10 a.m. to 4 p.m.
Sept. 6	Wednesday	HUB Ballroom	10 a.m. to 4 p.m.
Sept. 12	Tuesday	Natorium	noon to 5 p.m.
Sept. 27	Wednesday	Wagner Armory	10 a.m. to 4 p.m.
Oct. 11	Wednesday	101 Kern	10 a.m. to 4 p.m.
Oct. 12	Thursday	White Lobby	noon to 5 p.m.
Nov. 7	Tuesday	Waring Commons	1 p.m. to 7 p.m.
Nov. 8	Wednesday	Findlay Union	1 p.m. to 7 p.m.
Nov. 9	Thursday	Simmons Lounge	1 p.m. to 7 p.m.
Nov. 14	Tuesday	Pollock Union	1 p.m. to 7 p.m.
Nov. 15	Wednesday	Warnock Union	1 p.m. to 7 p.m.
Nov. 16	Thursday	Atherton Lounge	1 p.m. to 7 p.m.
Nov. 20	Monday	HUB Ballroom	10 a.m. to 6 p.m.
Nov. 21	Tuesday	HUB Ballroom	10 a.m. to 4 p.m.
Dec. 14	Thursday	Physical Plant	9 a.m. to 3 p.m.

Faculty/Staff Alerts

Chain letters

Chain letters are being circulated within the University, and they are a nuisance to Mail Services and the recipients. Policy AD-13 of the University Policy Manual prohibits

using interoffice mail for personal business. University employees need to be informed that disciplinary action will be taken if caught circulating chain letters. If you receive a chain letter, please forward it to Mail Services to aid in the investigation of this problem.

In Lehigh Valley Writing institute is formed

The Penn State Allentown Campus and school districts in Lehigh Valley have formed the Lehigh Valley Writing Institute to share and refine strategies for teaching writing.

Margaret Cote, associate professor of English and Carol Membrudo, secondary English teacher at Allen High School, are directors of the institute. Dr. Cote worked with several school districts and Intermediate Units 20 and 21 for more than a year to develop the institute.

Its purpose is to enhance teachers' understanding of their own writing processes and to strengthen the ways they teach writing to their students. Fourteen teachers in grades two through 12 from eight Lehigh Valley school districts will spend the next year sharing their best strategies with each other and developing papers and presentations for school districts. Dr. Cote said.

The institute provides a three-week summer program and two group follow-up meetings. In addition, the directors spend a day with each teacher in the teacher's classroom. Participants also earn six graduate credits.

"Taking the project to the teacher's environment is critical to our institute concept," Dr. Cote said. "We want to avoid the frustration teachers often have when trying to implement ideas they glean from consultants who never see the teachers in the classroom."



Margaret Cote

"Teachers who attend writing institutes often return to their schools to find that they are without colleagues and administrative support to implement the strategies which they have developed," she added.

"Our goal is to develop a 'critical mass' of teachers in the Lehigh Valley committed to writing at all grade levels and in all subjects who will share ideas and support one another."

Penn Staters

Michael G. Moore, associate professor of education, has received a creative programming award from the National University Continuing Education Association for his development of The American Symposium on Research in Distance Education. He also won a Significant Achievement Award for editorship and work on the publication *The American Journal of Distance Education*.

Douglas N. Cook, professor of theater arts, has received the Centennial Medallion Award from the University of Arizona at its centennial commencement. The Centennial Medallion Award is a one-time award established by President Henry Koffler to recognize the most distinguished living alumni of the University of Arizona.

C. Dale Therrien, associate professor of biology and plant pathology, is an invited member of an international commission that will travel to Poland and visit institutes and universities this summer. The commission, sponsored by

the Foundation for the Development of Polish Agriculture (FDPA), will assess the impact of potato late blight on Polish agriculture and will make recommendations for control strategy research.

Daniel Cosgrove, associate professor of biology, gave an invited lecture titled "Dynamics of Wall Relaxation in Growing Plant Tissues: Examples and Interpretations" at the Yamada Conference on Plant Water Relations and Growth Under Stress in Osaka, Japan.

Arthur E. Goldschmidt, associate professor of history, has been elected to a three-year term on the Board of Governors of the American Research Center in Egypt.

Thomas A. Hale, associate professor of French and comparative literature, gave a paper on "Oral Performance in Songhai and Soninke: New Evidence from Old Narratives for a Broader View of the Mande Diaspora" at the 15th

annual meeting of the African Literature Association in Dakar, Senegal.

J. Cordell Hatch, professor of agricultural communications, currently on assignment in Pakistan, has been recognized by the United States Agency for International Development and Pakistan Agricultural Research Council for "Superior Performance" as information transfer adviser and for contributing significantly to the establishment of a nationwide system of agricultural communications.

Walter P. Kilareski, associate professor of civil engineering, has been appointed to the Expert Task Group, "Experimental Design and Analysis," for the Strategic Highway Research Program/Long-Term Pavement Performance (SHRP/LTPP).

Edward H. Kleivans, professor and head of the Department of Nuclear Engineering, has been appointed to the recently formed Committee on Future Nuclear Power Development. The

committee was appointed by the National Research Council, the principal operating agency of the National Academies of Science and Engineering.

Gary H. Koopman, professor of mechanical engineering and director of the Noise Control Laboratory, has been named Fellow of the Acoustical Society of America for his outstanding contributions in the area of structural acoustics and noise control.

Rustum Roy, director of the Science, Technology and Society Program and Evan Pugh professor of the solid state, gave one of the plenary addresses at the fifth Scandinavian Symposium on Materials Science in Copenhagen. In Stockholm, Dr. Roy addressed the joint colloquium of the Inorganic and Structural Chemistry faculties at the University of Stockholm and made two presentations at the Royal Institute of Technology. He also addressed the colloquium of the Metallurgy and Materials Science Department at Oxford University, England.



From left are Mrs. Charles R. Chambers; Russell J. Rossman Sr., recipient of the Chambers award; and Kenneth S. Babe, corporate controller.

Chambers award

Russell J. Rossman Sr., assistant University auditor, has received the 1989 Charles R. Chambers Memorial Award.

Established in 1979 by the family and friends of the late Mr. Chambers who was director of accounting at the University from 1967-77, the award honors employees of the Controller's Office who "exhibit a conscientious and dedicated attitude toward their professional responsibilities above that normally expected or required." Mr. Rossman, who graduated from East Penn Valley High School, earned a B.A. from the University of Maryland as well as a master's degree from the University of Richmond. Before coming to the University, he held comptroller positions at various U.S. Air Force bases.

In 1973, he was named senior auditor in the Auditing Department of the Controller's Office. In 1974, he was promoted to audit manager, and in 1982, was named to his current position.



Joan Brooks, secretary, dean's office, College of Education, and Dan Brooks, assistant supervisor, support services, Audio-Visual Services, have completed 25 years service at the University.

News in Brief

Libraries' Fall Semester hours

The University Libraries will be open during the following hours this fall through Dec. 31:

Pattee: Monday to Thursday, 7:45 a.m. to midnight; Friday, 7:45 a.m. to 5 p.m.; Saturday 8 a.m. to 9 p.m.; and Sunday, noon to midnight.

The following units will be open: Monday to Friday, 8 a.m. to 5 p.m.; Historical Collections and Latin Archives; Interlibrary Loan, Penn State; Room (open Saturday, 9 a.m. to 1 p.m.); Photoduplication and Rare Books Room.

Branch libraries and reading rooms (outside Pattee) will be open: Monday to Thursday, 7:45 a.m. to 11 p.m.; Friday, 7:45 a.m. to 9 p.m.; Saturday 8 a.m. to 9 p.m.; and Sunday, noon to 11 p.m.

Pollock: Monday to Friday, 9 a.m. to midnight; Saturday, 1 p.m. to midnight; and Sunday, noon to midnight.

On Labor Day, Monday, Sept. 4, the Libraries will open at noon.

Project proposals sought

The Computer Based Education Lab (CBEL), a unit of the Center for Academic Computing, invites University faculty members to submit a proposal for possible funding or staff support to the 1990 Faculty Project Support selections.

The CBEL unit is dedicated to assisting faculty who wish to integrate the computer into their classrooms. To this end CBEL provides support in the form of project grants or staff support (instructional designers, programmers, graphic artists) to faculty members whose ideas for integration reflect an appropriate solution to a curricular problem.

Faculty submitting proposals do not need to have computing skills, and faculty from all colleges, schools, and CES locations are encouraged to submit their ideas. CBEL's support varies with individual needs, but encompasses courseware purchases or development,

interactive technologies, and artificial intelligence projects.

The CBEL Faculty Project Support proposal packets for the 1990 calendar year are available from CBEL, 12 Willard Building, University Park. The deadline for proposal submission is Oct. 9. Decisions will be made by Dec. 1. To request a packet or telephone for more information, call (814) 264-1654.

Fulbright program

The U.S. Information Agency is seeking applicants for its 1990-91 Fulbright Exchange Program.

The Teacher Exchange Program involves a one-on-one exchange for teachers at the elementary, secondary and postsecondary levels with suitable teachers overseas. The 1990-91 overseas exchange programs will likely involve Argentina, Belgium/Luxembourg, Brazil, Canada, Chile, Colombia, Cyprus, Denmark, Federal Republic of Germany, France, Hungary, Iceland, Italy, Mexico, The Netherlands, Norway, Philippines, Senegal, South Africa, Switzerland and the United Kingdom.

The program also provides opportunities for teachers to participate in summer seminars to be held in Italy and The Netherlands.

For applications, which are due Oct. 15, and more information, contact Elizabeth Smith at 865-7681.

Research grant

Richard N. Artea, associate professor of horticultural physiology, and **Allan T. Phillips**, professor of biochemistry, have received a \$237,000, three-year research grant from the Physiological Processes Program of the National Science Foundation.

The winning study proposal is titled "Mechanism of Hormonal Induction of ACC Synthase." ACC synthase is a protein in most plant tissue that regulates ethylene, a hormone that regulates many physiological processes in plant tissues.

The study will focus on the detailed mechanisms for the regulation of ACC synthase, both at the enzyme level and at the level of transcriptional control. Its goal is to improve understanding of how hormones affect ethylene production.

International TV programs

Viewing of Russian, French and Spanish TV programs is now possible at 222 Bouckee Building.

The University Office of International Programs is offering this service to give internationals an opportunity to view programs that reflect their national, ethnic, linguistic or cultural background, and to provide Americans with an international experience. These programs may be especially beneficial to those with an interest in language acquisition or cultural awareness.

The schedule on Channel 12, the University Park Network, is: 4 to 5 p.m., U.S.S.R. programming (Russian language); 5:05 p.m. to 10:25 a.m., Spanish International Network; and 11 a.m. to 4 p.m., French (from Canadian Broadcasting Corp.).

Individual walk-in requests to use headphones for viewing of satellite programs can be accommodated when the TV is not used for other purposes. This also is possible from 6 to 9 p.m. Monday through Thursday.

Faculty/staff authors

The Penn State Bookstore on campus invites all faculty/staff authors to contact the bookstore with information on current or upcoming books.

The Penn State Bookstore maintains a faculty/staff authors section in the general book department. The department is constantly seeking information on books being published by members of the academic community. The bookstore also supports a "Featured Authors" program in which local authors participate in book-signings throughout the year.

Contact Elizabeth K. Wilson at 865-3250 if you have recently published a book or expect to have a book published this fall and would like to have the bookstore stock the book. Book-signings also can be arranged at the request of interested faculty staff members.

Study volunteers sought

Snow shoveling study being conducted at Noll Laboratory at University Park needs male volunteers 50 to 60 years of age. Subjects will be asked to shovel at three different work loads in two cool environments (40 degrees Fahrenheit) and one neutral environment (68 degrees Fahrenheit) while blood pressure, heart rate and heart electrical conductivity are measured.

The study is designed to investigate the stress placed on the heart while shoveling in a cool environment. Subjects should be in good physical health, non-smokers and non-hypertensive.

If interested, contact Jack Emmett at Noll Laboratory at 865-0525 or at home at 234-2691 for further information.

Workshop for secretaries

Penn State Continuing Education is offering a one-day workshop titled English Grammar for Secretaries, which will introduce participants to the correct use of punctuation and grammar.

Two sections of the workshop will be offered - one on Thursday, Oct. 26, the other on Thursday, Nov. 9. Each is scheduled from 8:30 a.m. to 3:30 p.m. in the Keller Conference Center at University Park. Registration fee is \$90.

Students will learn to use these mechanics to improve their writing style. Systems for proofreading and trends in business and professional written communications also will be covered.

For more information about the workshop, contact Penn State Continuing Education at (814) 865-3443.

Two faculty members receive Fulbright grants

Charles Croskey, associate professor of electrical engineering, has been awarded a Fulbright teaching and research grant to the Helsinki University of Technology (HUT) in Helsinki, Finland.

Dr. Croskey will work with Professor Martti Hallikainen on research in microwave radiometry during the spring 1990 semester. He also will teach courses in microwave remote sensing.

Dr. Croskey, who works in the Communications and Space Sciences Laboratory, has developed the only continuously operating, ground-based remote sensing station in the United States

for the measurement of water vapor in the upper atmosphere.

Melvin Westerman, associate librarian in University Libraries, has been awarded a Fulbright grant to Cranfield Institute of Technology in England.

He will be attached to the graduate Management Library to gain insights into its support to small, technology-based businesses affiliated with the Institute.

Mr. Westerman holds bachelor of arts and master of public administration degrees from Penn State. He earned a master of science in library science from Drexel

University in Philadelphia. He has been active in the Special Libraries Association, American Library Association and the

International Association for Social Science Information Services and Technology. He previously was an exchange librarian to a graduate business school in Lima, Peru.

Obituaries

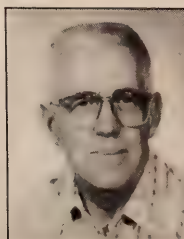
William R. Clark, University physician, Student Services, from Aug. 2, 1976, until his retirement May 1, 1988, died Aug. 20. He was 62.

Robert D. Fellows, retired associate professor of mechanical engineering, died

Aug. 20 at the age of 89. He joined the faculty Feb. 23, 1924, and retired Aug. 1, 1963.

Hilda M. Carr, secretary, Intercollegiate Research Programs, from April 1, 1963, until her retirement April 1, 1974, died Aug. 17 at the age of 76.

25-year award recipients



Completing 25 years of service at the University are, from left, Ardeith L. Frisbey, assistant director, Office of International Students; Robert Peters, technician, Fruit Research Laboratory; Biglerville; Frederick A. Saylor, director, Budget and Financial Operations,

Commonwealth Educational System; Gene Staub, technician, Fruit Research Laboratory; Laurence L. Yeager, marketing agent, Penn State Cooperative Extension.

Pennsylvania College of Technology

Formerly The Williamsport Area Community College

PENNSTATE



Fall Semester 1989



'Many programs are perfect lead-ins.'



'I think we will produce better students.'



'We want to be Penn State involved.'

Bob Breuder's vision for Pennsylvania College of Technology is simple.

"I see us as THE institution in Pennsylvania providing undergraduate technical education in emerging technologies. This simply will be the best place to go for students desiring that kind of education."

Dr. Breuder, who became president of the Williamsport Area Community College (WACC) in March, 1981, is looking forward to the challenges and opportunities of leading the college in its new affiliation with Penn State.

"I'm intrigued with the potential of linkages of a number of our academic programs to baccalaureate-level programs," he said. "Many of our programs are perfect lead-ins to baccalaureate programs at Penn State."

"The new affiliation has tremendous potential for students who can now come here with the understanding that they may be able to advance to baccalaureate and graduate degrees without leaving the campus."

"I think we will produce better students, and we are not in any way-ashamed of what we've produced in years past."

WACC was established in 1965 by expanding the programming of the Williamsport Technical Institute. When the college's original sponsors-20 public school districts in a 10-county region-withdrew their funding support, the City of Williamsport assumed responsibilities

of local sponsorship on the condition that a permanent solution be found.

"While the 20 school districts sponsored the college for 20 years," Dr. Breuder said, "it was not a good situation, and by 1985, it was clear the relationship had to change if the college was to prosper and grow. The possibility of affiliation with Penn State developed because we had worked with the University in the past."

Over the past year, University and college officials have worked to create the Consortium for Advanced Manufacturing Productivity, Inc. (CAMP). The consortium, in partnership with the Susquehanna Economic Development Agency-Council of Governments (SEDA-COG), was able to secure a \$900,000 grant from the Commonwealth of Pennsylvania to establish an Industrial Resource Center based on the Williamsport campus.

"The single most exciting thing I see in this new affiliation with Penn State," Dr. Breuder said, "is in the area of economic development and technology transfer."

"Penn State's reputation for research and development is one of the best. But colleges and universities have not done a good job of transferring technology onto the factory floor."

"As WACC, we have had a close working relationship with business and industry. They have always been strongly supportive of us. Now we have the ability to

participate with Penn State and serve as a much more effective conduit between business and industry."

Prior to becoming president of WACC, Dr. Breuder was provost for institutional advancement at Brevard Community College in Cocoa, Fla. Previously, he served as assistant professor of higher education at the Florida State University. Considered a pioneer in the international educational movement in community colleges, he holds a Ph.D. in higher education administration from Florida State and M.S. and B.A. degrees from the State University of New York at Albany.

During his tenure at WACC, more than \$35 million has been expended on new buildings and renovations. The physical plant currently is valued at more than \$100 million, with no local debt. Of the 41 programs in technical education at Pennsylvania's community colleges, 22 are at Williamsport.

"We are unlike anything else in the Penn State system," he said. "Technical programs are very equipment intensive. We emphasize a practical hands-on approach, feeling the best way to teach our students is to integrate practice and theory."

"We want to be Penn State involved. We're incredibly proud of this affiliation. At the same time, we want to maintain our individuality and build on the things that made us attractive to Penn State in the first place."



The Robert L. Breuder Advanced Technology and Health Sciences Center houses the college's emerging technology programs.

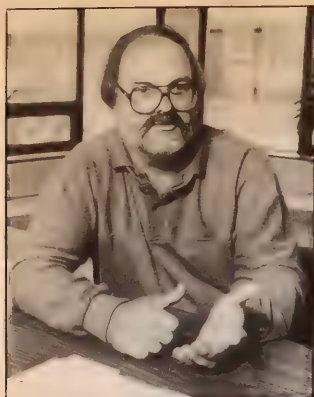
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Written by Bill Campbell

Photographs by Scott Johnson



Miles Williams

Transition requires many changes

Don't blame **Miles Williams** if new signs, stationery, forms and graphics are on his mind much of the time these days.

As dean of employee and community relations, Dr. Williams is responsible for many of the changes taking place as the former Williamsport Area Community College becomes Pennsylvania College of Technology.

"The number of things that must be done to pull off this transition is overwhelming," he said. "It has required a tremendous amount of planning, anticipating and follow-through to do all the things necessary to make it happen."

"We expect that it will take nearly two years to replace all our in-house forms and signage and complete the conversion of all of our graphics. It would have taken even longer except for the spectacular assistance we received from Penn State's institutional relations staff."

Other changes in policies also are taking place.

"Among the five pages of priority items we've been dealing with," Dr. Williams said, "is getting confirmation from the U.S. Department of Education on our change of name and status. Until that is done, we're not able to hire work-study students."

One of the new policies already implemented is the tuition reduction for faculty, staff members and dependents

at Penn State and Penn College who want to attend the other institution.

According to Dr. Williams, the college's new affiliation with Penn State is seen by the public as a tremendous boost for the community.

"As we come to know Penn State better, we'll find more potential in this affiliation, and the community also will come to see more and more its potential."

He also believes the new affiliation will lead to dramatic enrollment increases.

"I fully believe that within three years, we will grow from our present enrollment to that of 4,500 to 5,000 full-time equivalent students," he said.

"I'm firmly convinced that the increased strength derived from our association with Penn State is going to make this college a national mecca for business and industry leaders who want to learn about the very most recent developments in production capability."

"That's something we couldn't do alone, but I believe we'll be able to do it with the Penn State affiliation."

Dr. Williams, who has been dean at the college since 1981, previously served as state director for teacher education and certification with the Idaho Department of Education. He received a Ph.D. in higher education administration from Florida State University.

Robert L. Breuder Advanced Technology and Health Sciences Center

Students look down on the lobby of the \$23 million facility which opened in 1987 and recently was dedicated in honor of President Breuder.



Future prospects are bright Enrollment expected to increase

Pennsylvania College of Technology's enrollment is expected to increase significantly this year, and-with its new affiliation with Penn State-prospects for the future are even brighter.

"There is a 19 percent increase in new applications and a 27 percent increase in tuition deposits compared to this time last year," **William J. Martin**, dean of student services, said.

"In 1985, enrollment dropped when we lost sponsorship of the sponsoring school districts and continued to decline in 1986. This year we expect an all-time high enrollment of nearly 3,500 FTE students."

"And, our affiliation with Penn State probably has not yet had an impact on enrollment. When it was announced, most students already had made a decision. The major impact from our affiliation-in terms of increased student enrollment-probably will come in the next two to three years."

Dr. Martin attributes the enrollment increase at the former Williamsport Area Community College (WACC) to:

-A change in the curriculum portfolio in the last five years with increased emphasis on new and emerging technology. "The fact that we have a 93 to 97 percent placement record of our students hasn't hurt our position."

-A rebuilding of the campus that has greatly increased

its physical attractiveness.

-A dramatic change in recruiting strategies and advising programs. "Through our intake program," Dr. Martin said, "students are better prepared for classes before they actually begin. And our Advisement Center received a national award in 1987 as the outstanding advising program among two-year colleges in the country."

Dr. Martin, who received his Ph.D. in educational administration from Penn State, joined WACC in 1983 as director of secondary vocational programs and moved to his present position in January, 1985.

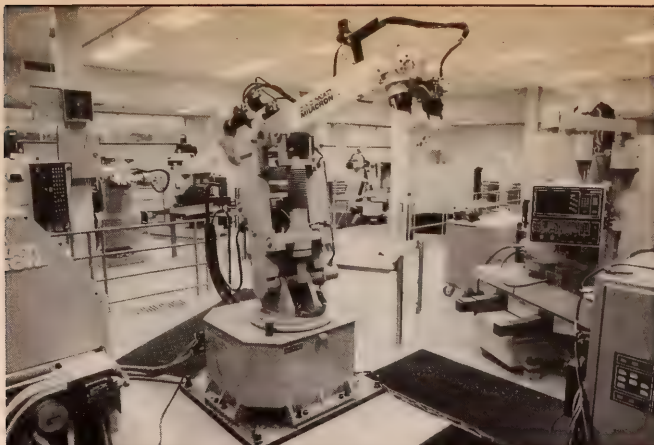
He believes the college's affiliation with Penn State will bring about significant changes in student services.

"For one thing, there is no housing on campus, and student housing in the area is limited. As we develop new programs and enrollments increase, we'll be looking at ways of developing housing which will bring with it a whole new segment of students who will be interested in residential life programs."

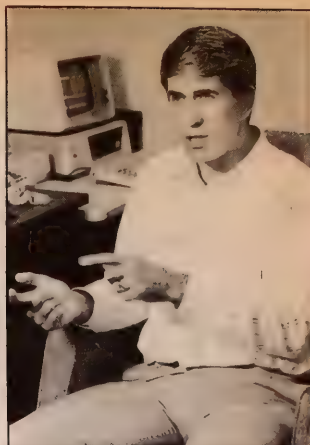
"We also expect an increase in traditional college age students who will demand more student services, such as intercollegiate athletics. And, an expected increase in numbers of students who want to transfer to a four-year institution will bring a demand for more programs designed for transfer students."



William J. Martin



Automated manufacturing lab



James E. Middleton

Students get hands-on experience

Sophisticated equipment pays dividends

Pennsylvania College of Technology's impressive array of sophisticated equipment pays major dividends.

"When students tour our facility," says **James E. Middleton**, dean of academic affairs, "90 percent of them enroll."

"The college has had a longstanding commitment to work with full scale industrial equipment rather than tabletop models. There is a great deal more cost involved, but students get the opportunity to work on the real thing."

The college's programs are housed on the central campus in Williamsport, the Earth Science Center in Allenwood/Montgomery, the Aviation Center, adjacent to the Lycoming County airport in Montoursville, and the North Campus, located near Wellsboro.

The Advanced Technology and Health Sciences Center opened on the central campus in 1987 and recently was dedicated in honor of President Breuder. It provides training in a new generation of technologies, including fiber optics, automated manufacturing, plastics, robotics and laser technology.

Since 1982, the college has expended \$1,000 per FTE student on equipment, with much of the funding coming from the federal government.

"The focus of our curriculum truly is different," Dr. Middleton said. "A larger percentage of credits in our technology programs are allocated to laboratory, hands-on experience. General education is still a critical component, but the emphasis is more toward technical career preparation."

With Pennsylvania College of Technology's affiliation with Penn State, Dr. Middleton, whose academic background is in English and literature, anticipates a growth in general studies to provide a more balanced academic program.

"Most community colleges in Pennsylvania looked toward being junior colleges and then added components of technical, occupational education," he said. "Our history here is that we started as the Williamsport Technical Institute with a heavy emphasis on industrial programs."

"We later added the liberal arts to the technical offerings to become a more comprehensive institution. While

technical education will continue to be emphasized, we feel the comprehensiveness of the institution is critical and will work to improve the balance. The important thing about our mission is that we are not surrendering one area for the other."

Dr. Middleton, who joined the college in 1982 as director of the Integrated Studies Division, received B.A., M.A. and Ed.S. degrees from the University of Iowa; M.A. from the University of Leeds, England, and Doctor of Arts from the University of Michigan.

Noting that Penn College currently offers more than 70 academic programs, many of which closely parallel offerings available at Penn State, he said the new affiliation provides opportunities for expanded programming.

"We are looking for niches rather than competing where programs already exist. For example, there is only one baccalaureate program in dental hygiene in the state."

"Our affiliation with Penn State provides some interesting opportunities to move beyond the standard way of programming. We hope to take full advantage of these in developing future initiatives."



Dental Hygiene Clinic

The North Campus

Pennsylvania College of Technology's North Campus is located on Route 6 between Wellsboro and Mansfield in the former Charleston School, which was donated by the Wellsboro School District and completely renovated in 1983.

The campus offers career programs, transfer programs in the liberal arts and sciences, non-credit and continuing education courses, and an on-going schedule of special seminars and workshops.

In addition to classrooms, a student lounge and a library, the campus features modern, well-equipped nursing and computer labs.

"It is a small, but growing, campus with a tremendous amount of community pride," **Miles D. Williams**, dean of employee and community relations, said. "The abandoned elementary school donated by the Wellsboro School District has been converted into a facility now valued in excess of \$1.5 million."

"Last year the campus had an enrollment of 115 FTE students, most of whom were non-traditional, part-time students from Wellsboro. Even though we are now Pennsylvania College of Technology, the school district provides support for residents to attend the campus just as if it were still a sponsor of the college."

The North Campus has plans for continued expansion—including additional programming for secondary vocational-technical students, additional college programs, and an increased emphasis on personal, career and business development—as a means of meeting the special needs of area residents and employers.

Rep. Alvin Bush chairs board of directors

Overall policy approval for the new Pennsylvania College of Technology is the responsibility of an 11-member board of directors.

Under legislation establishing the college as an affiliate of Penn State, the board will consist of nine members appointed by the Corporation for Penn State and two by the leadership of the General Assembly.

At its first meeting early this month, the board elected as its chair Rep. **Alvin C. Bush**, of Muncy R.D. Lycoming County representative to the State House of Representatives.

Rep. Bush (R-84th) was the prime sponsor of legislation establishing Pennsylvania College of Technology and the individual who originally approached Gov. Robert Casey about the prospects of affiliation with Penn State.

A longtime advocate of community colleges, he served on the legislative conference committee whose work led to the establishment of the community college system in Pennsylvania in the early 1960s. He also played a leadership role in securing special financial incentives for community colleges which developed unique and advanced technology programs.

Elected vice chairperson of the board was **Richard E. Grubb**, senior vice president and dean for the Commonwealth Educational System.

Dr. Grubb, who was Pennsylvania Secretary of Agriculture from 1985 to 1987 during the Thornburgh administration, has served the University in various capacities for 28 years.

Other board members appointed by the Corporation for Penn State are **William C. Richardson**, executive vice president and provost of the University, **Steve A. Garban**, senior vice president for finance and operations; **Carol**



Participants in Pennsylvania College of Technology's first convocation included, seated, from left, State Rep. Alvin C. Bush, President Jordan, President Breuder and John Young; standing, from left, State Sen. Roger Madigan, Delbert J. McQuaide, Richard E. Grubb, Kathryn W. Lumley, and State Rep. Thomas Dempsey.

Herrmann, vice president for administration; **John A. Brighton**, dean of the College of Engineering; **C. Gregory Knight**, vice provost and dean for undergraduate education; **Kathryn W. Lumley** of Jersey Shore R.D. 2, author of children's books, co-founder of the national Reading is Fundamental Program, and Lycoming County civic leader; **William D. Davis** of Williamsport, chairman of the board.

president, and chief executive officer of Commonwealth Bancshares Corp.

Two legislators appointed to the board by the General Assembly leadership are State Sen. **J. Doyle Corman** (R-34th), and State Assemblyman **Russell P. Letterman** (D-76th).

Series feature variety of speakers, entertainers

A variety of speakers and entertainers will be featured in Pennsylvania College of Technology's 1989-90 Women's Series and Performing Artist Series.

The Women's Series begins Sept. 20 with political leader Shirley Chisholm, former New York congresswoman and the first black woman ever to seek the office of president of the United States.

Author and speaker **Rita Mae Brown** will discuss her works and share her views on Oct. 25. Known from her days as a 1960s feminist-activist, she initially gained attention as a writer with her first novel, *Rubyfruit Jungle*, in 1973.

On Nov. 20, "As the Wind Rocks the Wagon," a one-woman drama featuring **Amy Warner**, will depict life along the Oregon Trail.

Philadelphia's official storyteller **Linda Goss** will perform for children and adults Feb. 27. For many years, she has been weaving tales of intrigue from her homeland in the Smokey Mountains.

Paula Danziger, a writer of unique children's books, will be on campus March 28.

The Women's Series will close April 19 with author **Joy Harjo**, whose poetry draws on American Indian history and contemporary problems.

The Performing Artist Series begins Oct. 11 with the Broadway hit "Mame," featuring singer **Patrice Munsel**. The musical boasts a four-year run on Broadway and claimed five Tony awards.

The hilarious nonsense of "Nonsense" comes to the stage Nov. 15. The long-running, off-Broadway musical centers on the lives of the Little Sisters of Hoboken, who face trouble when their convent chef accidentally poisons 52 members of the Order.

Nipsley Russell leads the cast in the energetic musical, "The Wiz," on Jan. 21, while the pulsating, fast-paced

musical, "Dreamgirls," winner of six Tony awards, will be performed Feb. 10.

On Feb. 24, the Tulsa Ballet Theatre Company will perform the operetta "The Merry Widow" and the "Mozart Violin Concerto."

Three option performances that may be included in ticket packages offered by the series are March 5, the Pittsburgh Symphony; March 24, political satirical Mark Russell (co-sponsored by WVIA-TV), and April 17, pianist

Peter Nero.

All Women's Series events will be held at 7 p.m. in the college's Academic Center Auditorium, with special workshops and readings to be announced at a later date. All Performing Artist Series performances will take place at the Capitol Theatre, 220 W. Fourth St., Williamsport. For more information on either series, contact the College Activities Office at (717) 327-4763.



Mary Pease, staff writer/photographer, College Information and Community Relations, stands in the Academic Center Auditorium, where the college's Women's Series events are presented.

The College at a Glance

—Formerly the Williamsport Area Community College, established in 1965 by expanding the programming of the Williamsport Technical Institute.

—Enrollment: 3,500 FTE students (anticipated for Fall Semester 1989), making it the University's second largest location (after University Park). More than 50 percent of the students come from outside the college's 10-county service area.

—Academic Programs: More than 70 programs leading to associate degrees or certificates in vocational and technical fields and in the liberal arts and sciences. Emphasis is on technical education. Also operates a vocational-technical training program for secondary school students and offers continuing education courses tailored to meet the needs of business and industry.

—Facilities: Central campus located on College Avenue in Williamsport; Earth Science Center in Allenwood/Montgomery; Aviation Center adjacent to the Lycoming County Airport in Montoursville, and the North Campus near Wellsboro. Physical plant is valued at more than \$100 million.

—Employment: 171 full-time faculty, and a total of 450 full-time staff.

—Budget: 1989-90 general institutional (operating and capital), \$22.8 million; auxiliary enterprises and others, \$2.3 million.

University Park Calendar

August 31— September 10 Special Events

Friday, September 1

Late registration deadline
Course drop/add deadline.

Monday, September 4

Labor Day Holiday—no classes.

Tuesday, September 5

Palmer Museum of Art, Douglas Sirk Film Series,
7:8-30 p.m., Palmer Museum of Art. *All That
Heaven Allows* (1955).

Wednesday, September 6

Palmer Museum of Art, Douglas Sirk Film Series,
7:9-15 p.m., Palmer Museum of Art. *Insultion of
Life* (1959).

Thursday, September 7

Commission for Women meeting, 10 a.m.-noon,
256 Hammond.

Palmer Museum of Art, Douglas Sirk Film Series,
7:8-30 p.m., Palmer Museum of Art. *Magnificent
Obsession* (1954).

Friday, September 8

Palmer Museum of Art, Douglas Sirk Film Series,
7:8-30 p.m., Palmer Museum of Art. *The
Tarnished Angels* (1958).

East Asian Studies, 7:30 p.m., HUB Fishbowl,
David Hess, VOA on "The Role of the Media
and the China Spring."

Saturday, September 9

Palmer Museum of Art, Douglas Sirk Film Series,
7:8-35 p.m., Palmer Museum of Art. *The
Tarnished Angels* (1958).

International Events

International Lecture Series

Dr. John Ross, executive director, Debt for
Development Committee, will discuss "Debt
for Development" from 2 to 3:30 p.m. Friday,
Sept. 8, in the International Lounge, 222
Boucke. The lecture is cosponsored by the
University Office of International Programs
and International Programs in Agriculture.



'Written on the Wind,' a film by Douglas Sirk, will be shown at 7 p.m. Sept. 8 in the Palmer Museum of Art.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5-6:10
p.m.; Saturday and Sunday, 5-6 p.m.; Morning
Edition, Monday-Friday, 6-8 a.m.; Weekend
Edition, Saturday and Sunday, 11 a.m.-1 p.m.
"Creative License," 12-30 p.m. Thursdays,
hosted by Cherie S. Lewis.

Conferences

Continuing Education Keller Building

Sept. 7-8, Personnel Law for Management—
PennDOT, Jack H. Williams, assistant professor
of administration of justice, chair.
Sept. 10-15, Credit Union National Association,
John Ezell, department head and professor of
finance, chair.

Executive Programs

Sept. 10-15, Executive Management Program #70,
Academic Program Dir. Dr. Peter D. Bennett,
associate dean and professor of marketing.

Seminars

Tuesday, September 5

Gerontology Colloquia, noon-1 p.m., 101 Health
& Human Dev. East Dr. Peter Cavanaugh and
Jim S. Ulbrecht, M.D., Center for Locomotion
Studies, on "Foot Problems in the Diabetic
Elderly."

CAMP, 4 p.m., 339 Davey Lab. Dr. Ansgar
Liebsch, KFA-Julich Lab. for Theoretical Solid
State Physics, Germany, on "Non-Linear
Electronic Effects at Surfaces."

Thursday, September 7

Physics Colloquium, 3:30 p.m., 53 Osmond Lab.
Dr. Richard Isaacson, National Science

For information about Penn State
arts and calendar events and the
weather, call 863-1234 and follow the
directions given in the recorded
message.

Foundation on Search for Gravitational
Waves—Contact Dr. Banavar 863-2055
Friday, September 8
Kaige Environmental Engineering Seminar Series
3:45 p.m. 327 Sackett Dr. Charles T.
Dreschel, Nantuxtec Univ. on Long Term
Biogeochemical Treatment of Hubbard Brook
Experimental Forests.

Exhibits

Chambers Gallery

School of Visual Arts Prints and Medallies Sept.
8-Oct. 14

HUB Galleries

Art Alley Cases:
A selection of works by HUB Craft Centre
instructors, through Sept. 1.

Clay in Process: by the SCASD Community
Education pottery class, through Sept. 29.

Art Alley Panels:

Link Meets Paper by Craig Anzelowicz with
Nigel, through Sept. 29.

Formal Gallery:

People, Places, Patterns by Henz K. Henisch,
through Sept. 22.

Palmer Museum of Art

Robert Yarber Paintings: 1980-88, through Sept.
17.

Turn-of-the-Century European Posters from the
Museum's Collection, through Nov. 5.
Bellefonte Collects, through Oct. 22.

Pattee Library

East Corridor Gallery:
Brooker Stephen Carpenter II, "Works in Clay,"
through Sept. 22.

Lending Services:

John O'Hara Movie Posters, through Sept. 15.

West Lobby Gallery:

Mary Voller, Recent Works, through Sept. 20.

Penn State Room:

Exhibit commemorating 50th anniversary of
founding of Moral Re-Armament and 80th
anniversary of Frank Buchman's Penn State
career, through Aug. 31.

Zoller Gallery

Neopunked Invitational Exhibit, through Sept.
30.

Focus on the arts

The arts on Channel 3

"Pavarotti Returns to Naples," airing at 1
p.m. Sunday, Sept. 3, on *Great Performances*
presents a portrait in song of this crowded
seaside city near the slopes of Mt.
Vesuvius. The songs are illustrated with
candid scenes from daily life and the
spectacular sights of the country. Pavarotti's
narration, laced with his sometimes
whimsical wit, explains the origins of these
characteristic songs that have become
traditional for all Italy.

Admired the world over not only as a
ballet choreographer, but also for her
outstanding contributions to the musical
theater and as a highly respected artist,
Agnes de Mille is the subject of a one-hour
performance profile on *Great Performances*
airing at 2 p.m. Sunday on WPSU-TV.

The program includes selections from de
Mille's landmark ballets (*Rodeo*, *Fall River*
Legend, *masks* (Brigadoon, *Paint Your*
Wagon, *Bloomer Girl*), and films

(*Oklahoma*, *Romeo and Juliet*) as well as
rare archival material, and an extensive
interview with this extraordinary woman.

Printmaking exhibit

An exhibition of recent works by
printmaking students in the School of
Visual Arts will be on display in Chambers
Gallery at University Park from Sept. 5
through Oct. 13.

Undergraduate students in all levels of
printmaking were invited to submit entries,
which were juried by printmaking faculty
members Robin Gibson, Bruce Shobaken
and Chuck Cave.

The exhibition focuses on different
printmaking techniques and features
lithographs, monotypes, wood cuts,
collographs, etchings and silk screens.

Chambers Gallery is located on the
second floor of Chambers Building and is
open weekdays, closed weekends.

Film series

Five films produced by Douglas Sirk will
be shown at the Palmer Museum of Art at
University Park daily at 7 p.m. from
Tuesday, Sept. 5, through Saturday, Sept.
9. The film series is sponsored in
conjunction with the current exhibition
"Robert Yarber Paintings: 1980-88," on
display until Sept. 17.

Sirk's use of vibrant technicolor and
melodramatic themes inspired Yarber's
artistic style. In the late 1970s, Yarber
attended a Sirk film festival in Berkeley,
where he heard the producer speak at a
screening of his film, "Written on the
Wind." This work in particular has had the
greatest effect on the artist.

The films scheduled are:
Tuesday, Sept. 5, "All That Heaven
Allows" (1955). A widow falls in love with
her young gardener, which arouses the
intense criticism of those around her.
Wednesday, Sept. 6, "Imitation of Life"

(1959). Though the lives of a widow and
her maid are joined by a business venture,
their true common bond lies in the anguish
suffered at the hands of their daughters.

Thursday, Sept. 7, "Magnificent
Obsession" (1954). A reckless playboy's
boasting attitude indirectly causes the death
of a physician. Later the playboy falls in
love with the physician's widow, only to
have their love end in tragedy.

Friday, Sept. 8, "Written on the Wind"
(1956). In his most garish and violent film,
Sirk captures the last days of the Hadley
family, an oil baron dynasty that declines
in sterility and death.

Saturday, Sept. 9, "The Tarnished
Angels" (1958). In what is considered to be
Sirk's finest film, a young reporter attempts
to define modern life through the escapades
of barnstorming pilots.

For more information about the films
and exhibition, contact the Museum at
(814) 865-7672.

Bookshelf

The second edition of *First Aid and Emergency
Care: Procedure and Practice*, by Collins O.
Airhihenbwa, assistant professor of health
education, has been published by Kendall/
Hunt Publishing Company.

The book gives instructions on what to
do for a variety of medical emergencies,
including heart attacks, choking, poisoning,
burns, drowning, shock and specific
injuries. It also includes a section on the
Heimlich maneuver, prepared with the
support of the creator of the technique, Dr.
Henry J. Heimlich.

Illustrations and photos demonstrate the

first aid methods. Although primarily
designed for college students, the book also
can be used as a guide and reference source
for people trained in emergency care. Dr.
Airhihenbwa has added two chapters to
the new edition, one on "Emergency
Childbirth" and another on "Legal
Considerations in First Aid."

The book meets the American National
Red Cross and American Heart Association
requirements for standard and advanced
first aid certification and cardiopulmonary
resuscitation.

H. Reginald Hardy Jr., professor of mining
engineering and director of the Rock
Mechanics Laboratory, is co-editor with

Michael Langer of the Federal Institute for
Geosciences and Natural Resources,
Hanover, Germany, of *The Mechanical
Behavior of Salt II*, published by Trans Tech
Publications, Clausthal-Zellerfeld, West
Germany.

The volume includes 39 papers presented
at the Second Conference on the
Mechanical Behavior of Salt, held in
Hanover in 1984. The conference series
was initiated at Penn State in 1981. The
proceedings are dedicated to Edward L.J.
Potts, University of Newcastle, United
Kingdom, a long-time researcher in the field
of salt mechanics who died in 1984.

E. Willard Miller, professor of geography
and associate dean emeritus of resident
instruction in the College of Earth and
Mineral Sciences and Ruby M. Miller,
former map librarian and associate librarian
Pattee Library, are the co-authors of seven
volumes of bibliographies on the Third
World covering counties of southern and
southeastern Asia. It is published by Vance
Bibliographies.

More than 2,400 references present
material on political, economic, foreign
relations, military aspects, social and
resource developments. These seven
volumes are a part of a series of more than
25 volumes of bibliographies in preparation
on the Third World.

Appointments

Theodore R. Alter, Diane V. Brown and Paul J. Wangness have been named regional directors for Penn State Cooperative Extension.

As regional directors, they will supervise county and regional staff coordinate program development and administer budgets for their geographic regions. Pennsylvania is divided into five geographic regions and the regional director is the administrative officer for the region.

Dr. Alter, professor of agricultural economics, began his new duties as director of the southeast region July 1.

In the Department of Agricultural Economics, his major responsibilities centered on the development and implementation of extension and research programs. Those programs focused on government finance and its relationship to environmental quality, the provision of public services and economic development.

In 1985, he received the American Agricultural Economics Association Distinguished Extension Program Award for his efforts in developing a program designed to help citizens, local governmental officials and extension agents meet the increasingly sophisticated demands of government financial management and public financial policy making.

He earned his bachelor of arts degree in economics from the University of Rochester and his master of science and Ph.D. in resource economics from Michigan State University.

Ms. Brown most recently was assistant to the regional director in the southeast region. She began her new duties as regional director of the western region Aug. 1. The region consists of 17 counties.

As assistant to the director, she worked closely with the director in developing programs and priorities for the region. Her career in extension has included posts in Maryland and Iowa. She came to Pennsylvania in 1980 as a regional extension home economist in the southeast.

Her responsibilities in an eight-county area included providing program leadership in family resource management, energy, equipment and food economics.

In 1988, she received the Ruby Award, a state distinguished service award given in recognition of outstanding contributions and excellence in programming by an individual. It is the highest award given to a state cooperative extension professional. In 1985, she received the Outstanding Pennsylvania Home Economist Award from the National Association of Extension Home Economists. She is the first extension home economist in Pennsylvania to be so honored.

Ms. Brown has a bachelor's degree in home economics education from Bridgewater College in Virginia. She earned a master's degree in family management and community development from the University of Maryland. Currently, she is completing her doctorate in education in adult education from Penn State.

Dr. Wangness, head of the Department of Dairy and Animal Science and professor of animal nutrition, will direct efforts for the seven counties in the capital region. He will begin Sept. 1.

He has been head of Dairy and Animal Science since 1980 and has had responsibility for departmental programs in support of extension, research and teaching.

Named to the Penn State faculty as an assistant professor in 1972, he was promoted to associate professor in 1975 and to professor in 1980. His research efforts focused on nutrition and metabolism in farm and laboratory animals. His findings have been published in more than 50 refereed journal articles and include work with rats, sheep, cattle and swine. He won the Young Scientist Award in 1982 from the Northeast American Society of Animal Science.

Dr. Wangness earned his bachelor of science degree in agriculture-dairy science from the University of Wisconsin and his doctorate in animal nutrition and physiology from Iowa State University.



Theodore R. Alter

Allan W. Cornman has been appointed associate extension agent for Penn State Cooperative Extension in Schuylkill County.

Mr. Cornman, who is responsible for developing and coordinating 4-H programs, earned a master's degree in animal science from Virginia Polytechnic Institute and in 1976, he earned a bachelor's degree in animal industries from Penn State, specializing in ruminant nutrition.

In 1980, he was an assistant county agent in Butler County, coordinating livestock programs. He worked as a farm enterprise salesman and a dairy and livestock specialist for Agway, and in 1987 became a regional sales manager for Vigortone National Dairy Products.

He has directed the Schuylkill County Fair and served as treasurer for both the Pennsylvania Livestock Association and the Keystone Livestock Exposition. He is a member of the American Dairy Science Association.

Eric G. Ferrin, director of the former Library Computer Services Center of the University Libraries, has been appointed as the director of the new Library Computing Services Division of the Office of Computer and Information Systems.

Library Computing Services was moved from the University Libraries last year on July 1 as part of an initiative to force closer ties between academic and library computing.

"Mr. Ferrin is doing an outstanding job in meeting some significant challenges," J. Gary Augustson, executive director of Computer and Information Systems, said.

"The closer working relationship between the University Libraries and the Center for Academic Computing will enable us to coordinate the strengths of these two offices to enhance and improve services to the entire Penn State community."

As the co-creator and lead developer of LIAS, the Library Information Access System, Mr. Ferrin has played a key role in computerizing the University Libraries. He also was the co-creator and lead developer of MicroLIAS, an innovative and unique microcomputer-based personal cataloging system with integrated access to LIAS.

In his new position Mr. Ferrin will be responsible for planning, initiating and leading the development of strategic library computing services that can meet the diverse and geographically dispersed needs of the Penn State community. He will report directly to Mr. Augustson.

Doris M. Griffith, teacher, coach and former All-American field hockey player, has been named athletic director at the Penn State Delaware County Campus.

Ms. Griffith, who has taught and coached at the campus since 1981, has been serving as acting director for the past year.

She oversees a growing athletic program that includes varsity teams competing in 10 sports. The teams compete in two conferences with local colleges and other University campuses. In addition to administrative and teaching responsibilities,



Diane V. Brown

she manages the intramural sports program for the campus' 1,800 students and coaches men's and women's tennis.

Her teaching and coaching career began in 1962 at Norristown Senior High School and included positions at Rosemont College, Lansdowne Friends School and a number of junior high schools in Delaware County.

In 1984, she was inducted into Temple University's Athletic Hall of Fame. At Temple, she played four years of varsity lacrosse and was an All-American field hockey player. She was co-captain of the undefeated 1961 team and later was a member of the Women's National Field Hockey Team.

Heleen A. Guthrie, professor of nutrition, has been appointed the first holder of an endowed chair recently established in her honor.

The Guthrie Chair was created in recognition of Dr. Guthrie's career contributions to nutrition education and research. An endowed chair is the highest honor that Penn State bestows upon a distinguished faculty member. To be named to hold the chair is a two-fold honor.

The H.J. Heinz Company Foundation of Pittsburgh contributed \$500,000 to help establish the chair, with a challenge to other food companies to fund the remaining \$500,000 needed for a full endowment.

Dr. Guthrie joined the University 40 years ago as an instructor in the Foods and Nutrition Department of the former School of Home Economics. She was promoted to assistant professor in 1954, associate professor in 1968 and professor in 1972, and became head of the Nutrition Department in 1975.

Although she relinquished her administrative duties this summer, she will continue to teach and conduct research. During the 1989-90 academic year she will spend a sabbatical leave at the University of Hawaii in Honolulu.

Her research interests include the nutritional health of mothers, infants and children in the United States and the Philippines.

She recently received the Conrad A. Elvehjem Award for Public Service in Nutrition from the American Institute of Nutrition, of which she is a past president, and the Distinguished Research Career Award from the College of Health and Human Development. She was selected by the U.S. Department of Agriculture to present this year's Atwater lectures at the meeting of the Society for Nutrition Education.

Robert Prosek has been named professor and head of the Department of Communication Disorders in the College of Health and Human Development.

Dr. Prosek is a senior researcher at the Army Audiology and Speech Center, located at Walter Reed Army Medical Center in Washington, D.C. A research speech pathologist at Walter Reed since 1972, he helped develop the research



Paul J. Wangness

program within the Army Audiology and Speech Center.

Trained in experimental phonetics, Dr. Prosek now studies the dynamics of speech and stuttering and the motor control of speech. He has published a number of papers on speech disorders, hearing evaluation and rehabilitation, and has written more than a dozen computer programs for research and clinical use in communication disorders.

In addition, he provides continuing education programs to clinical staff members at the center and teaches speech science and research design to medical residents and otolaryngologists. He also has taught in the graduate programs at James Madison University and Gallaudet University.

He is a member of the Acoustical Society of America, the American Speech-Language-Hearing Association and the Psychonomic Society, and has served on several subcommittees for the national convention of the American Speech-Language-Hearing Association.

He is associate editor of the *Journal of Speech and Hearing Research* and has been an editorial consultant to several other scholarly journals.

Dr. Prosek earned a Ph.D. in 1971 from Purdue University in speech science with a minor in bioengineering. He also holds an M.S. in speech science from Purdue and an A.B. in speech from University of Illinois, Urbana.

Russel S. Vaughn, formerly director of information resources at Cornell University, has been appointed director of the new Center for Academic Computing (CAC). He will report to J. Gary Augustson, executive director of the Office of Computer and Information Systems.

The Center for Academic Computing is a consolidation of the Computation Center and the Office of Microcomputing Applications.

"This unified organization will provide faculty and staff from all University locations with a centrally managed source for computer-related information, and it will enable stronger working relationships among the various faculty and staff of the organizations that were merged," Mr. Augustson said.

"Dr. Vaughn's extensive knowledge of academic computing issues and his diverse academic interests make him an ideal liaison between the technology and the people who use it," he added.

Dr. Vaughn, who has a Ph.D. in psychology, has served on graduate committees in a number of departments and has taught both statistics and information systems. His achievements at Cornell include development of an administrative information system plan and working with the director of academic computing to coordinate computing services for the campus.

At Penn State, he will be responsible for planning, initiating and leading the development of academic computing services for the University community.

Partings

Peter C. Bazakas, assistant professor of geology and environmental science at Penn State Ogontz Campus, has retired after 30 years service.

Professor Bazakas, whose field of special expertise is earthquake and volcano study, has lectured and served as a consultant on those subjects.

He has been a panel member on area conservation forums and has been involved in local government planning.

A graduate of Boston University, he holds a master's degree in geology from the University of Massachusetts.

Patricia E. Hoffman, nutrition advisor, Agriculture, from Jan. 5, 1976, until Aug. 17.

Walter Smith, maintenance mechanic at McKeesport, from April 26, 1971, until Aug. 17.

Leona Rufus, staff nurse, Hershey Medical

Center, from July 6, 1971, until Aug. 12.

George Nicholson, community service officer at Ogontz, from Feb. 20, 1973, until Sept. 29, 1973, and from May 10, 1976, until Aug. 1, 1977.

Rita Langer, residence hall worker at Behrend, from Sept. 6, 1978, until July 29.

Barbara J. Smith, librarian assistant dean and head/associate professor, Libraries, from Sept. 1, 1970, until July 4.

Melissa Hill, editorial assistant, Hershey Medical Center, from April 19, 1977, until July 1.

Satoshi Matsushima, department head/professor of astronomy, Science, from June 16, 1967, until July 1.

Margaret Taylor, administrative assistant, Ogontz, from July 2, 1979, until July 1.

Chandra S. Vikram, senior research associate, Applied Research Laboratory, from Sept. 13, 1977, until July 1.



Peter C. Bazakas

Bookshelf

Edwin L. Herr, professor and head, Division of Counseling and Educational Psychology and Career Studies in the College of Education, is the author of *Counseling in a Dynamic Society: Opportunities and Challenges*.

The 410-page book, published by the American Association for Counseling and Development Press, is an in-depth analysis of the interaction between changing economic, technological, society and political environments, individual behavior and the form and substance of counseling.

Among the major challenges for counselors into the 21st century, according to Dr. Herr, are the global economy, shifting occupational structures, and the effects in the work place of advanced technology, changing family structures, cultural and racial pluralism; and, the growing numbers of children and adults who are at risk of academic, economic and psychological difficulty.

Faculty/Staff Alerts

Labor Day hours

Penn State Information and Directory Assistance hours for Labor Day, Monday, Sept. 4, will be 8:30 a.m. to 4:30 p.m.

Travel Services

Travel Services will offer a presentation on "How to Arrange Travel" from 9 to 11 a.m. Tuesday, Sept. 5, and 2 to 4 p.m. Wednesday, Sept. 6, in Room 101 Kern Building at University Park.

A review of travel procedures, helpful information on how to make travel reservations and a general question and answer period will be presented. Please call Travel Services at 865-0395 to confirm your attendance.

Travel Services is now providing travel related information via the EMC2 Bulletin Board titled "Travel-Service-UPD".

During the months of September and October, USAir will waive the initiation

fee of \$25.00 on any new memberships into the USAir Club program. That means you can be a member for as low as \$75.00. All applications must be processed through Penn State Travel Services. The discount is available only to new memberships.

Holiday Inn is offering government rates to Penn State at selected hotels. The University's corporate number should not be used when requesting government rates. Holiday Inn government rate ID stickers are available along with their hotel directory and contractor amenity coupons in the Travel Service Office. The coupons offer 10% discount off dinner, free continental breakfast and upgraded rooms.

Courtyard by Marriott, a suite hotel division of Marriott, also is offering government rates to Penn State. The only requirement is to book the room in advance and request the government rate. Courtyard government rate directories are available in the Travel Services Office.

Courses for faculty and staff

As a result of interest expressed by the participants in our programs, the Human Resource Development Center will be offering the following new courses for faculty and staff. Call the Center at 865-3410 for registration information.

Basic English Grammar and Mechanics A refresher course that focuses exclusively on basic principles of grammar and mechanics. Classes meet for six Thursdays beginning Nov. 2 through Dec. 14 (no class on Thanksgiving Day, Nov. 23) from 1:30 to 4 p.m. Cost: \$75.

Burnout Burnout can include anything from "feeling burned around the edges" to physical and emotional exhaustion and disillusionment. This workshop will explore possible alternatives and solutions; 1:15 to 4:30 p.m. Nov. 15. Cost: \$35.

Dealing with the "Problem" Employee Learn and practice skills that will help you work with "problem" employees; 9 a.m. to 4 p.m. Jan. 31; Cost: \$55.

The Manager's Role in Creating a Less

Stressful Workplace Discover five factors that contribute to a stressful work environment, how to recognize burnout, and strategies for reducing stress; 9 a.m. to 4 p.m. March 7; Cost: \$55.

Managing Stress through Assertiveness Workshop will focus on specific assertive techniques to use in reducing your stress level; 9 a.m. to 4 p.m. March 21; Cost: \$55.

Supervision in the Office Learn skills essential to being an effective supervisor; 9 a.m. to 4 p.m. Nov. 29; Cost: \$55.

Writing and Improving your Resume Learn how to write an effective resume for the job search; 1:15 p.m. to 4:30 p.m. Dec. 14; Free.

25-year award

Paromita Chowla, associate professor of mathematics.

Promotions

Staff Exempt

Terry L. Achey to environmental systems at Hershey.

Charles Aleksey to supervisor of safety and police services at Capital College.

Robert J. Anderson to supervisor, water tunnel model shop in Applied Research Lab.

Paula Barone to administrative assistant at Ogontz Campus.

Anna E. Bove to administrative assistant in C&S - Management Services.

Ginger Breon to financial officer in Controller's Office.

William W. Cartwright to supervisor, emergency medical services in Student Services.

Steven M. Clemons to food and beverage supervisor in Nittany Lion Inn.

Linette Courtney to assistant director of campaign and constituent relations in Division of Development and University Relations.

Wanda Davis to assistant director, conduct academic in Student Services.

W. Clayton Edwards Jr. to director of development in Division of Development and University Relations.

Katherine J. Fegley to radiology assistant manager, Business Systems at Hershey.

Donna A. Frisby to assistant extension agent in Agriculture.

Donna Garlow to clerk A, telephone operator in Academic Services.

April R. Gearhart to receptionist/typist in Business Administration.

Joane R. Ginter to administrative aide in Academic Services.

Scott A. Harrison to pesticide education coordinator in Agriculture.

Deborah Kauffman to engineering assistant in University Libraries.

Eric W. Loop to conference coordinator in Commonwealth Educational System.

James A. Mattern to assistant bursar in Controller's Office.

Albert L. Nakpil to senior systems analyst in Agriculture.

Archie L. Palmore to manager - student loans and scholarships in Controller's Office.

Carol J. Rockey to business manager in C&S - Center for Academic Computing.

Paul D. Ruskin to director of operations in School of Communications.

Roseann Sieminski to bursar in Controller's Office.

Jack W. Sinclair to conference coordinator in Commonwealth Educational System.

Lisa Skripek to clerk typist A in Business Administration.

Darrell Thomas to program director in Academic Services.

Vicki L. Van Dine to senior applications programmer/analyst in Controller's Office.

Eric Vorodi to assistant extension agent in Agriculture.

Vicki L. Weidner to coordinator, campus residential life at Altoona Campus.

Staff Non-Exempt

Beverly A. Beattie to supervisor, preadmission program at Hershey.

Maria L. Bolcavage to clinical head nurse at Hershey.

Ronald M. Copenhagen to senior research aide in Earth and Mineral Sciences.

Marcia M. Haluga to administrative assistant in Earth and Mineral Sciences.

Sandra J. Kerekgyarto to clinical head nurse at Hershey.

Kathy E. Shellenberger to research technologist in Science.

Joanne B. Thal to assistant to the financial officer in President's Office.

Clerical

Beverly L. Bell to secretary B at Hershey.

Amy L. Blair to data preparations operator B in Agriculture.

Dolores F. Brown to secretary B at Hershey.

Ceryl A. Brown to technical secretary B in Senior Vice President for Research and Dean of the Graduate School.

Filomena J. Cramer to secretary A at Hershey.

Susan J. Croyle to secretary A in Engineering.

Shirley A. Epler to secretary B at Hershey.

Karen Ewing to clerk, accounting A in Office of Physical Plant.

Bambi Jo Gates to secretary A in Agriculture.

Donna H. Gibboney to senior office secretary in Student Services.

Linda E. Hosterman to technical secretary C in Applied Research Lab.

Deborah J. Hoy to senior clerk in Division of Development and University Relations.

Mary Jane Johnson to secretary A in Senior Vice President for Research and Dean of the Graduate School.

Marcia A. Krick to secretary A at Hershey.

Michelle L. Lauzon to secretary B at Hershey.

Amy L. Mann to correspondence secretary B in Intercollegiate Athletics.

Wanda L. Martin to technical secretary B in Applied Research Lab.

Tami L. O'Connor to secretary B in Division of Development and University Relations.

Jami J. Rauch to clerk, gift records in Division of Development and University Relations.

Patricia A. Smith to secretary B at Ogontz Campus.

Patricia Thomas to clerk, publications B in Education.

Candace Wert to secretary A in Office of Physical Plant.

Technical Service

Barry R. Carolus to audio-technician A in Commonwealth Educational System.

Robert Dillon to power plant worker in Office of Physical Plant.

Albert Dreiblebis to barn worker, milkier in Agriculture.

Doreen L. Franks to maintenance worker, utility at Capital College.

Nancy C. Lowry to operating room assistant at Hershey.

Douglas Miller to equipment and locker room attendant in Intercollegiate Athletics.

Melvin E. Neal to maintenance worker, general B at Capital College.

John Noll to maintenance worker, utility in Office of Physical Plant.

Donna M. Nye to operating room instrument aide at Hershey.

Steven M. Royer to maintenance worker, general B at Capital College.

Leonard White to power plant worker in Office of Physical Plant.

Travis S. Williams to maintenance worker, utility at Capital College.

Will discuss programming

Leeds professional education director to visit

Continuing education representatives from both sides of the Atlantic Ocean will compare notes at a Penn State seminar in September.

Frankie Todd, director of Continuing Professional Education at the University of Leeds in England, will be the featured speaker during the Sept. 8 seminar at 2 p.m. in the Nittany Lion Inn Assembly Room at University Park. She will discuss "The Role of Higher Education in Continuing Professional Education."

The seminar is open to the public and is being sponsored by the Division of Continuing Education, the Division of Planning Studies and the Adult Education Program.

Those attending the presentation will have the opportunity to speak informally with Mrs. Todd at a reception following the seminar.

In March, John Leathers, director of the Division of Continuing Education, visited Mrs. Todd at the University of Leeds in cooperation with the Office of International Programs to discuss joint international



Frankie Todd

continuing education programs. He also delivered a proposal from Robert B. Sprankle of the Department of

Architectural Engineering for the development of a joint program that would introduce American engineers to various aspects of European life and business.

Mrs. Todd will meet with Dr. Leathers, Mr. Sprankle and other members of the engineering faculty to discuss the proposal. She also will meet with a delegation from the University's Division of Planning Studies, directed by Donna S. Queoney, who is serving as host for the visitor.

Mrs. Todd has been with the University of Leeds since 1988. Earlier she served for two years as the first coordinator of Continuing Education at the University of York in England. She is co-author of *Communication and Learning in Small Groups* and editor of *Planning Continuing Professional Development*.

For more information about the seminar or Mrs. Todd's visit, contact Dr. Queoney at (814) 865-7679.

Bookshelf

The development of a formal, fundamental electromagnetic field theory is the focus of *Time-Harmonic Electromagnetic Fields in Chiral Media*, authored by **Akhlesh Lakhtakia**, assistant professor of engineering science and mechanics, and Distinguished Alumni Professor **Vijay K. Varadan** and **Vasundara V. Varadan**. V.K. Varadan also is a co-director of the Center for the Engineering of Electronic and Acoustic Materials in the College of Engineering.

The book offers original insights into the structure of the electromagnetic field in a chiral medium. Through theoretical exploration of the chirality, or "handedness" of molecules or microstructures, the authors have developed possibilities for a new set of materials for electromagnetic and acoustic applications.

The Lakhtakia/Varadan theory is applicable to both naturally and artificially created chiral materials. The understanding of chirality is of critical importance in the development of novel devices useful for millimeter-wave communications as well as at optical frequencies, according to Lakhtakia.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff support have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion may apply by calling the Employment Division, 863-0304 (network line 433-0304). Applications for these staff vacancies will be accepted until Sept. 7, 1989. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment Practices (FES-1) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

Graduate Admissions Counselor, Capital - Responsible to the coordinator of graduate admissions for all aspects of the graduate admissions process including counseling of prospective students and the processing of applications. In addition, responsible for assisting in the development and implementation of recruitment strategies. Requires bachelor's degree, or equivalent, plus six to nine months effective experience in an academic environment or in the field of marketing. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1990 STAFF GRADE 5

Project Associate, CES, Planning Studies, University Park Campus - Responsible to the director, Planning Studies, for planning, coordinating research and development activities related to continuing professional education and for conducting a variety of surveys and studies for the Commonwealth Educational System. Requires master's degree, or equivalent, in the social sciences or education, excellent writing and research skills and two to three years of effective experience. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1990. WITH A GOOD POSSIBILITY OF RE-FUNDING. STAFF GRADE 7

Senior Auditor, Corporate Controller, University Park Campus - Responsible to the audit manager for performing and directing audits to appraise extent of compliance with University policies and procedures, adequacy and reliability of records and management reports, soundness and adequacy of internal controls, and safeguarding of assets within any of the diverse functions of the University. Requires bachelor's degree, or equivalent, in accounting or related management field and from two to three years of effective experience in internal auditing or operational fields of administration. Ability to communicate well, orally and in writing, is required. STAFF GRADE 7

Assistant Manager - Beaver Campus, Housing and Food Services - Responsible to manager, Housing and Food Services, for assisting in supervising the overall operation of the Housing and Food Service units. Requires associate degree, or equivalent, in institutional management, plus one to two years effective experience in food supervision. STAFF GRADE 5

Medical Social Worker II, College of Medicine, Social Services, Hershey Medical Center - Responsible to the social services coordinator for providing inpatient and outpatient medical social services and provide practical help and emotional support to patients and their families. Requires master's of social work degree from an accredited college or university, or equivalent, one to two years of effective experience. STAFF GRADE 6

Programmer Analyst, Development Center, University Hospital, Information Systems, Hershey Medical Center - Responsible to the manager, Development Center for the analysis of how data processing can be applied to specific user problems for the design of effective data processing solutions and for the development of effective, efficient and well documented programs. Requires bachelor's degree in computer science or equivalent, plus one to two years of effective experience. STAFF GRADE 6

Professional Fees Coordinator, College of Medicine, Surgery, Hershey Medical Center -

Responsible to the accountant, Department of Surgery, for assuring that professional fees are generated for all professional services rendered by physicians within the Division of General Surgery and that General Surgery admissions are handled expeditiously. Requires an R.N., or equivalent, plus one to two years of effective experience. STAFF GRADE 4

Child Life Specialist, University Hospital, Department of Nursing Services, Division of Inpatient Services, Hershey Medical Center - Responsible to the manager, Child Life Program, for providing assistance in the implementation of an educational/recreational program for hospitalized children and clinical patients. Requires bachelor's degree, or equivalent, in psychology, child development, education or a related field with one to two years supervised experience in established child life program. Master's degree preferred. Eligible for professional CLS certification. STAFF GRADE 6

Trauma Nurse Coordinator, College of Medicine, University Hospital, Outpatient Services, Hershey Medical Center - Responsible to the assistant hospital director, Nursing Services/Ambulatory Services, for planning, implementing, coordinating and evaluating the University Hospital's trauma program. Requires master's degree in trauma nursing or related clinical area plus one to two years of effective clinical/administrative trauma experience and licensure to practice professional nursing within the Commonwealth of Pennsylvania. Also required is current certification as 1) certified emergency nurse or certified critical care nurse, 2) Advanced Cardiac Life Support provider certification, 3) Advanced Cardiac Life Support Instructor Certification, 4) pre-hospital Trauma Life Support Instructor Certification, American Trauma Life Support for Nurses Certificate. STAFF GRADE 7

Academic Counselor, School of Communications, Advising Center, University Park Campus - Responsible to the coordinator, Advising Center, for the advising of undergraduate non-major students in School of Communications; act as liaison to Communications academic

departments and student support services; serve as academic advising resource to Communications faculty at University Park and Commonwealth Campus. Requires master's degree, or equivalent, in counseling or related field plus one to two years of effective experience. THIS IS A RE-ANNOUNCEMENT OF A PREVIOUSLY ANNOUNCED POSITION. STAFF GRADE 7

In addition, there are a number of positions that, because of the frequency with which they become vacant, are still available after employees in the work unit have been considered. Some such positions are available on a fairly regular basis. They are not announced each time they are open. Instead, they are announced periodically so a pool of interested candidates can be developed. Applications for such positions may be made at any time, and you are welcome to make your interest known to the Employment Division for further consideration when such vacancies occur. These positions are:

Position Title	Location
Assistant Research Engineer	ARL
Associate Research Engineer	ARL
Research Engineer	ARL
Senior Research Engineer	ARL
Cardiology Technician	Hershey
Clinical Laboratory Assistant	Hershey
Clinical Laboratory Technologist (HEW)	Hershey
Clinical Nursing Specialist	Hershey
Cyto-Technologist	Hershey
Hemodialysis Technician	Hershey
Licensed Practical Nurse	Hershey
Nuclear Medicine Technologist	Hershey
Ophthalmic Technologist	Hershey
Perfusionist	Hershey
Pharmacist	Hershey
Physical Therapist	Hershey
Physician's Assistant	Hershey
Psychiatric Assistant	Hershey
Radiologic Technologist (jr and Sr. Levels)	Hershey
Respiratory Therapy Technician	Hershey
Staff Nurse	Hershey
Vascular Radiology Technologist	Hershey

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7517.

William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

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WRITING INSTITUTE

The Allentown Campus and school districts in Lehigh Valley have formed a writing institute. See the story on page 3.

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INTERCOM

September 7, 1989

Volume 19, Number 3

Information submitted for publication in *Intercom* is due by noon on the Thursday before publication.

University enters top ten in private fund raising

Penn State has entered the top 10 of public universities that raise philanthropic dollars, according to the Council for Financial Aid to Education.

During the fiscal year of July 1, 1987, to June 30, 1988, Penn State raised \$50.3 million and moved from 11th to 10th place among public universities, the CFAE report said.

"This ranking reflects the impact of our efforts to raise \$300 million through The Campaign for Penn State," G. David Gearhart, senior vice president for development and university relations, said. "The tremendous response to our appeals from alumni and friends, corporations, foundations and other organizations has catapulted Penn State into a position of national leadership in a short time."

The Campaign for Penn State is a six-year effort ending June 30, 1990, to raise funds for academic program support. According to Dr. Gearhart, the campaign "has more than doubled the amount of annual private giving to the University, from \$24.2 million in 1984 to \$50.3 million last year."

The top 10 public universities for 1987-88, according to CFAE, are:
University of California system, \$262 million; University of Texas system, \$167 million; University of Minnesota, \$110 million; University of Wisconsin, \$89 million; University of Washington, \$68 million; University of Michigan, \$68 million; Ohio State University, \$64 million; Georgia Tech, \$63 million; University of

Illinois, \$59 million; Penn State, \$50.3 million.

Penn State also ranked high in other categories of private gift support for 1987-88, the CFAE report showed.

In gifts from individuals (alumni and friends), Penn State received \$24 million and was ranked sixth among public universities. In gifts from parents of students, the University received \$237,000 and was ranked fifth.

In gifts from individuals who are neither alumni nor parents, Penn State received \$12.7 million and was ranked sixth. In gifts received through the corporate gift-matching program, Penn State received \$1.7 million and was ranked second.

In endowment market value, however,

Penn State with \$140 million, was ranked 18th among public universities.

For the most recent fund year -- ending June 30, 1989 -- Penn State earlier had reported raising \$55.2 million. That's a 10 percent increase over the \$50.3 million raised in 1987-88.

"We're working hard to create another record year for private giving in the final year of The Campaign for Penn State," Dr. Gearhart said, "and we hope to improve upon our national rankings in the years ahead."

"Despite our success, it's not going to get easier to do so," he added. "Public universities across the nation have jumped vigorously into the fund-raising arena during the 1980s, and the competition for private dollars is fiercer than ever."

Five Alumni Fellows scheduled to visit University

Five alumni fellows will visit the University during the week of Sept. 10.

The fellows and host colleges are:
Robert A. Meister, College of Business Administration; **Michael H. Herschok**, College of the Liberal Arts; **Ralph L. Horwitz**, College of Medicine; and **Frank Rusinko Jr.** and **Warren M. Washington**, College of Earth and Mineral Sciences.

Mr. Meister, one of the country's leading insurance brokers, returns to University Park Campus Sept. 11 and 12.

He is chairman of James Financial Services, which specializes in executive life and other finance-based insurance products, and director for strategic sales of Fred S. James & Co. Inc., New York City, the fourth largest insurance brokerage company in the country.

In addition, he is a director of Arochem International Inc., a petrochemical and oil refining firm, and the International Financial Group and a board member and business fellow of the Sy Syms School of Business at Yeshiva University, New York City.

Mr. Meister, who received a bachelor's degree in insurance from the College of Business Administration in 1964, is a founder of the Albert Einstein College of Medicine at Yeshiva University.

Mr. Herschok, Pennsylvania secretary for budget since 1987, will visit the University Sept. 11 to 13.

A 1967 Penn State graduate with a bachelor's degree in political science, he received his master's degree in public administration from the Institute of Public Administration in 1969.

He began his career in state government



Robert A. Meister



Michael H. Herschok



Frank Rusinko Jr.



Warren M. Washington

in 1968-69 as a program analyst for the state's planning-programming-budgeting system. In 1971, he returned from military leave of absence as a program analyst in the Governor's Budget Office and as assistant budget director in the Department of Revenue.

After a year as fiscal adviser to the Democratic floor leader, he was appointed executive director of the House Democratic Appropriations Committee, responsible for fiscal and economic development legislation.

Dr. Horwitz, professor of medicine and epidemiology and chief of the Section of General Internal Medicine, Yale University School of Medicine, will visit the Hershey Medical Center Sept. 12. He will lecture on "The Importance of Research" at a convocation at 4 p.m. in the Hospital Auditorium.

He received his B.A. degree from Albright College and his M.D. degree from Hershey. He served an internship/residency at the Royal Victoria Hospital, McGill University, Montreal, Quebec, Canada; a two-year fellowship at the Robert Wood Johnson Clinical Scholars Program at Yale; and a senior assistant residency at Massachusetts General Hospital.

At Yale, he was assistant professor of medicine from 1978 until his promotion to associate professor in 1982. He also has been co-director of the Robert Wood Johnson Clinical Scholars Program since

1978.

Dr. Horwitz received the Henry J. Kaiser Foundation Faculty Scholar Award from 1981-86.

Dr. Rusinko, president of Electrotools Inc., and Dr. Washington, senior scientist at the National Center for Atmospheric Research, will visit University Park Sept. 13 to 15.

Dr. Rusinko earned his B.S., M.S. and Ph.D. degrees in fuel science during a 10-year stay at University Park Campus from 1948-58. He then joined Alcoa Steel

(Continued on page 2)

University Faculty Senate to continue discussing diversity

The University Faculty Senate will continue to address issues of diversity in the University community and curriculum through forensic sessions to be held during both the Sept. 12 and Oct. 10 Senate meetings.

The September session will focus on the climate for diversity across all University domains, while the October session will address issues of possible diversity requirements within the curriculum. No legislative action on these matters will take place at either the September or October meetings. At each session several speakers representing faculty, students, staff and administrators will present statements on the aspect of diversity being addressed.

A member of the University faculty or administrator who is not a senator may request the privilege of the floor to address

the topic briefly at either of these sessions. Requests must be made in writing to the Senate Chair, through the secretary or the Senate, at least four calendar days before the meeting at which the individual wishes to speak.

A University student who is not a senator may request the same privilege of the floor from the Senate Chair through a written request to the Chair of the Committee on Student Life at least four calendar days before the meeting. The Senate Chair reserves the right to limit the number and length of such presentations so that the remainder of the forensic session may be devoted to open discussion among the senators.

Please address your request in care of the Senate Office, Birch Cottage, University Park.

Faculty Senate News

The University Faculty Senate will meet at 1:30 p.m. Tuesday, Sept. 12, in Room 112 Kern Graduate Building.

At the next meeting:

- Forensic Session on the Climate for Diversity in the University Community
- Summary of Student Petitions by College, Unit, Location
- The Use of Faculty Expertise in Physical Planning
- Plans for Strategic Planning

-- Summary of Petitions for Waiver of the 10 Credit Limit for Nondegree Conditional Students (Student Policy 14-00)

-- Informational Report on Awards and Scholarships

-- Annual Report of President's Planning and Budget Advisory Committee

-- Grading at Hershey Medical Center

-- Annual Report of Committee on Faculty Rights and Responsibilities

Focus on Diversity

Undergraduates take part in NSF year-long program

Eight outstanding undergraduate students are participating in a year-long program sponsored by the National Science Foundation to increase the number of scientists in psychology.

Program director, **Robert M. Stern**, professor of psychology, said, "The program is intended to encourage students to pursue graduate training, and is particularly concerned with increasing the number of minority students in the sciences."

The students selected attend Hampton, Harvard and Howard universities, the State University of New York/Stony Brook and Penn State. The Department of Psychology is considered a leader nationally in the graduate training of minority students at the doctoral level. The program was funded through an NSF grant of \$34,560 and by Penn State.

Dr. Stern credited the Penn State students in the group for part of the program's success.

"Our own three students -- Kirsten Rudolph, Erika Lehmann and Elizabeth Henson -- deserve a lot of credit for the great success we had this summer. They



Undergraduates participating in the NSF-funded program are, from left, Tamu McCaster, Kirsten Rudolph, Karen-Marie Scott, Erika Lehmann, Manuel Nunez, Kashemie Rorie (seated), Elizabeth Henson and Austin Grossman.

welcomed the other students, showed them how to use our library, helped them get settled and set an outstanding example.

These students worked extremely hard and accomplished a great deal in the eight weeks they were here. Much of the

research will be publishable when it is completed."

Students worked with Dr. Stern; **Herschel Leibowitz**, Evan Pugh professor of psychology; **Thomas Borkovec**, professor of psychology; **William Ray**, professor of psychology; and **Jules Thayer**, assistant professor of psychology.

The students studied research methodology in a weekly seminar and developed individual projects in five related laboratories. They also visited laboratories at the Hershey Medical Center and a similar NSF-funded program at Kent State University.

The research topics under way range from a study of the effect on nausea of acupuncture (like acupuncture, but without the insertion of a needle) to a study on the effect of anxiety on thinking ability. The students will continue their research during the current year at their home universities and will present their results at a meeting at University Park next spring. Psychology faculty will continue their mentoring relationship with the students and advise them as they prepare to apply to graduate schools.

Alumni Fellows

(Continued from page 1)

Carbon, a division of Airco Inc., where he served as manager of carbon products development, manager of graphite products development and director of development and technical services, before being named vice president and technical director in 1970.

Six years later, he became president of Electrotools Inc., a member company of UTI Corp.

Dr. Rusenko also is author of numerous technical publications on aspects of fuel cells, graphite and gas-carbon reactions. He has held office in the American Chemical

Society, Division of Fuel Chemistry, and in the ACS Penn York Section.

Dr. Washington received his doctorate in meteorology from Penn State in 1964 and subsequently became a research scientist at the National Center for Atmospheric Research in Boulder, Colo. He now is a senior scientist and director of NCAR's Climate and Global Dynamics Division.

An elected Fellow of the American Meteorological Society, he serves as a member of the AMS Council and has been active in the society's programs for minorities. He is an elected Fellow of the American Association for the Advancement of Science and currently serves on the Committee on Climate.

In 1988, Dr. Washington was selected as one of 16 scientists and engineers featured in the Chicago Museum of Science and Industry exhibit titled "Black Achievers in

Science" that will tour major science centers and museums in the United States through 1991.

Bookshelf

Louis Winkler, assistant professor of astronomy, is co-editor of *Great Ideas for Teaching Astronomy*. West Publishing Co. Material for the book was selected from lectures, laboratory presentations and student activity ideas submitted by various college instructors.

Dr. Winkler contributed teaching ideas

for the sections "Methods of Science (and Pseudoscience)" and "Instructional Resources."

Carpooler

A carpool is looking for a fourth driver from the Lewistown area to University Park from 7:30 a.m. to 4:30 p.m. Call 863-0449.

Focus on the arts

The arts on Channel 3

Artworks presents "Progressive Geometric Abstraction in America" airing at 12:30 p.m. Sunday, Sept. 10, on WPSX-TV. Whether it's called modern, abstract, non-objective, non-figurative or avant-garde, it's the art of the 20th century that is not easily understood or appreciated.

"David Copperfield," a five-part adaptation of Charles Dickens' semi-autobiographical novel, will encore on *Multiplex Theatre* beginning at 9 p.m. Sunday, Sept. 10.

Thirty-one year ago, Jasper Johns suddenly emerged as a major figure in American art. "Jasper Johns: Ideas in Paint" will air at 10 p.m. Monday, Sept. 11, on *American Masters*.

Bassoon recital

Daryl Durran, assistant professor of bassoon in the School of Music, will present a recital at 8 p.m. Monday, Sept. 11, in the Recital Hall of the Music Building at University Park.

Performing with Professor Durran will be faculty members Tim Shafer, piano, and members of The Pennsylvania Quintet. Eleanor Duncan, Armstrong, flute; Barry Kroeker, oboe; Smith Toulson, clarinet; and Lisa J. Bontrager, horn.

Odyssey on WPSU

On "The Mystery of Moral Indignation," in the "Odyssey Through Literature" series, host S. Leonard Rubinstein talks with J. Madison Davis, professor of English at the

Behrend College, about his two mystery novels.

The Murder of Fran Scintis, says Professor Rubinstein, reveals a fascination with the extremes of cruelty, with evil inside of everyone.

"Odyssey Through Literature" is produced by the Comparative Literature Department and airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Featured author

Eric Walker, University president emeritus (1956-70), will be the featured author at the Penn State Bookstore on campus from noon to 2 p.m. Wednesday, Sept. 13. Dr. Walker will be available to sign and discuss his book *Now It's My Turn, Engineering My Way*.

The public is invited to attend the book-signing. *Now It's My Turn* will be offered at a 20-percent discount during the time of the author appearance.

Skydiving lecture

Al Gramando, owner of Skydive Chambersburg, will talk about the art of skydiving at 8 p.m. Wednesday, Sept. 13, at the Palmer Museum of Art at University Park.

The event complements the Robert Yarber exhibition on display through Sept. 17.

Mr. Gramando's presentation combines a videotape and a discussion of skydiving, as well as the misconceptions of the sport. Mr. Gramando himself is a jumper with 26 years of experience.

Special convocation

A special convocation will be held at 4 p.m. Friday, Sept. 15, in Schwab Auditorium at University Park to honor the four University professors whose design for the Korean War Veterans Memorial was chosen to be built in Washington, D.C.

The design by architects Don Alvaro Leon and John Paul Lucas and landscape architects Veronica Burns Lucas and Eliza Pennypacker Oberholzer was selected by a jury of Korean War veterans from 543 entries in the national competition.

The model of the design, which is on loan to Penn State from the National Battle Monuments Commission and the National Buildings Museum in Washington, D.C., will be on view in the lobby of Schwab Auditorium from 1 to 5 p.m. on the 15th.

During the convocation, the four designers will discuss various aspects of the memorial design project. After the convocation, the model will be returned to the Palmer Museum of Art, where it will be on view in the stairwell gallery through Sept. 24.

Student recital

Nine undergraduate students from the School of Music will perform in a jury recognition recital at 8 p.m. Friday, Sept. 15, in the Recital Hall of the Music Building at University Park.

The students were selected by the music faculty for their outstanding performances in the spring semester juries held last April. Areas from which students were selected include keyboard, voice, woodwinds, brass and percussion.

Recitals scheduled

Joanne Zagst and Leonard Feldman, members of the Alard String Quartet, will present recitals at 8 p.m. Wednesday, Sept. 13, and Sept. 20, in the Recital Hall of the Music Building at University Park. Marylene Dosse will provide accompaniment on piano for both performances.

Each program will feature a solo work by a French composer, string duos and one of the great works for piano and strings by Johannes Brahms.

Art history lecture

The 1989-90 lecture series co-sponsored by the Department of Art History and the Institute for the Arts and Humanities. Studies opens at 8 p.m. Tuesday, Sept. 12, in the HUB Assembly Room at University Park.

This year's series features the theme of "The World and the Italian Architect: Native Images and Reflections Abroad." It honors Hellmut Hager, now in his 18th year as head of the Department of Art History. A scholar of Italian Renaissance and Baroque architecture, Dr. Hager has worked with many of the eminent scholars who will lecture this year either as colleagues or students.

Henry A. Millon, dean of the Center for Advanced Study in the Visual Arts at the National Gallery in Washington, D.C., will open the series with a lecture titled "Filippo Juvarra and Architectural Practice in Piedmont in the Eighteenth Century."

University Park Calendar

September 7- September 17 Special Events

Thursday, September 7

Commission for Women meeting, 10 a.m.-noon, 256 Hammond.
Palmer Museum of Art, Douglas Sirk Film Series, 7:30-9 p.m., Palmer Museum of Art, *Magnificent Obsession* (1954).

Spanish, Italian, Portuguese Lectures, 8 p.m., 101 Kern. Frank Dominguez, Univ. of North Carolina, on "The Adornment of the Body and Jorge Manrique's *Coplas por la muerte de su padre*."

Friday, September 8

Meats Lab opens for sales to the public, 1:30-4 p.m., Friday afternoons during the semester. Palmer Museum of Art, Douglas Sirk Film Series, 7:30-9 p.m., Palmer Museum of Art, *Written on the Wind* (1956).

Center for East Asian Studies, lecture, 7:30 p.m., HUB Fishbowl, David Hess, Voice of America, on the "Role of Media and the China Spring." Reception following lecture.

Saturday, September 9

Palmer Museum of Art, Douglas Sirk Film Series, 7:30-9 p.m., Palmer Museum of Art, *The Taming of the Shrew* (1958).

Monday, September 11

Comp. Lit. Luncheon, 12:15 p.m., 101 Kern. Donna Rogers, Spanish, on "Fate and Fortune in *Carul e Gurlia*." Refreshments served. School of Music, 8 p.m., Recital Hall, Daryl Duran, bassoon.

Tuesday, September 12

Art History Lecture Series, 8 p.m., HUB Assembly Room. Henry A. Millon, National Gallery, Washington, D.C., on "Juvarra and Architectural Practice in the 18th Century in Piedmont."

Wednesday, September 13

Friends of the Palmer Museum of Art, gallery talk, 8 p.m., Palmer Museum of Art, Al Gramando, owner/operator, Skydive Chambersburg, on "The Art of Skydiving." School of Music, 8 p.m., Recital Hall, Joanne Zagst, violin.

Thursday, September 14

Trustees meet at University Park, through Sept. 15.

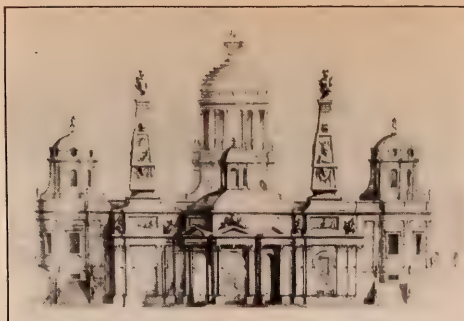
Friday, September 15

Women of Color Luncheon, noon-1 p.m., Nittany Lion Inn.

School of Music, student recital, 8 p.m., Recital Hall, Jury Recognition Recital.

Saturday, September 16

Hort Show, Ag Arena, through Sept. 17.
Sunday, September 17
Friends of the Palmer Museum of Art, play, 2:30 p.m., Palmer Museum of Art, *Siu Hing*. Mary Gage, playwright and associate professor, communications and theater arts. Free. Tickets must be picked up in advance at the Museum Store.



Henry A. Millon, dean, Center for Advanced Study in the Visual Arts, National Gallery, Washington, D.C., will speak on "Filippo Juvarra and Architectural Practice in Piedmont in the 18th Century," at 8 p.m. Sept. 12 in the HUB Assembly Room.

Bicentennial of the French Revolution, 2:30 p.m., Kern lobby. Unveiling of University's French Revolution Machine constructed by faculty and students in Dept. of Architecture.

International Events

International Lecture Series

Dr. John Ross, executive director, Debt for Development Coalition Inc., will discuss "Debt for Development" from 2 to 3:30 p.m. Friday, Sept. 8, in the International Lounge, 222 Boucke. The lecture is cosponsored by the University Office of International Programs and International Programs in Agriculture.

Education Abroad Programs

The application deadline for Education Abroad Programs in Athens, Exeter and San Germain has been extended to Sept. 15. The deadline for all 1990-91 programs is Oct. 16.

The Office of International Programs will offer two programs illustrating educational opportunities at San Germain, Puerto Rico, and Athens, Greece: San Germain, 7 to 9 p.m. Tuesday, Sept. 12, includes a student-made video; Athens, 7:30 to 9 p.m. Wednesday, Sept. 13, includes a slide presentation. Both programs are in 222 Boucke.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5:30-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m. "Creative License," 12:30 p.m. Thursdays, hosted by Cherie S. Lewis

Conferences

Continuing Education Keller Building

Sept. 11-13, Technical Elements of Surface Coal Mining, L. Barry Phelps, associate professor of mining engineering, chair.

Sept. 14, Allegheny Education Broadcast Council, Marlene Temeles, program and utility coordinator, chair.

Sept. 14, Pennsylvania Bar Institute, Jerri Milson, coordinator.

Sept. 15, R. Hadly Waters Logistics and Transportation Symposium, Robert Novack, assistant professor of business logistics, chair.

Executive Programs

Sept. 17-22, Management Program for Transportation and Highway Engineers, academic program coordinators: Dr. Walter P. Kilareski, assistant professor of civil engineering, and Dr. Evelyn A. Thomchick, assistant professor of business logistics

Seminars

Thursday, September 7
Physics Colloquium, 3:30 p.m., 55 Osmond Lab. Dr. Richard Isaacson, National Science Foundation, on "Search for Gravitational Waves." Contact Dr. Banavar, 801-2055.

Ecology, 3:45 p.m., 111 Warrick Vivian Wikon, director, Pan African Decade of Dukes Research and Chigangali Trust, Zimbabwe, Africa, on "Dukers in the Rain Forest of Africa."

Friday, September 8
Kappe Environmental Engineering Seminar Series, 3:35-5 p.m., 127 Sackett, Dr. Charles T.

For information about Penn State arts and calendar events and the weather, call 863-1234 and follow the directions given in the recorded message.

Driscoll, Syracuse Univ., on "Long Term Biogeochemical Treatment of Hubbard Brook Experimental Forest."

Tuesday, September 12

Gerontology Colloquia, noon-1 p.m., 101 Health and Human Development East, Dr. Peter D. Bennett, marketing, on "Consumer Behavior of the Elderly: A Marketing Perspective." CAMP, 4 p.m., 339 Dorey Lab, R. Morra on "Electronic States of Magnetic Thin Films."

Wednesday, September 13

Graduate Lecture Series, 4 p.m., 112 Kern. Robert K. Plomin on "Nature and Nurture in Human Development" Refreshments and reception, 3:30 p.m.

Thursday, September 14

Physics Colloquium, 3:30 p.m., 55 Osmond Lab. Dr. Morrel H. Cohen, Exxon Research, on "Comments on the Theory of High Temperature Superconductivity."

Ecology, 3:45 p.m., 111 Warrick, Dr. Marc D. Abrams on "Successional Pathways Following Clearcutting and Burning in Jack Pine Communities in Michigan."

Earth and Mineral Sciences, 4 p.m., 412 Walker Bldg, Warren M. Washington, National Center for Atmospheric Research, on "Computer Simulation of the Greenhouse Effect."

Friday, September 15

Earth and Mineral Sciences, 9 a.m., 101 Steidle Bldg, Frank Rusinko Jr., Electrotools Inc., on "Fuel Science Revisited from the Business World."

Exhibits

Chambers Gallery

School of Visual Arts Prints and Medallies, through Oct. 13

HUB Galleries

Art Alley Cases:

Clay in Process by the SCASD Community Education pottery class, through Sept. 29

Art Alley Panels:

Ink Meets Paper by Craig Anzelowicz with Nigel, through Sept. 29

Formal Gallery:

People, Places, Patterns by Heinz K. Henisch, through Sept. 22

Palmer Museum of Art

Robert Yarber Paintings 1980-88, through Sept. 17.

Turn-of-the-Century European Posters from the Museum's Collection, through Nov. 5

Bellefleur Collects, through Oct. 22.

Pattie Library

East Centor Galleries: Brooker, Stephen Carpenter II, "Works in Clay," through Sept. 22.

Lending Services:

John O'Hara Movie Posters, through Sept. 15.

West Lobby Gallery:

Many Vellera, Recent Works, through Sept. 20.

Zoller Gallery

Neopunkedelic Invitational Exhibit, through Sept. 30.

Computers in the classroom

The Computer-Based Education Laboratory will offer a seminar focusing on issues and concerns of using computers in the classroom as an instructional tool. A brief presentation of examples of computer use will precede the discussion.

The seminar will be held from 2:30 to 4:30 p.m. Thursday, Sept. 14, in Room 141 Computer Building, University Park. Call Larry Ragan at 863-1054 for more information.

Preschool openings

The Penn State Child Development Laboratory, a preschool for children 2 1/2 to 6 years, currently has half-day morning openings (7:30 a.m.-12:30 p.m.) available for 4 to 6-year-olds and a limited number of full-day openings (7:30 a.m.-5:30 p.m.) for 2 1/2 to 6-year-olds. The preschool is operated by the Department of Human Development and Family Studies in the College of Health and Human Development.

For more information about enrollment, please call 863-0267 or visit the Child Development Laboratory office in S-24 Henderson Building.

News in Brief

Meats Lab to open

The Penn State Meats Lab at University Park will open for sales to the public from 1:30 to 4 p.m. Friday afternoons during the semester, starting Sept. 8. The sales program is part of the undergraduate program in animal science, which includes classes in meat evaluation, slaughtering, meat cutting and marketing. Meat sold comes from University herds and has been butchered and prepared by students.

The Meats Lab is a small meat-packing plant operated by the Department of Dairy and Animal Science as a teaching facility. It is located on Porter Road, directly across from Beaver Stadium. For more information contact Meats Lab manager Mark Stevenson at (610) 865-1787.

Lecture on China and the media

David Hess, head of the China Branch, Voice of America, will speak on the "Role of Media and the China Spring" at 7:30 p.m. Friday, Sept. 8, in the HUB Fishbowl at University Park.

Mr. Hess, who supervises the VOA

on China, will address what the VOA and western news organizations have done and the role of media in the China uprising, among other issues.

Faculty Women's Club

New female faculty or administrative staff, and wives of new faculty or administrative staff are invited to join the Penn State Faculty Women's Club.

On Sept. 12, the Faculty Women's Club will host a fall reception at the Kern Graduate Building. Newcomers will have an opportunity to sign up for various events planned especially for them.

For more information, call Barb Walther, 234-4793; Dawn Archibald, 237-4906; Linda Miller, 466-7670; Pat Yost, 237-3437; and Gloria Dougherty, 867-8068.

Graduate Lecture Series

Robert Plomin, professor of human development, will begin the 1989 Graduate Lecture Series with a presentation on research dealing with twins and adopted children at 4 p.m.

Wednesday, Sept. 13, in Room 112

Kern Building at University Park.

In his lecture, "Nature and Nurture in Human Development," Dr. Plomin will review studies of twins and adopted children that point to substantial genetic influence on human behavioral development. He also will discuss the impact of environmental factors, which operate very differently than previously thought.

Women's Alliance

Billie W. Willis, assistant vice president for human resources, will discuss "Institutional Responses to Women's Changing Roles" at a meeting of the Women's Alliance at 7:30 p.m.

Wednesday, Sept. 13, in the Kern

Graduate Center at University Park.

The Women's Alliance provides opportunities for community and campus-affiliated women to come together on a regular basis for discussion, networking, and advocacy activities that expand knowledge, improve skills, and enhance careers. Membership is open to women faculty, staff, and students from Penn State as well as non-University women throughout the Centre Region.

Faculty members will evaluate USDA project

Following a national competition, the University's Institute for Policy Research and Evaluation and Center for Applied Behavioral Sciences have received a \$1.8 million, five-year award to evaluate the U.S. Department of Agriculture's Personnel Demonstration Project.

Co-directed by Irwin Feller, professor of economics and director of IPRE and Frank Landy, professor of psychology and director of CABS, an interdisciplinary group of Penn State faculty and research associates will evaluate new approaches used by USDA's Agricultural Research Service and Forest Service to recruit, hire and evaluate scientific, technical and other personnel at approximately 220 experimental and comparison sites across the United States.

Participating in the project in addition to Drs. Feller and Landy will be John Stevens, professor of public administration; Lance Shottland, professor of psychology; Mel Mark, associate professor of psychology; Jill Feindeis, associate professor of agricultural economics; Wesley Musser,

associate professor of agricultural economics and Ann Landy, research associate, Institute for Policy Research and Evaluation.

An advisory panel of administrators and faculty from the College of Agriculture also will be formed to work with the research team.

The panel will include Charles Krueger, associate dean for research, College of Agriculture; William Lacey, assistant dean for research, College of Agriculture; Alfried Sullivan, head, School of Forest Resources; Herbert Siegel, head, Department of Poultry Science; Herbert Cole, head, Department of Plant Pathology; Shannon Stokes, head, Department of Agricultural Economics and Rural Sociology; and Edwin Rajotte, assistant professor of entomology.

The award was made for an open, national competition involving research universities and major consulting firms.

"This may be the largest and most complex personnel project launched by a federal agency in many years. What we

learn from this evaluation may determine federal employment policies for the next decade," Dr. Landy said.

Dr. Feller added, "We were challenged by the complexity of the analytical issues and by the importance of the national policy issues raised by the USDA Demonstration Project."

"Our award attests to Penn State's ability to bring together the talents of faculty and researchers from the social and behavioral sciences, from the colleges of the Liberal Arts and of Agriculture."

Obituaries

Richard A. Marbury, janitorial worker in the Office of Physical Plant, since Dec. 1, 1986, died Aug. 15 at the age of 52.

Isabelle K. Miller, residence hall worker, Housing and Food Services, from July 7, 1960, until her retirement Dec. 18, 1973, died Aug. 11 at the age of 73.

Faculty/Staff Alerts

Sample resume styles available

When the University Employment Division discusses bidders for an administrative or professional position announced in the *Penn State Intercom* with the college or department with the vacancy, initial evaluations of those who applied often are made from resumes previously furnished by the candidates.

Perhaps you have a resume of your background that you may wish to use sometime, but you feel it does not represent you in the best way possible. The University Employment Division has available, upon request, samples of resume styles. A neat, orderly, concise approach in presenting your background information to a prospective supervisor may enhance your situation.

A copy of sample resume styles is available from the University Employment Division, 865-1387 (Network 475-1387).

Staff Vacancies

The following vacancies for positions classified as staff exempt from staff nonemployment have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in positions may APPLY BY CALLING THE

EMPLOYMENT DIVISION, 865-0304 (NETWORK LINE 433-0304). Applications for these staff vacancies will be accepted until Sept. 14, 1989. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with fair employment practices (EEO) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age as provided by laws, rules, or status as a disabled or Vietnam era veteran.

*** Coordinator, Collections, Hospital, Financial Management, Hershey Medical Center** - Responsible to the manager, Credit and Collections, for coordinating the functions of the collections area to include monitoring and evaluating the work performance of the clerical staff and counseling patients with delinquent accounts. Requires an associate degree or equivalent in business administration plus one to two years of effective experience. **STAFF GRADE 4**

*** Physician's Assistant, College of Medicine, Department of Medicine, Division of Cardiology, Hershey Medical Center** - Responsible to the chief Division of Cardiology and to a cardiologist for the direct medical care of patients to include completing histories and completing physical examinations, assisting during cardiac catheterizations, electrophysiology studies, performing exercise stress tests and assisting in cardiac clinics. Requires graduate of an AHA approved physician's assistant program plus certification in the state of Pennsylvania as a physician's assistant or certification in another state with reciprocity, and one to five years of effective experience. **STAFF GRADE 5**

*** Police Service Officer, Penn State Harrisburg** - Responsible to the supervisor, Safety and Police Services, for carrying out the functions of protection of life and property, preservation of peace and good order of the community, enforcement of laws.

public safety, investigative work and other related duties. Requires associate degree or equivalent in academic credits and one to two years of effective law enforcement experience. Similar combinations of education and experience may satisfy the above requirements. Active pursuit of a baccalaureate degree in social sciences is desirable. Applicants must possess a valid Pennsylvania driver's license, have a clear driving record and no criminal record. Standard Red Cross certificates and CPR training are desirable. Must be certifiable under Pennsylvania Act 120 (municipal police officer training). **STAFF GRADE 5**

*** Technology Licensing Officer, Senior Vice President for Research and Dean of the Graduate School, Intellectual Property Office, University Park Campus** - Responsible to the manager, Intellectual Property Office, for the handling and licensing of inventions of the various campuses of Penn State, develop and administer working relationships with industry directed toward the transfer of the University's intellectual property rights to the private sector, responsible for the day to day management of both staff and utility inventions from receipt to disposition. Requires master's degree or equivalent training and two to four years of effective experience. **STAFF GRADE 8**

*** Director of Development, Division of**

Development and University Relations, College of Business Administration, University Park Campus - Responsible to the executive director of university development for all fund-raising programs and related activities for the College of Business Administration. Requires bachelor's degree or equivalent in marketing, communications or related fields, plus four to five years of effective experience in fund raising in a nonprofit environment with evidence of skill in verbal and written communications. Travel required. **STAFF GRADE 9**

*** Development Assistant, Division of Development and University Relations, College of Business Administration, University Park Campus** - Responsible to the director of development, senior development officer or development officer for assistance in the organization and implementation of fund raising programs and related activities in an assigned college, within the context of a major Universitywide campaign. Requires bachelor's degree or equivalent plus one to two years of effective experience in public relations, fund raising or related field. Proficiency in verbal and written communications skills is highly desirable. Willingness to travel is essential. **THIS IS A FIXED-TERM POSITION. FUNDING THROUGH JUNE 30, 1990. WITH GOOD POSSIBILITY OF RE-FUNDING. STAFF GRADE 6**

Applications being sought for position

Applications and nominations are being sought for the position of associate vice president for development and university relations. The associate vice president reports directly to the senior vice president for development and university relations and will provide senior level leadership and liaison for the constituency-based fund-raising program at Penn State.

The Division of Development and University Relations incorporates the Office of University Development, Penn State Alumni Association, Office of University Relations, Office of Campus and Constituent Relations and the Office of Special Events. A major priority of the division is The Campaign for Penn State, a

\$300 million fund drive to enhance the University's academic enterprise.

A bachelor's degree and a minimum of five years successful university experience in a development setting are required. Proven performance in fund-raising, good organizational, writing and speaking skills, and a strong background in administrative leadership are essential.

G. David Gearhart, senior vice president for development and university relations, is serving as chairman of the search committee. Applications and nominations should be sent to: Search Committee for Associate Vice President for Development and University Relations, 116 Old Main, University Park, PA 16802.

Vice president search committee named

A search committee has been appointed to identify candidates for the position of vice president for continuing education. **J.D. Hammond**, dean of the College of Business Administration, will chair the committee.

Other committee members are **Charles Bursey**, professor of biology, Shenango Valley Campus; **James F. Campbell**, director of continuing education, Wilkes-Barre Campus; **Donald E. Evans**, assistant dean and assistant director, Penn State Cooperative Extension; **James D. Gallagher**, campus executive officer,

Worthington Scranton Campus; **Grace Hampton**, vice provost, Ruth Leventhal, provost and dean, Penn State Harrisburg; **John C. Marshall**, director of field services, Division of Continuing Education; **Richard A. Molo**, associate professor of electrical engineering, **Sara J. Parks**, associate dean for Commonwealth Educational System Programs, College of Health and Human Development; **Raja V. Ramani**, head of the Department of Mineral Engineering; and **John J. Romano**, campus executive officer, York Campus.

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NSF PROGRAM

Undergraduate students participate in NSF year-long program. See story on page 2.

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New Center for Logistics Research is established

Logistics -- long a strength discipline of the College of Business Administration -- is the focus of the new Center for Logistics Research at the University.

According to **John J. Coyle**, center executive director and professor of business logistics, the center can offer unique expertise and knowledge that will be available to assist businesses, government agencies and other organizations in cutting costs and operating more efficiently.

"Technological change and intense competition are transforming the way businesses look at materials management

and physical distribution," Dr. Coyle said.

One goal of the Center for Logistics Research is to help managers understand that a good logistics strategy is not merely the nuts and bolts of a business, but it also can be a competitive edge, he added.

In one early project, the center is looking at ways in which artificial intelligence might be applied to the transportation and logistical operations of a firm -- simulating the outcomes of different strategies like a human manager, but working much faster and taking into account more variables.

The center also is working with a

Scandinavian furniture manufacturer that has a foothold on the East Coast of the United States and is hoping to expand into the West Coast market. The company is accustomed to European methods for warehousing and distribution, which may not be suited to the American business environment.

Working closely with Dr. Coyle in the development of the center are associate directors **Alan J. Stenger** and **John E. Tyworth**, both associate professors of business logistics.

Involved in early research projects are

Joseph L. Cavinato and **Kant Rao**, associate professors of business logistics; and **Robert A. Novack** and **Gary L. Gittings**, assistant professors of business logistics.

The center also plans to conduct basic research, delving into the nature and dynamics of material-product flow processes. In the coming months, an advisory panel of top-level executives of manufacturing, service and transportation companies will be assembled.

Plans are now under way to hold a conference on the challenges in the field.

Roth heads new Auxiliary/Recreation Services

For golfers, tennis players, ice skaters, bowlers and visitors to the Stone Valley Recreation Area, it has been business as usual at the University's recreation facilities, but behind the scenes, a change has taken place. On July 1, administrative responsibility for these recreation facilities shifted from Intercollegiate Athletics to the Office of the Vice President for Business and Operations, **John S. Bischoff** said.

The administrative unit's new name is Auxiliary/Recreation Services. Mr. Bischoff serves as director of auxiliary services, and **Dale M. Roth** is manager of Auxiliary/Recreation Services. James M. Wagner, associate vice president for business and operations, oversees the unit.

With this reorganization, most of the auxiliary recreation facilities used by both the University community and the general public have been grouped together, while other recreation facilities used primarily

by the University community remain under the supervision of other administrative units, Mr. Bischoff explained.

To those taking advantage of the Blue and White golf courses, the tennis club, ice skating rink, bowling lanes and Stone Valley recreation facilities, the administrative reorganization has had no noticeable impact, Mr. Roth said.

"We're still serving the same clientele. For the immediate future, there will be no changes in the level of services or their availability to the faculty, staff, students and general public," he added.

The one main change involves the business office location for these facilities, which is now in 304 Old Main.

While there are no planned immediate changes, long-range planning is under way to expand and improve recreational services, Mr. Bischoff said.

"Our goal is to provide enhanced services to more people," he said.

Among the planned improvements are a redesign of the Blue and White golf courses. Arnold Palmer's design group has been hired, and construction should start this fall, Mr. Bischoff said.

During construction, nine of the 36 holes will be closed, beginning in spring 1990. In addition, a new club house will be built, replacing the current pro shops and existing club house.

By next spring, the first lighted practice range in the Centre Region is planned to open at the University's golf courses. The target date for reopening of the new golf course is set for fall 1991.

Other improvements are planned for Stone Valley. Sewer and water renovations are being studied, as well as other projects such as additional winterized cabins, Mr. Roth said.

Center is involved in space research

NASA's Ames Research Center, Genentech Inc., South San Francisco, Calif., and Penn State's Center for Cell Research, have announced their long-term collaboration on a major new commercial space research project in life sciences.

The project involves a series of ground-based and Space Shuttle experiments to expand previous findings by NASA, Penn State, and other investigators that

microgravity accelerates reduction in bone calcium, body mass and immune cell function.

The flight program, sponsored by NASA's Office of Commercial Programs and managed by Ames, is expected to begin in 1990 with a Space Shuttle experiment coordinated by Penn State's Center for Cell Research, one of NASA's 16 Centers for the Commercial

Development of Space (CCDS).

The Center for Cell Research is a co-investigator in this research and is exchanging information, expertise and flight experience with Genentech in addition to offering the company an opportunity to fly space experiments as part of the CCDS mandate.

The center, established in 1987, is one of only three biologically oriented CCDS. It is charged with making flight opportunities available to commercial organizations

through the broad-based research collaboration conducted by the center's 35 scientists.

Dr. Wesley Hymer, CCR center director, said, "Our objective is not only to define the fundamental mechanisms of mammalian cell function on earth and in space, which is basic research, but also to commercialize our findings in cooperation with private industry. We're pleased to be part of this innovative research project."

Ribbon-cutting is held for new center

A ribbon-cutting ceremony was held on Sunday, Sept. 10, for the Magic Years Child Care and Learning Center at the Milton S. Eisenhower Medical Center.

Magic Years will soon provide day care for children of Medical Center employees by accommodating up to 150 youngsters with separate areas for infants, toddlers, and preschool children. Over 120 children have already been enrolled in the center.

Bruce Edwards, director of human resources at the Medical Center, hosted the program. Participants included Jill Findes, chairperson of Penn State's Commission for Women; Rebecca Jenkins, member of the Medical Center's Committee for Women; and Paul Reilly, president of Magic Years.

Magic Years, which specializes in operating child-care centers at other health-care facilities, will operate the center and lease the land from the Medical Center on a long-term basis. The center is located east of the Medical Center, adjacent to the University Manor East housing complex.



Engineering executive Harvey F. Brush has given \$1.2 million to endow a faculty chair in the College of Engineering. See the story on page 2.

University's Combustion Lab gets Department of Energy grant

The University's Combustion Laboratory has been awarded \$1.54 million by the U.S. Department of Energy to investigate superclean coal-water slurry fuels.

The project will demonstrate the performance of an off-the-shelf oil or gas boiler when it is run on superclean coal-water slurry fuel. The project is linked to a DOE agreement with the Italian Ministry of Industry that will coordinate similar tests, primarily through ENEL, the Italian national utility, and ENI, the state-owned hydrocarbon company.

"The Italians are interested in this technology because of their heavy dependence on imported oil," said Alan W. Scaroni, director of the Combustion Laboratory and associate professor of fuel science. "They would like to diversify their fuel supply, and coal is one option."

The project, which is funded for 15 months beginning Aug. 15, will burn about 1,000 tons of slurry during the first year. The University will purchase the superclean

coal-water slurry from one of three competing suppliers.

The tests will be run on a demonstration boiler to be located at the East Campus Heating Plant at University Park. The boiler will be capable of producing 15,000 pounds per hour of steam and could heat 75 apartments or living space for 3,000 people.

The coal-water slurry demonstration is a cost-shared project, and Penn State and the Commonwealth of Pennsylvania will contribute \$1.56 million to the project.

"The stipulation with the Commonwealth is that the coal come from Pennsylvania," Dr. Scaroni said. "If the slurry comes from an out-of-state vendor, it will still be made from Pennsylvania coal."

Since 1984, the Combustion Laboratory has been conducting background research and development on coal-water fuels. A smaller research boiler was installed in the Combustion Lab, and a range of Pennsylvania coal-water slurries has been tested.

Focus on Diversity

Scholars complete summer research projects

The Whitaker Foundation and Commonwealth scholars at the College of Medicine Hershey Medical Center completed their summer research projects by participating in a symposium in August. Each student prepared an oral or poster presentation of the results of their work.

This was the first year for the Whitaker scholarships which were made available by a \$250,000 grant from the Whitaker Foundation. Fourteen students from six area colleges received a \$2,000 award and housing for eight weeks at the Medical Center. Each student was matched with a faculty mentor who shared his or her research interests.

"I learned what science and doing research in a lab are all about," said Messiah College student Leanne Bender during her oral presentation of her research on sleep.

The Medical Center has participated in the Commonwealth Scholarship program for three years. These scholarships sponsored by Penn State's EOPC provide eight-week summer research opportunities to minority students at undergraduate colleges across the state. Six students received scholarships this year.

Both scholarships are open to undergraduate students who major in the

sciences and have completed their sophomore year. Applications will be

available for next summer's programs after Jan. 1, by calling (717) 531-8051.



Commonwealth scholar and Penn State student, Kimberly Moore, reviews her research poster presentation with Whitaker scholar, Marcia Thomas, from Messiah College.

WPSX-TV program

The impact of AIDS on minority communities in the United States is the subject of *Other Faces of AIDS*, a one-hour documentary airing at 2 p.m. Saturday, Sept. 16, on Channel 3.

AIDS is devastating many black and hispanic communities, a fact that has been largely unreported. Nearly one-third of reported AIDS cases involve black men; almost eight out of 10 babies born with the virus are black; and in some hispanic communities the heterosexual transmission rate is six times greater than for whites.

Despite numerous public information campaigns, tremendous media attention and a general increase in public awareness about AIDS, the message has clearly missed the mark in the minority community. The documentary offers interviews with both public officials and key players in the AIDS education effort.

Women of the Calabash, an all-female percussion and vocal ensemble, play calabashes and gourdlike instruments commonly used throughout the Third World on *Alive from Off Center* airing at 10 p.m. Sunday, Sept. 17. Their energetic performance revives traditional African rhythms and fuses them with the contemporary sounds of Latin America, the Caribbean and black America.

Series on scholarship on lesbian and gay lives set

Nationally prominent scholars and researchers in lesbian and gay studies will be visiting University Park during the 1989-90 academic year to participate in a colloquium series, "Contemporary Scholarship on Lesbian and Gay Lives."

The series, funded by the Equal Opportunity Planning Committee (EOPC) and the Department of Human Development and Family Studies in the College of Health and Human Development, is designed to provide exposure to current work in a variety of disciplines, including history, literary analysis, and human development.

It is coordinated by Anthony R. D'Augelli, associate professor of human development, and Lisa Henderson, instructor of communications, and is co-

sponsored by the Black Studies Program, the Paul Robeson Cultural Center, the Center for Women Students, the School of Communications, and the Women's Studies

Program.

Speakers for the series are **Martin Bauml Duberman**, City University of New York, "Hidden from History: Reclaiming

the Lesbian and Gay Past," Sept. 20; **Esther Newton**, State University of New York at Purchase, "The Fun Gay Ladies: Lesbians in Cherry Grove, 1938-1961," Oct. 16;

Gilbert Herdt, University of Chicago, "Adolescent Gay and Lesbian Development: Coming Out as a Rite of Passage," Nov. 9.

Eve Kosofsky Sedgwick, Duke University, "Denaturalizing Heterosexuality," Jan. 29, 1990. **Ritch Savin-Williams**, Cornell University, "Gay and Lesbian Youth: Expressions of Identity," March 19, and **John D'Emilio**, University of North Carolina, "Lesbian and Gay Studies: New Kid on the Block," April 18.

All presentations will be held in the HUB Assembly Room.

Diversity opportunities calendar

Wednesday, Sept. 20

Martin Bauml Duberman, distinguished professor of history, Lehman College, City University of New York, will give a lecture titled "Hidden from History: Reclaiming the Lesbian and Gay Past" 8 p.m. in the HUB Assembly Room.

Dr. Duberman's speech is first in a colloquium series titled "Contemporary Scholarship on Lesbian and Gay Lives." Throughout the 1989-90 academic year

nationally prominent scholars and researchers in lesbian and gay studies will visit University Park to provide exposure to current work in a variety of disciplines, including history, literary analysis and human development.

The series is coordinated by Anthony R. D'Augelli, associate professor of human development and Lisa Henderson, instructor, in the School of Communications.

The Campaign for Penn State

Harvey Brush endows faculty chair in Engineering

Engineering executive Harvey F. Brush of San Francisco has given \$1.2 million to endow a faculty chair in the College of Engineering. The Brush Chair in Materials will be held by a prominent scholar who will specialize in interdisciplinary research in material analysis and application.

The Brush gift is a part of The Campaign for Penn State. The University's six-year effort to raise \$300 million for academic purposes.

"Harvey Brush has been a great benefactor of Penn State, and we're proud to have his name grace a chair in our College of Engineering, one of the nation's top engineering programs," President Jordan said.

Mr. Brush, a Penn State alumnus, retired in 1980 as executive vice president of Bechtel Group, Inc., the parent of Bechtel Corp., the world's largest engineering construction company. He remains active as a consultant and has served as a trustee and director of the Bechtel Foundation.

"Materials problems are a major limiting factor in applications of scientific thought to engineering reality," John A. Brighton, dean of the College of Engineering, said. "The Brush Chair will bridge the gaps, on a

University-wide level, between theory and experimentation, and the practical applications of materials."

Mr. Brush said he endowed an interdisciplinary chair because he wanted to promote the sharing of information among engineering disciplines.

"In my career, I've had to be a jack-of-all-trades, working with all kinds of experts on specific problems," he said. "There's a synergy that occurs when different types of people, with broadly differing backgrounds, come together."

Mr. Brush graduated in 1942, with a degree in chemical engineering. He is a past governor of the American Society of Mechanical Engineers and a fellow of the American Nuclear Society.

In 1984, Penn State named him an Outstanding Engineering Alumnus, and he received the Distinguished Alumnus award in 1985. He has served on the College of Engineering's Industrial and Professional Advisory Council and is a member of the National Campaign Committee of the Campaign for Penn State.

In 1986, he and his wife, Geraldine, who died last year, established a graduate fellowship in engineering.

Including the Brush chair, Penn State has four endowed chairs in engineering and 27 University-wide. Chairs require a minimum endowment of \$1 million. Income from the

endowment typically supports research, graduate assistants, scholarly travel and other activities related to the chairholder's academic program.

Gift for cable communications chair

A Los Angeles-based cable television pioneer and his wife have committed \$40,000 to help create the nation's first faculty chair in cable communications at Penn State.

Burt L. and Shirley Harris's gift is their second major contribution to the successful drive to raise \$2 million for the National Cable Television Center and Museum.

"We're grateful for Burt and Shirley's foresight and support," said Marlowe Froke, director of the museum. "The center and chair will be significant resources for practitioner and researchers alike."

Mr. Harris is a member of the Cable TV Pioneers, who, in collaboration with the National Cable Television Association, began planning the center and museum in 1985. Their aim was to establish a single national archive for the history and

continuing development of cable television.

He has owned and operated cable television companies for more than 25 years, and is president, chief executive officer and director of Harriscope, which owns and operates television stations in Chicago and Los Angeles. Mr. Harris also heads the center and museum's committee for financial support.

The center and museum will establish a comprehensive national archive of the history and development of the cable television industry. It also will provide educational opportunities for scholars, cable industry professionals and others.

The center and museum is housed in temporary quarters, pending construction of a new building. Building schedules have not been announced by the University.

For three major awards Teaching nominations sought

Nominations currently are being accepted for the University's three major teaching awards—the George W. Atherton Award for Excellence in Teaching, the Christian R. and Mary F. Lindback Award, and the Penn State Teaching Fellow Award.

The Atherton Award is designed to recognize excellence in teaching performance in the undergraduate program of the University. There are four awards to be presented, with at least two of the awards to be made to faculty at campuses other than University Park.

The Lindback Award, funded by members of the Lindback family, is given in recognition of outstanding teaching at the University. Two awards will be presented.

The Teaching Fellow Award, established jointly by the Alumni Association,

Undergraduate Student Government and the Graduate Student Association, honors distinguished teaching while providing encouragement and incentive for teaching excellence at Penn State. One or more awards will be given.

Nomination forms for the Atherton and Lindback Awards are available from the Office of the Vice Provost and Dean for Undergraduate Education, 207 Old Main, University Park. All nominations must be received in 207 Old Main by Oct. 7.

Nomination forms for the Teaching Fellow Award are available from the Alumni Association, 105 Old Main. All nominations must be received in 105 Old Main by Nov. 15.

Presentation of the awards will be made at the University Awards Convocation in April.



Dorothy V. Harris

Dorothy Harris is inducted as Fellow

Dorothy V. Harris, professor of exercise and sport science, was inducted as a Fellow of the International Society of Sport Psychology at the World Congress in Singapore. She is the first American and the first woman to become a Fellow in the ISSP.

Dr. Harris has been active in the Society since its conception in 1964, serving three terms on the Managing Council, and as treasurer, editor of the first Newsletter, membership chairperson, as well as chairperson of the ethics and constitution committees. She also designed the logo used by the Society.

Others inducted as Fellows were: F. Antonelli, Italy; P. Genov, Bulgaria; H. Reider, West Germany; P. Kunath, East Germany, and M. Vanek, Czechoslovakia.

Conference to explore freshman seminar courses

A one-day conference on Freshman Seminar courses, sponsored by the Office of the Vice Provost and Dean for Undergraduate Education, will be held Nov. 2 at the Keller Conference Center at University Park.

The conference is being planned by the Freshman Seminar Resource Committee, which was appointed last year to facilitate ongoing communications within and outside the University on freshman seminars.

Jerry B. Covert, associate dean for undergraduate education, said the goal of

the conference is to provide information to faculty and staff on the nature of freshman seminars, and to demonstrate a variety of such courses that currently are being taught at Penn State.

"Conference participants," he said "will have an opportunity to attend lectures and discussions with University faculty members who teach freshman seminars, and also to specifically address how these courses fit into the curriculum."

William C. Richardson, executive vice president and provost of the University, will welcome the conference participants.

Presentations will be made by Dr. Covert and M. Lee Upcraft, assistant vice president for counseling services and program assessment, and co-chair of the Freshman Seminar Resource Committee.

Persons interested in attending the conference may obtain registration forms in Room 207 Old Main.

Workshop scheduled

A workshop on curriculum integration, sponsored by the Office of the Vice Provost and Dean for Undergraduate Education, will be held Oct. 13 and 14 in

Keller Building at University Park. According to Jerry B. Covert, the workshop, "Strengthening Our Commitment: A Faculty Workshop on Curriculum Integration," is designed to build on last year's conference on curriculum integration as well as to set the stage for a more intensive effort to integrate the curriculum in the future.

The goal, he said, is to provide training for faculty in integrating diverse racial, ethnic, and gender perspectives into courses.

For more information or a registration form, call the Office of the Vice Provost and Dean for Undergraduate Education at 863-1864.

News in Brief

Cigarette smokers

The surgeon general has determined that cigarette smoking is highly addictive. The Centre for Tobacco Research, Health Education Department, is nearing completion of recruitment for its smoking cessation research study using 4mg. Nicorette gum. There still are a few spaces available.

If you are between the ages of 25 and 60, and serious about quitting, please contact the centre at 865-3767. Since the study is nearing the maximum number of participants, don't delay in calling.

Golden Key chapter honored

The Penn State chapter of the Golden Key National Honor Society has been selected from 140 collegiate chapters nationally to receive the society's prestigious Key Chapter Award.

The award is presented annually to the outstanding chapters that surpass and excel in their fulfillment of chapter responsibilities and that create an environment of achievement and strong leadership at their universities.

Golden Key is a national non-profit honors organization founded to provide recognition to academically motivated juniors and seniors in all undergraduate fields of study.

Dietetic association grant

The Division of Planning Studies' Office of Continuing Professional Education has been awarded \$112,000 by the American Dietetic Association's Commission on Dietetic Registration. The Office will use the award for a 15-month project to identify methods for helping dietitians determine their learning needs.

A five-member advisory committee, comprised of Pennsylvania dietitians and representatives from the Nutrition Program and Division of Planning Studies, is guiding the project. Donna S. Queney, director of the Division, serves as chairperson of the advisory

committee.

Wayne D. Smutz, head of the Office of Continuing Professional Education, said the project is one of several currently being conducted by the Office to help professionals learn more effectively through continuing education. In addition to the American Dietetic Association, the Office also is assisting the American Institute of Architects with a project to help architects identify their learning needs through performance assessment.

Penn State Tennis Center

The Penn State Tennis Center, next to Holuba Hall, announces that its 1989-90 indoor season will begin Oct. 1.

Court reservations at the Tennis Center will be available daily from 8 a.m. to 9 p.m. by calling 865-1381. Fall indoor leagues also will be available for faculty and staff.

Interested players should call the Tennis Center to obtain a player rating for these leagues. The Tennis Center also has acquired a stringer certification with the U.S. Racquet Stringer Association and can provide re-stringing services for players of all racquet sports.

Wordperfect Users Group

The Fall Semester Wordperfect Users Group meetings have been divided into novice and advanced sections. The novice users group meetings will be held from 8:30 to 10 a.m. in 6 Willard Building at University Park on Wednesday, Oct. 25; Wednesday, Nov. 15; Friday, Dec. 15.

The advanced users group meetings will be held from 1:30 to 3 p.m. in 141 Computer Building at University Park on Monday, Oct. 9; Monday, Nov. 13; Monday, Dec. 11.

Department of Energy grant

Thomas G. Winter, professor of physics, and Steven G. Alston, assistant professor of physics, both at Penn State

Wilkes-Barre Campus, have received a Department of Energy three-year, \$189,000 grant in physics.

The grant is aimed at furthering the development of DOE's Fusion Energy Project.

The researchers' project, titled "Electron Transfer, Ionization, and Excitation in Atomic Collisions," was submitted to DOE for research into theoretical studies of the interactions of charged particles like protons colliding with isolated atoms.

Cable TV alliance

Penn State and Mind Extension University (MEU) have joined forces to bring professional development programming and special events for educators via cable television.

The newly named Alliance for Professional Development in Education will help schools respond to individual, local, national and international educational needs in the 1990s and beyond.

These efforts will be part of the recently announced Cable TV Alliance for Education, a group of cable operators and programmers who will be providing educational programming for secondary schools beginning this fall.

The Penn State-MEU Alliance will seek the participation and involvement of colleges, universities, governmental units, professional organizations, associations and other educational agencies in establishing and producing its programming," Marlowe Froke, general manager, Division of Media and Learning Resources, said.

Launched in 1987, Mind Extension University, is a cable television network devoted to educational credit and non-credit programming. MEU now reaches more than 5 million cable households, as well as 2.4 million satellite dish owners nationwide.

Engineering program grant

Designing rescue vehicle "life boats" for

space station crews will be a part of the College of Engineering curriculum next fall through a National Space Administration and Universities Space Research Association (NASA/USRA) Advanced Engineering Design Program grant.

The competitive \$105,000, three-year grant was awarded to Robert G. Melton, associate professor of aerospace engineering, and Roger C. Thompson, assistant professor of aerospace engineering, to develop orbital transfer vehicle designs with students in the classroom.

"This grant offers our aerospace students the unusual opportunity to be involved in real design problems and solutions in a very exciting area," said engineering Dean John A. Brighton. "Programs like this help us encourage our brightest students to go on to graduate research and faculty careers."

Fulbright scholar-in-residence

Opportunities for American colleges and universities to host a visiting scholar from abroad for all or part of the 1990-91 academic year are available through the Fulbright Scholar-in-Residence Program. Institutions are invited to submit proposals for visiting scholars in the humanities and social sciences, or in scientific or professional specializations with a strong international focus.

A Fulbright scholar-in-residence may teach regular courses from a foreign area perspective, serve as a resource person in interdisciplinary courses, assist in developing new courses, or participate in special seminars. An institution hosting a scholar-in-residence would be expected to share the scholar's expertise with a wide range of departments and with neighboring institutions, involve him/her in community activities and professional organizations.

For information about proposals, which are due Nov. 1, Call Elizabeth B. Smith at 865-7081.

Focus on the arts

Featured author

The Penn State Bookstore on Campus will feature Joe Paterno for a book-signing session from noon to 1 p.m. Friday, Sept. 15.

Mr. Paterno will be available to sign copies of his new book *Paterno By The Book* written with Bernard Asbell, professor of English. Books to be autographed must be accompanied by a receipt from the Penn State Bookstore. The book is published by Random House and sells for \$16.95.

Mr. Paterno, Penn State's nationally known coach of the Nittany Lions football team, is equally renowned for his outspoken opinions, intellect and vision and for his proudest career statistic: the 85-percent graduation rate of his players.

The public is invited to attend the book signing. For more information, contact the Trade Book Department at 863-3580 or Elizabeth Wilson at 863-3250.

Painting exhibit

An exhibit of paintings by Collette Djeredjian-Arabyan is on display in the Kern Graduate Building Galleries at University Park through Sept. 28. Collette Djeredjian-Arabyan, a native of Cyprus of Armenian descent, has been painting since graduating as a graphic artist from Doxiate Art College in Athens, Greece.

"Most of my art," she says, "is inspired by Persian and Turkish miniatures as well as the art of icons which have had a deep influence on my paintings."

"The female figure with its bright colors and fine details has always been the dominant form representing patience, strength and motherhood. My subject matter expresses personal emotions, places through the mirror of the mind and self reflections."

The arts on Channel 3

Fiddlo, airing at 12:30 p.m. Sunday, Sept. 17, on WPSX-TV, features one of Victoria, British Columbia's most highly regarded cultural institutions, the Pacific Opera Victoria. The opera company performs at McPherson Playhouse, an intimate theater seating 800 people. The theater was built to reflect the "old European tradition" and to provide grand performances on a small scale.

Pacific Opera Victoria is a unique "success story," a community-based organization that has established a regional reputation for detailed, quality productions that showcase talented performers.

The 15th season of the award-winning *Liszt from Lincoln Center* will begin with "New York Philharmonic Opening Night" with the Orchestra's music director, Zubin Mehta, and soprano Jessye Norman at 8 p.m. Wednesday, Sept. 20. The program also will be simulcast on WPSU-FM.

The gala concert celebrates the opening night of the Orchestra's 148th season and will feature Miss Norman in Mahler's five "Ruckertlieder" and in the "Liebestod" from Wagner's "Tristan and Isolde." Mr. Mehta also will conduct Wagner's Overture to "Tannhauser" and the Prelude from Tristan and Isolde and Mozart's Symphony No. 40 in G minor.

French Revolution

The University's French Revolution Machine, a combination of roulette wheel and kaleidoscope, will be unveiled at 2:30 p.m. Sunday, Sept. 17, in the lobby of Kern Commons at University Park.

The French Revolution Machine was constructed during the summer months by faculty and students in the Department of Architecture. Assistant professors of architecture Donald Kunze and Katsuhiko Muramoto comprised the work team, along with five 1989 graduates in architecture: Catherine Hamel, Daniel Magno, Timothy McDonald, Stephen Turk and James O'Toole.

The wooden structure consists of a "map bed," seven concentric moveable rings



Christian Otto will discuss an engraving of the Wunzburg, Schonhorn Chapel during a lecture at 8 p.m. Sept. 19 in the HUB Assembly Room.

which restructure the map of revolutionary Paris, and a semicircular cabinet mounted on trusses above the map bed.

The Revolution Machine will be exhibited at Kern Commons through the fall and most of the Spring Semester. It is designed to serve as a three-dimensional history lesson, demonstrating that historical data, unlike scientific data, can be interpreted and reinterpreted.

Dr. Kunze said, "Only the direct experience with a playful device can stimulate the kind of speculation we need to appreciate the French Revolution, which, many people have said, is still going on."

The project has been sponsored and promoted by the University's Committee to Commemorate the Bicentennial of the French Revolution, chaired by Monique Yaari, associate professor of French.

Initial funding was provided through the University's Office of Research, headed by Dean Charles Hosler, and the College of Arts and Architecture, under Dean James Mooser.

Additional support was provided by L'Alliance Francaise, the Institute for the Arts and Humanistic Studies, the departments of History and Architecture, the College of Business Administration and the Office of Summer Sessions.

Contra-dance

The PSU Folklore Society will present Airplang II and caller Tod Whittemore from Boston for the first contra-dance of the 1989-90 season from 8 to 11 p.m. Sunday, Sept. 17, in the HUB Ballroom, University Park.

Well-known throughout New England and the Mid-Atlantic states, Airplang features Rodney Miller's unique style of fiddle playing—a blend of New England traditional and French-Canadian fiddling spiced with swing and jazz improvisation. John McGann plays guitar and mandolin, while Peter Barnes plays piano.

Dance instruction for beginners, by Marlin Whitaker, will be held at 7:30 p.m. The event is free and open to the University community. Both beginners and experienced dancers are welcome, and no partner is needed. For more information, call (614) 867-2596.

Odyssey on WPSU

According to Russian folk belief, Satan, by tricking the Archangel Michael, played an important role in the creation of woman. Instead of the rib of Adam, Eve was made out of the tale of a goat.

This is only one of the supernatural folktales that Russian Professor Linda Ivanits tells to host S. Leonard Rubinstein, professor emeritus of English, on this week's episode of "Odyssey Through Literature." "The Ritual Ploughing Around."

"Odyssey Through Literature" is

produced by the Comparative Literature Department and airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

'Me and My Girl'

The contagious cockney spirit of the popular Broadway musical "Me and My Girl" begins the 1989-90 Penn State Center for the Performing Arts season at 8 p.m. Wednesday, Sept. 20, in Eisenhower Auditorium. The production is part of the Center's "Singular Sensations" series.

"Me and My Girl" is the story of free-spirited cockney Bill Snibson and the crazy situations that arise when he discovers he has inherited the title of Earl of Hereford. It is the winner of three Tony awards, five Drama Desk Awards, and Laurence Olivier Award for Best Musical.

A special season-opening celebration in the form of a pre-performance party will be held in the Eisenhower Auditorium lobby from 6:30 to 7:30 p.m. for all ticket holders to "Me and My Girl."

Tickets can be purchased at the Eisenhower Ticket Center & The Playhouse box office. For more information, call (814) 863-0255 or (814) 865-1884.

French horn recital

Lisa J. Bontrager, assistant professor of music in the School of Music, will present a horn recital at 8 p.m. Saturday, Sept. 23, in the Recital Hall of the Music Building at University Park Campus. The recital was originally scheduled for Oct. 30.

Marylene Dosse, pianist and associate professor, will join Professor Bontrager for the Haydn Concerto No. 1 for horn and the Gliere Concerto for Horn, Op. 91. Assistant Professor Eleanor Duncan Armstrong, will join Professor Bontrager in Jan Bach's "Four 2-bit Contractions," a humorous horn and flute duet.

The program also will feature Mark Lusk, trombonist and assistant professor, in a horn and trombone duet, "Green Lake Sketches," by William Presser.

Professor Bontrager is a member of the Pennsylvania Quintet, the Pennsylvania Brass Works, and serves as principal horn for the Penn's Woods Philharmonia and the Altoona Symphony. She received music performance degrees from the University of Michigan.

Social History

Dr. Kathy Peiss, assistant professor of history and women's studies at the University of Massachusetts at Amherst, will present a talk titled "Placing Women in the Social History of Leisure" as the inaugural presentation of this year's Social History Colloquium. The talk, scheduled for 4 p.m. Thursday, Sept. 28, in the Rare Books Room of Pattee Library, will draw on Dr. Peiss's work on the historic linkages between gender and leisure.

Dr. Peiss, author of numerous articles concerning women and leisure, is the co-editor of *Passion and Power: Sexuality in History*, published this year. Currently, she is investigating the history of the cosmetic industry and the cultural development of gender.

General theme of the colloquium this year is "Leisure in America." Other scheduled speakers are: Oct. 12, Galen Cranz, Department of Architecture, University of California, Berkeley, "The Politics of Park Design: A History of Urban Parks in America"; Nov. 16, Stephen Hardy, Department of Physical Education, University of New Hampshire, "Adopted by All the Leading Clubs: Sporting Goods in the Shaping of Leisure"; Feb. 15, Gary Cross, Department of History, Penn State, "After Working Hours: Trends in the History of the Leisure of Labor"; March 22, Benjamin Hunnicutt, Department of Leisure Studies, University of Iowa, Free Time and the Right to Work: The New Deal and After; April 5, Charles Hartsoe, Department of Recreation, Parks and Tourism, Virginia Commonwealth University, The Recreation and Parks Movement: A Response to Urbanization."

All programs begin at 4 p.m. in the Rare Books Room of Pattee Library.

For further information, contact Geoffrey Godbey, Department of Leisure Studies, 203 Henderson Building South, 865-1851, or Peter Gottlieb, Historical Collections and Labor Archives, W313 Pattee Library, 863-2505.

HUB exhibit

"Clay in Process" by the State College Area School District Community Education Pottery Class is on display in the Art Alley of the Hetzel Union Galleries at University Park through Sept. 29.

The show contains work by individuals who take pottery classes taught by Grace Pilato.

A reception is scheduled for 7 to 9:30 p.m. Sept. 15.

Medallic art exhibit

Celebrating the revival of an ancient art form, the international exhibit of medallic sculpture, "The Medal as Art," will be on display until Sept. 30 in Chambers Gallery at University Park.

Subtitled "A Five-Year Retrospective of the Penn State Medallic Program," the exhibition was organized by professor of art John Cook, a Fellow of the University's Institute for the Arts and Humanistic Studies. He directed the International Medallic Art Workshop at Penn State in 1984.

"The Medal as Art" will appear next at the British Museum in London Dec. 11-Feb. 17 and the Smithsonian Institution in the spring of 1990. Professor Cook selected the 51 miniature bronze pieces, which were assembled in the University's Art Department.

"We feel that we are reversing a trend of the past half-century and that in revitalizing the medal, we are creating an art form meant again for people rather than for places," Professor Cook said.

The exhibit showcases Professor Cook's own work and those of his collaborator, Jeanne Stevens-Sollman, a former part-time University instructor and guest artist who helped prepare the exhibit brochure. A third entrant is Saleh Hassan Al-Zayer, a doctoral student in the School of Visual Arts art education program.

Funds for the mounting of the exhibition were provided by the Institute for the Arts and Humanistic Studies and by the College of Arts and Architecture research office.

(Continued on page 7)

University Park Calendar

September 14— September 24 Special Events

Thursday, September 14
Trustees meet at University Park, through Sept. 15.
English Colloquium, 4 p.m., Paul Robeson Cultural Center, Toni Cade Bambara will speak.
Shaver's Creek, 7-8:30 p.m., Halloween Trail Meeting for Volunteers. Call 863-2000.
Friday, September 15
Women of Color Luncheon, noon-1 p.m., Nittany Lion Inn.
Geog. Coffee Hour, 4 p.m., 319 Walker, Bob Hurley on "Vertically Integrated Health-Care Systems." Refreshments & socializing 3:30 p.m.
Special convocation on Korean War Veterans Memorial, 4 p.m., Schwab Aud.
Shaver's Creek, 7-10 p.m., Moonlight Canoe for Two. Also Sept. 16. Call 863-2000.
School of Music, student recital, 8 p.m., Recital Hall. Jury Recognition Recital.
Saturday, September 16
Hort Show, Ag. Arena, through Sept. 17.
Sunday, September 17
Shaver's Creek, 11 a.m.-4 p.m., Raptor Festival: 2-4 p.m., the Honey Factory. Call 863-2000.
Friends of the Palmer Museum of Art, play, 2:30 p.m., Palmer Museum of Art. *Sissu Hunger*, Mary Gage, playwright and associate professor, communications and theater arts. Free. Tickets must be picked up in advance at the Museum Store. Also Sept. 18-Sept. 23, 8 p.m.
Bi-centennial of the French Revolution, 2:30 p.m., Kern lobby. Unveiling of University's French Revolution Machine constructed by faculty and students in Dept. of Architecture.
Carnegie Hall Film Series, 7 p.m., 4 Carnegie. *Jes. Bol-Sing Barbershop, Wai-Cui Hsueh* (1982): 8:15 p.m., *End of Summer* (1991). Free.
PSU Folklore Society, 8-11 p.m., HUB Ballroom. Airplant II. Instruction for beginners at 7:30 p.m.
Monday, September 18
Comp. Lit. Luncheon, 12:15 p.m., 101 Kern. Stanley Rosen on "Hermeneutics." Refreshments served.
Tuesday, September 19
Art History Lecture Series, 8 p.m., HUB Assembly Room. Christian F. Otto, Cornell Univ., on "Balthus Neumann's Italian Liaison—Second Thoughts."
Wednesday, September 20
URTC, 5 p.m., 119 Arts. New Play Workshop #1, through Sept. 22.
Penn State Chapter of Educational Office Personnel, 5:15 p.m., 110 Henderson. Rachel Miller on "An Update on the Revision of Current Job Evaluation and Classification System at Penn State."
Center for Women Studies, Contemporary Scholarship on Lesbian and Gay Lives Speaker Series, 7 p.m., HUB Assembly Room. Martin Duberman, City Univ. of N.Y., on "Hidden From History: Reclaiming the Lesbian and Gay Past."
Center for the Performing Arts, 8 p.m., Eisenhower Aud., "Me and My Girl."
School of Music, 8 p.m., Recital Hall. Leonard Feldman, cello.
Thursday, September 21
Bach's Lunch Concert, 12:10-12:30 p.m., Eisenhower Chapel, University Lutheran Parish.
Brown Bag Lunch/Lecture, 12:10-12:30 p.m., Palmer Museum of Art. Readings of student works from the inaugural issue of *Penn State Journal of Contemporary Art Criticism*.
Central Pa. Society of the American Institute of Archaeology, 7:30 p.m., Penn State Room, Nittany Lion Inn. Wendy Ashmore, State Univ. of N.J., on "Sacred Ancient Maya Geography (Copan, Honduras)."



The paintings of Collette Djeredjian-Arabyan are on display in the Kern Graduate Building Galleries through Sept. 28.

Six Feminist Scholars' Lecture Series, 8 p.m., 305 HUB. Sharon Traewick, Rice Univ., on "Women Scientists in East Asia."
Friday, September 22
Geog. Coffee Hour, 4 p.m., 319 Walker. Susan Cutter on "The Geography of Airborne Toxic Releases." Refreshments & socializing at 3:30 p.m.
School of Music, 8 p.m., Recital Hall. Andreas Kroper, flute.
Saturday, September 23
Shaver's Creek, 7:30-10 a.m., Bird Breakfast. Call 863-2000.
School of Music, 8 p.m., Recital Hall. Lisa J. Bontrager, horn, faculty recital.
Sunday, September 24
Shaver's Creek, 2-4 p.m., Spring Creek Walk. Call 863-2000.
Friends of the Palmer Museum of Art, 2:30 p.m., Palmer Museum of Art. The Nova Consort: Toby Caron, Barbara Hess, Carrie Crompton, Dorothy Fraser.
School of Music, 4 p.m., Recital Hall. Carl Blake, piano, faculty recital.
Carnegie Hall Film Series, 7 p.m., 4 Carnegie. *Vern, Florida* (1981): 8:15 p.m., *My Last Hero, Ben Bunting* (1949). Free.

International Events

Graduate study abroad
Graduate students are encouraged to apply for the 1990-91 Fulbright program offering graduate study abroad opportunities. The

application deadline is Sept. 10. For application forms and more information, stop by Room 222 Boucke Bldg. and speak with Elizabeth B. Smith, Fulbright program adviser.

New scholarship program
Undergraduates are urged to apply to a new scholarship program, the Samantha Smith Memorial Exchange, by Oct. 31, to spend the spring 1990 semester abroad in Hungary or Poland. For details, contact Elizabeth B. Smith at Room 222 Boucke Bldg.

Public Radio

WPSU-FM 91.1 "All Things Considered."
Monday-Friday, 5-6:30 p.m.: Saturday and Sunday, 5-6 p.m.: Morning Edition, Monday-Friday, 6-8 a.m.: Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m.: Odyssey Through Literature, 12:30 p.m., Wednesdays, hosted by S. Leonard Rubenstein. "Creative License," 12:30 p.m., Thursdays, hosted by Cherie S. Lewis.

Conferences

Executive Programs
Sept. 24-Oct. 6, Conrail Management Program at Penn State, academic program director: Dr. John C. Psychlowski, chairman and professor of business logistics.
Sept. 24-Oct. 6, Manufacturing Strategy and

For information about Penn State arts and calendar events and the weather, call 863-1234 and follow the directions given in the recorded message.

Technology, academic program director: Dr. Michael P. Hottenstein, assistant dean and faculty director, graduate programs and professor of management.

Seminars

Thursday, September 14
Physics Colloquium, 3:30 p.m., S5 Osmond Lab. Dr. Morrell H. Cohen, Exxon Research, on "Comments on the Theory of High Temperature Superconductivity."
Ecology, 3:45 p.m., 111 Wartik. Dr. Marc D. Abrams on "Successional Pathways Following Clearcutting and Burning in Jack Pine Communities in Michigan."
Earth and Mineral Sciences, 4 p.m., 412 Walker Bldg. Warren M. Washington, National Center for Atmospheric Research, on "Computer Simulation of the Greenhouse Effect."
Friday, September 15
Earth and Mineral Sciences, 9 a.m., 301 Steidle Bldg. Frank Runko Jr., Electrotools Inc., on "Fuel Science Revisted from the Business World."
Tuesday, September 19
Gerontology Colloquia, noon, 101 Health & Human Dev. East. Dr. Bonnie J.F. Meyer, Univ. of Washington, on "Text Structure, Reading Comprehension and Aging." Refreshments served.
Chemistry Colloquia, 3:30 p.m., S5 Osmond Lab. Kenneth B. Eisenhart, Columbia Univ., on "Laser Studies of Chemical Reaction Dynamics at the Air-Water Interface." Reception follows.
CAMP, 4 p.m., 339 Davey Lab. H. Hess, AT&T, on "Tunneling into a Superconducting Vortex: An STM Study."
Thursday, September 21
Ecology, 3:45 p.m., 111 Wartik. Dr. Margaret Brittingham on "Effects of Supplemental Feeding on the Ecology of the Black-Capped Chickadee."
Alan R. Warheim Seminar in Agribusiness Education, 3:45 p.m., 101 Kern. Gary T. Kinsley, Hanover Brands Inc., on "Government Regulation of the Food Processing Industry in the 1990s." Refreshments served.

Exhibits

Chambers Gallery
School of Visual Arts. Prints and Medallies, through Oct. 13.
HUB Galleries
Art Alley Cases:
Clay in Process by the SCASD Community Education pottery class, through Sept. 29.
Art Alley Panels
Ink Meets Paper by Craig Anceletowicz with Nigel, through Sept. 29.
Browsing Gallery:
MicroScapes: The Hidden Art of High Technology, sponsored by AT&T, Sept. 23-Nov. 8.
Formal Gallery:
People, Places, Patterns by Heinz K. Henrich, through Sept. 22.
Palmer Museum of Art
Robert Yarringer Paintings 1980-88, through Sept. 17.
Turn-of-the-Century European Posters from the Museum's Collection, through Nov. 5.
Bellefonte Classics, through Oct. 22.
Pattee Library
East Corridor Gallery: Brooker Stephen Carpenter II, "Works in Clay," through Sept. 23.
Lending Services:
John O'Hara Movie Posters, through Sept. 15.
Kevin Slack, paintings, Sept. 18-Oct. 20.
West Lobby Gallery:
Mary Voller, Recent Works, through Sept. 20.
Zoller Gallery
Neopunkedelic Invitational Exhibit, through Sept. 30.

Bookshelf

Gary C. Cross, associate professor of history, is the author of *A Quest For Time: The Religion of Work in Britain and France, 1840-1940*, published by the University of California Press.
The work examines the process by which the eight-hour day, the weekend and the summer vacation became widespread in industrial Europe.

Dr. Cross explains that increased free time for workers was not a natural product of economic growth but resulted from a century of theoretical debate, industrial and political conflict and cultural change.
A specialist in modern European social and labor history and the history of technology, Dr. Cross also wrote *Immigrant Workers in Industrial France: The Making of a New Laboring Class*, published by Temple University Press in 1983.

K. Warner Schaie, Evan Pugh professor of human development and psychology and director of the Gerontology Center, has co-edited a new book, *The Course of Later Life: Research and Reflections*.
The other co-editor is Vern L. Bengtson, director of the Gerontology Research Institute at the University of Southern California. The publisher is Springer Publishing Co.
The book examines the path of human development after the middle years and the adjustments and decline of certain

biological, psychological and social skills. The book gives scientific perspectives on issues ranging from genetics to changing intellect to learning and memory.
In addition to co-editing the book, Dr. Schaie contributed a chapter titled "Individual Differences in Rate of Cognitive Change in Adulthood."
The book is dedicated to James E. Birren on his retirement as dean of the Arris Gerontology Center of the University of Southern California.

Appointments

James A. Clark has been appointed associate extension agent for Penn State Cooperative Extension in McKean County.

He is responsible for developing and leading programs in livestock agriculture in McKean, Cameron and Potter counties. He also will be organizing educational programs for livestock in this tri-county region.

Mr. Clark earned a master's degree in agricultural and occupational education from Cornell University in Ithaca, N.Y., in 1985. He holds an applied science associate degree in animal husbandry from the State University of New York at Alfred and a bachelor's degree in agricultural education from Cornell.

From 1987 to June of this year, he worked as a regional livestock extension agent for the University of Vermont's Extension Service. Previously he taught high school agriculture classes at the Pen Yan Academy in New York.

James L. Frazier has been appointed head of the Department of Entomology.

Prior to his appointment, Dr. Frazier was senior research scientist in the Agricultural Chemistry Department at E. I. du Pont de Nemours & Co. in Wilmington, Del. While at Du Pont, he established a program to study insect response to chemical stimuli known as chemoreception research. Because of his work, scientists are studying how insects taste cells function and how information is processed to regulate insect feeding behavior.

Previously he was a professor in the Department of Entomology at the Mississippi State University and Agricultural and Forestry Experiment Station. He also had been a visiting research scientist in the University of Maryland's Department of Biological Sciences and at the USDA Western Regional Laboratory in Albany, Calif.

A native of Seville, Ohio, Dr. Frazier received bachelor's and doctoral degrees in entomology from the Ohio State University. He is a member of the Entomological Society of America, the European Chemoreception Research Organization, the Association for Chemoreception Sciences and the International Society of Chemical Ecology. He also is a member of Sigma Xi, the national honorary society for science,

and Gamma Sigma Delta, the national honor society for agriculture.

Juanita A. Haddad has been named assistant affirmative action officer in the Office of Affirmative Action.

She will be responsible to the affirmative action officer for ensuring that the University is in compliance with federal and state legislation and other laws and regulations governing equal employment and affirmative action. She also will be responsible for managing office operations, investigating complex complaints and securing internal resolutions and developing equal opportunity informational and training materials.

A Philadelphia native, Ms. Haddad served as president and senior consultant of Haadee Associates, Philadelphia. She founded the firm, designed to provide consulting services for communities and businesses in program management and development, in 1978.

Before establishing her own business, Ms. Haddad served for two years as director of youth services for the Philadelphia Housing Authority and eight years as a Philadelphia policewoman, juvenile aid division.

She has received numerous special awards during her career, including a service award from the Korean Business Association and a cultural arts award from the United Minority Contractors Association in Philadelphia.

Ms. Haddad received her bachelor's and master's degrees in human services from Lincoln University.

L.A. Napier has been appointed an affirmative action investigator in the Office of Affirmative Action.

She will be responsible to the affirmative action officer for coordinating the Affirmative Action Office's Complaint Division in compliance with University policy, federal and state laws and other regulations governing equal employment and affirmative action.

Dr. Napier recently received a Ph.D. in educational administration from Penn State. A native of Tahlequah, Okla., she came to Penn State to pursue her doctorate in 1980. She earned a master's of education degree in guidance and counseling in 1980 and another in curriculum and instruction in

1986 from Northeastern State University, Tahlequah, Okla. She received her bachelor's degree in sociology from the same university in 1975.

While studying for her Ph.D., she served as a graduate assistant for curriculum, staff development, planning, research and communications in the State College Area School District.

Before attending Penn State, Dr. Napier served as a counselor in school districts in Oklahoma City, Norman and Tahlequah, Okla., and Agoura, Calif. She also taught American Indian history and served as director of American Indian education of public schools in Tahlequah, Okla.

At Penn State, she is a member of Women of Color.

William A. Pearman has been appointed director of academic affairs at Penn State Wilkes-Barre Campus.

Dr. Pearman previously had been provost and vice president of academic affairs at Sacred Heart University, Fairfield, Conn. A graduate of LaSalle University, he received a master's degree from Fordham University and Ph.D. in sociology from the University of Pittsburgh.

Dr. Pearman has held academic positions at several colleges and universities, including Millersville University, where he was a faculty and staff member for 14 years, Virginia Commonwealth University, Loyola University, and Fordham.

He has published extensively in journals and is the author of several books, including *Melchior: A Humbleton on the History and Issues of Health Care Services for the Elderly*, *Three Mile Island: A Sourcebook*, and *In the Presence of Sociology: Selected Problems*.

Scott A. Harrison has been named program coordinator with the Pesticide Education Program.

His responsibilities include developing and administering pesticide training and certification programs throughout the Commonwealth. Mr. Harrison also coordinates pesticide use and benefit assessments in cooperation with other pesticide specialists.

Mr. Harrison received his B.S. in chemistry from Delaware Valley College in 1984. He recently completed his master's degree at Penn State.

Brenda S. Townsend, assistant professor of education, has been appointed coordinator of basic skills in Academic Assistance Programs.

Her appointment, effective Sept. 1, was announced by Jerry B. Covert, associate dean for undergraduate education. In her new position, she will be responsible to the assistant dean, Academic Assistance Programs, for the system-wide coordination of the Basic Skills Program.

A graduate of Virginia State College with B.S. and M.Ed. degrees, Dr. Townsend received her Ph.D. from Penn State. She served as a reading specialist with the Charlotte County, Va., Public School System from 1973 to 1978 and was a reading specialist with Educational Development Services of Indiana University of Pennsylvania from 1981 to 1985. She joined the College of Education faculty in 1985.

She is the author of numerous articles in professional journals and has served as a consultant for a number of public school districts.

At the University, Dr. Townsend served as a member of the Basic Skills Advisory Committee. In the College of Education, she was a member of the Committee on Equal Opportunity and currently serves on the College's Faculty Council.

Dr. Townsend is a member of the American Reading Forum, Association for Supervision and Curriculum Development, College Reading Association, and International Reading Association.

She also is a member of the Black Conference on Higher Education, Pennsylvania Association of Development Educators, Forum on Black Affairs, Men and Women of Color, and the Mid-State Reading Council.

Gary E. Washington has been appointed assistant youth extension agent for Penn State Cooperative Extension in Cambria County.

Mr. Washington earned a bachelor's degree in business administration from Salem College in West Virginia in 1969. He worked for the Southern Alleghenies Commission as a technical assistant until 1986. From 1987 to June of this year, he worked as a counselor for the employment agency in Bedford.



James L. Frazier



Juanita A. Haddad



L.A. Napier



William A. Pearman



Brenda S. Townsend

Faculty/Staff Alerts

Affirmative Action Notice

The Pennsylvania State University is a government contractor subject to Section 503 of the Rehabilitation Act of 1973, which requires government contractors to take affirmative action to employ and advance in employment qualified handicapped individuals.

If you have a physical or mental impairment, a record of having had such impairment or are regarded as having an impairment that substantially limits your ability to secure, retain or advance in employment, we would like to include you under the Affirmative Action Compliance Program.

It will assist us in proper placement and

appropriate accommodations if you tell us about (a) any special methods, skills or procedures which qualify you for jobs that you might not otherwise be able to do because of your impairment, so that you may be considered for any position of that kind, and (b) possible accommodation which could be made which would enable you to perform the job properly and safely.

We will also aid in "identifying" individuals requiring assistance in the interest of life safety for the development and execution of emergency evacuation in all buildings of The Pennsylvania State University, University Park Campus and Commonwealth Campuses. Compliance shall be on an individual, voluntary basis.

Submission of this information is voluntary and refusal to provide it will not subject you to discharge or disciplinary treatment. Information obtained concerning individuals shall be kept confidential, except that (1) supervisors and managers may be informed regarding restriction on the work duties of handicapped individuals, and regarding necessary accommodations, (2) first aid and safety personnel may be informed when and to the extent appropriate, if the condition might require emergency treatment and (3) government officials investigating compliance with the Act shall be informed.

The Affirmative Action Office is responsible for the coordination of compliance with the requirements of Section 503. If you are a handicapped individual and would like to be considered

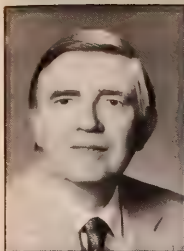
under the affirmative action program, please contact the Affirmative Action Office (814/863-0471 or network 433-0471).

Transferring

University employees occasionally find it necessary to relocate from one area in the state to another. In such an instance, it may be possible to arrange continued University employment at another University location, depending on the availability of a suitable position.

Any interested employee who faces such a move should contact the Employment Division, Rider Building, 120 S. Burrows St., 865-1387 (Network 475-1387) regardless of the employee's present location. Such contact should be made as far in advance of the move as possible.

25-year award recipients



Observing 25 years of service at the University are, from left, James B. Herendson, professor of economics; Kathryn K. Lynott, associate director for decision support systems, Budget Officer of the University; Joseph MacNeil, professor of food science;

John H. Riew, professor of economics; Janis Spalvins, manger, Facilities Planning, Office of Physical Plant.

Promotions

Staff Exempt

Linda Armstrong to administrative assistant in Liberal Arts.

Masune Assaf to foreign student advisor in President's Office.

Karentha Barber to employee relations officer in Office of Human Resources.

Lisa Berkey to mechanical engineer 111 in Office of Physical Plant.

Pamela A. Bona to foreign student advisor in President's Office.

Silvia G. Cabrera to assistant director, administration services in Division of Development and University Relations.

Kristopher J. Conforti to supervisor, Day Shift Pharmacy at Hershey.

Ardeth L. Frisbey to assistant director, OIS, and foreign student advisor in President's Office.

Helen L. Gallupi to systems analyst at Hershey.

Diane S. Greenfield to development assistant, Health and Human Development in Division of Development and University Relations.

George Hall to approval program specialist in University Libraries.

Diane M. Hoover to section supervisor, special chemistry at Hershey.

Charles P. Jones to senior engineering aide in Applied Research Lab.

David J. Klinikowski to technical engineer in Vice President for Research and Dean of the Graduate School.

Ann Marie Lomnicki to coordinator.

campus residential life at Altoona Campus.

Anita C. Mathias to business systems coordinator at Hershey.

Sandra K. Meyer to counselor/freshman academic coordinator in Undergraduate Programs.

Diane Nowacinski to registration assistant at Behrend College.

Jacqueline Peagler to earth and mineral science assistant in University Libraries.

Maryanne Pindar to bookstore manager in Penn State Bookstore.

Douglas M. Posey to assistant to the director in Student Services.

Christina M. Rameau to assistant manager, News Bureau in Division of Development and University Relations.

Barbara B. Rayman to foreign student advisor in President's Office.

Pauline E. Reese to microcomputer system consultant in C&IS - Center for Academic Computing.

Patrick O. Richie to assistant extension agent in Agriculture.

Wendy J. McCrory Rotz to senior development officer, libraries in Division of Development and University Relations.

Thomas D. Salada to senior research aide in Science.

Cathy Salak to coordinator, campus residential life at Hazleton Campus.

H. David Sarge to manager, center for electronic materials and processing in Engineering.

Susan Scheetz to assistant athletic director in intercollegiate athletics.

Susan Simoneau to project assistant in Vice

President for Research and Dean of the Graduate School.

Sherwood Smith to assistant director in Student Services.

Glenda H. Trumpower to assistant manager at Hershey.

Robert J. Wambaug to project associate in Education.

Marilyn K. Wilson to learning center math specialist at Schuylkill Campus.

Staff Non-Exempt

Janice B. Apodiakos to senior diagnostic radiologic technologist at Hershey.

Mary M. Banko to clinical head nurse at Hershey.

Kimberly A. Brugger to licensed practical nurse, medicines at Hershey.

Barbara A. Davis to administrative aide in Engineering.

Deborah L. Gashie to licensed practical nurse, medicines at Hershey.

Debra J. Grumbine to respiratory therapist at Hershey.

Shirlee H. Hogg to licensed practical nurse, medicines at Hershey.

Rachel Lehr to library assistant at York Campus.

Jane Owens to personnel assistant in University Libraries.

Rebecca L. Roberts to research technician at Hershey.

Rodney Smeltz to senior research technologist in Agriculture.

Michele Wetzel to surgical head nurse at Hershey.

Obituaries

Robert E. McCord, retired assistant dean for continuing education in the College of Education and associate professor emeritus of engineering, died Aug. 29 at the age of 68.

Mr. McCord received a bachelor's degree in industrial engineering from Penn State in 1942. He joined the faculty in 1948 and earned a master's degree from Massachusetts Institute of Technology in 1952. He retired Jan. 1, 1983, after 34 years service.

Before joining the Penn State faculty, he was employed by Pratt and Whitney Aircraft Corp. as a senior analyst. In 1953, he took a leave of absence to the University of Puerto Rico, where he served as a consultant and department head in helping to create that university's first department of industrial engineering.

Mr. McCord published professional articles on engineering education issues and served as a consultant to many firms and universities on engineering technology and continuing education administration.

He served as a consultant to the U.S. Department of Health, Education and Welfare.

George T. Bobby, assistant professor of exercise and sport science at the Hazleton Campus since Sept. 1, 1967, died Aug. 28. He was 51.

Carpooler

Wanda is looking for riders for a carpool or to be in a carpool. She works from 8 a.m. to 4:30 p.m. and can be reached at 865-1517.

Focus on the arts

(Continued from page 4)

Play scheduled

"Skin Hunger" a new play by Mary Gage, associate professor of film and video in the School of Communications, will be performed at 2:30 p.m. Sunday, Sept. 17, and nightly at 8 p.m. Monday, Sept. 18, through Saturday, Sept. 23, at the Palmer Museum of Art at University Park.

"Skin Hunger" is a love story set in an actor's workshop. The play integrates the works of the Robert Yarber exhibition into the set, using the canvases as a backdrop.

Admission to the play is free. Tickets must be picked up in advance at the Museum Store located on the first floor.

Art history lecture

Christian Otto, professor of architectural history at Cornell University, will present the lecture "Balthasar Neumann's Italian Liaison-Second Thoughts" at 8 p.m.

Tuesday, Sept. 19, in the HUB Assembly Room at University Park.

The lecture is part of the 1989-1990 series "The World and the Italian Architect: Native Images and Reflections Abroad" co-sponsored by the Department of Art

History and the Institute for the Arts and Humanistic Studies.

Johann Balthasar Neumann, considered one of the greatest German Baroque architects, in Professor Otto's words, "created some of the most commanding, complex and impressive architecture in the West." The lecture will focus on Neumann's travels throughout Austria, Bohemia and northern Italy as a career officer in the corps of engineers under Prince Eugene in the Belgrade campaign.

An international specialist on Neumann, Professor Otto also has published numerous articles and reviews on German Renaissance and Baroque architecture, Mies van der Rohe, American architecture, the International Style, urbanism and architectural theory.

The lecture is open to the public.

Faculty recital

Leonard Feldman and Joanne Zagst, faculty members in the School of Music, will perform in concert at 8 p.m. Wednesday, Sept. 20, in the Recital Hall of the Music Building at University Park.

The program will open with Gabriel Faure's "Elegy" for cello and piano.

Beethoven's early duet subtitled "With Two Eyeglasses Obligato" and Walter Piston's Duo of 1949 will follow.

Marylene Dosse, pianist, and Donald Hopkins, violinist, both of the School of Music faculty, will join the duo after intermission in the last of Brahms' three Piano Quartets, Op. 60, in C minor.

The recital is free and open to the public.

Bach's Lunch

Janet Laws and Renee Scharpf, sopranos and students in the School of Music, will present a recital at 12:10 p.m. Thursday, Sept. 21, in Eisenhower Chapel at University Park.

The 20-minute concert is part of the fall Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish. The audience is invited to bring their own brown bag lunch to eat after the performance. Coffee and tea will be provided.

Museum program

Student readings from the inaugural issue of the *Penn State Journal of Contemporary Criticism* will open the Brown Bag Lunch/Lecture Series at the Palmer Museum of Art at 12:10 p.m. Thursday, Sept. 21.

Founder of the journal, John Kissick, assistant professor of art in the School of

Visual Arts, decided to pursue a publication as part of the process of teaching art theory and criticism.

The publication is edited by Kissick and Randy Ploog, assistant curator at the Palmer Museum, and is one of the few journals of its kind in universities across the country.

The presentation is free and open to the public. For more information, contact the Palmer Museum at 865-7672.

Flutist to perform

Andreas Kroper, guest artist from West Germany, will present a solo flute recital at 8 p.m. Friday, Sept. 22, in the Recital Hall of the School of Music at University Park.

The program will feature 18th-century Parisian works for solo flute, including works by Marin Marais, Joseph Bodin de Boismortier, Jean Stamitz, and Amand Vandenhaeghe, Jean Jacques Rousseau and Jacques Hotteterre "le Romain."

Mr. Kroper bases the integrity of his performances on his academic research concerning 17th- and 18th-century compositions, striving for interpretations that remain faithful to the original texts and styles of the times.

During his week-long residence at Penn State, he will present guest lectures, master classes and seminars, and demonstrate instruments from his personal collection.

News in Brief

Language project seeks participants

Keith Smith of the Department of Psychology is looking for children ages 2 1/2 to 8 years to participate in a research program exploring ways to teach children a new language. Contact Dr. Smith at the Department of Psychology, University Park, for details.

Sigma Xi seeks new members

Sigma Xi, the Scientific Research Society, wishes to remind members that nominations for new members are due Sept. 20. Nomination forms may be obtained from Ellen Rocky, 106 Patterson, 865-1895. Completed forms should be returned to Mrs. Rocky.

Educational Office Personnel

Rachel Miller, manager, Salary Administration and Classification Division will speak at a meeting of the Penn State Chapter of Educational Office Personnel at 5:15 p.m. Wednesday, Sept. 20, in Room 110 Henderson Human Development Building at University Park. She will discuss "An Update on the Revision of Current Job Evaluation and Classification System at Penn State."

The Penn State Chapter of Educational Office Personnel is a

professional organization whose membership consists of faculty staff, non-exempt, clerical and technical service employees. For information, call Sharon Rolley, president, at 863-2211, or Lois Summers, membership chair, at 863-2211.

Alan R. Warehime seminar

Gay T. Knisely, vice president for administration, corporate secretary and counsel, Hanover Brands, Inc., will present the first Alan R. Warehime Seminar in Angribusiness Education at 3:45 p.m. Thursday, Sept. 21, in Room 101 Kern Graduate Building at University Park. He will discuss government regulation of the food processing industry in the 1990s.

Graduate Faculty annual meeting

The annual meeting of the Graduate Faculty will be held at 4 p.m. Wednesday, Sept. 27, in Room 112 Kern Graduate Building at University Park.

The principal item on the agenda is an address by Charles L. Hosler Jr., senior vice president for research and dean of the Graduate School, on the state of graduate education and research at Penn State.

It would be appreciated if faculty

members would note this important event on their calendar in order to avoid any conflict.

Free family swimming

Free introductory swimming will be held from 2:30 to 9:50 p.m. Sunday, Sept. 24, at the McCoy Natatorium at University Park. Individuals as well as families are encouraged to participate. All three indoor pools may be used. Towels and lockers also are provided free of charge.

The McCoy Natatorium is located at the corner of Bigler and Curtin Roads. Call 865-1432 for further information. Call 863-1311 for lap swimming times.

China Symposium

A two-part China Symposium will be held at the Penn State Hazleton Campus.

Representatives from the U.S. State Department, the British Embassy, the U.S.-China Business Council and the National Commission on U.S.-China Relations will join professors from the Penn State Hazleton Campus and visiting professors to discuss the pro-freedom movement in China that occurred during this past semester, its aftermath, and their consequences for

the people of China, foreign policy and economic issues.

The first programs will be held from 7:30 to 9:30 p.m. Wednesday, Sept. 27, and Wednesday, Oct. 4, in the Campus Dining Hall.

For additional information, call the Office of University Relations at the Penn State Hazleton Campus at (717) 450-3180 or Eugene Miller, symposium moderator, at (717) 450-3037.

Classroom Hotline

The Classroom Improvement Committee has established a new "Classroom Hotline" to provide an easy "access to service" for faculty and students to request repairs or report difficulties in scheduled general purpose classrooms.

If you encounter any problems with the room or the equipment scheduled for your use, call 863-6000 for fast, efficient service. A small sticker is being placed in each classroom to remind faculty and students of the new number.

If you have suggestions for the improvement of a classroom, you may call Bob Allen, chairman of the Classroom Improvement Committee, at 863-3100. Or you may call the Hotline and the information will be recorded and forwarded to the committee.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions.

This announcement is made so that all University employees who are interested in promotion MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-6304 (NETWORK LINE 433-0304). Applications for these staff vacancies will be accepted until Sept. 21, 1989. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment Practices (FES-1) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

• **Events and Facilities Coordinator, Penn State Great Valley, Continuing Education** - Responsible to the director of continuing education for marketing and coordinating facility rentals and usage and for providing logistical and administrative support for seminars, workshops, meetings and conferences. Requires two or more years of college or equivalent, plus two to four years of effective experience. Excellent oral and written communication skills required. STAFF GRADE 5.

• **Staff Development Instructor, University Hospital, Nursing Administration, Hershey Medical Center** - Responsible to the assistant director of nursing, staff development for the design and implementation of orientation, inservice education and specialized courses for all levels of nursing personnel and in particular the critical care

intern program for graduate nurses. Requires master's degree or equivalent in nursing with one to two years of effective clinical experience. Critical care experience highly desirable. STAFF GRADE 6.

• **Assistant Executive Director for Membership and Marketing, Division of Development and University Relations, Alumni Association, University Park Campus** - Responsible to the associate executive director for communications and administration for marketing, advertising and promoting programs, services, products and other innovative ventures in order to retain and increase the membership, promote the visibility of and generate revenue for the Penn State Alumni Association. Requires bachelor's degree, or equivalent, in advertising, marketing or related field, plus two to four years of effective experience in advertising and promotional development, writing, editing, design and layout of print, audio and visual media. STAFF GRADE 7.

• **Assistant Manager, Catering, Housing and Food Service, University Park Campus** - Responsible to the catering manager for details that relate to the scheduling, planning for and supervision of catered events in various locations; meet and confer with customers, food production supervisors and coordinators. Requires bachelor's degree or equivalent, preferably in hotel, restaurant and institutional management, or culinary arts, plus one to two years of effective experience. HOURS AND DAYS OFF VARY BASED ON SCHEDULED EVENTS. STAFF GRADE 5.

• **Assistant Interior Design Coordinator, Housing and Food Services, University Park Campus** - Responsible to the interior design coordinator for assisting in the development and

implementation of decorating schemes for refurbishing the various Housing and Food Services facilities at University Park and Commonwealth Campuses and for assisting in the overall administration and supervision of the Housing and Food Services serving room. Requires bachelor's degree, or equivalent, in interior design or related field plus one to two years of effective experience in design and serving techniques. STAFF GRADE 5.

• **Research Aide, Agriculture, Veterinary Science, University Park Campus** - Responsible for the routine inorganic and organic chemical analysis of animal tissues including (a) preparation, standardization and testing of analytical reagents, (b) a working knowledge of UV fluorescence spectroscopy and (c) working knowledge of HPLC techniques. Requires bachelor of science degree in biochemistry, medicinal technology or biological science, or equivalent, and up to one year of effective laboratory experience. STAFF GRADE 4.

• **Supervisor, University Learning Centers, Commonwealth Educational System, University Division of Media and Learning Resources - Audio-Visual Services, University Park Campus** - Responsible to the director, Audio-Visual Services, for the supervision of all University Learning Centers, including supervision of assigned personnel and maintenance and use of equipment and facilities. Meet with University faculty, staff and students to facilitate use of the University Learning Centers and all services provided by Audio-Visual Services. Requires bachelor's degree, or equivalent, plus one to two years of effective experience. STAFF GRADE 6.

• **Personnel Specialist, Applied Research Laboratory, ARL, University Park Campus** - Responsible to the personnel manager of the Applied Research Laboratory for providing staff support in the area of minority programs, employment, student employment programs, records and procedures and other human resource functions as required. Requires bachelor's degree, or equivalent, plus one to two years of effective experience in human resources or related management area. Experience in employment/recruiting and management information systems is desirable. U.S. citizenship required. STAFF GRADE 6.

VP search process

In an announcement in the Sept. 7 issue of *Intercom* regarding the appointment of a search committee to identify candidates for the position of vice president for continuing education, the address for receiving applications and nominations was omitted.

The search committee will review applications in October and continue to receive them until a candidate is selected. Nominations and letters of application, accompanied by a curriculum vitae and other supporting material, should be submitted to J.D. Hammond, chair, Vice President for Continuing Education Search Committee, Room 201 Old Main, University Park.

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7517.

William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

September 14, 1989
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TEACHING AWARDS

Nominations are being sought for University teaching awards. See the story on page 3.

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Board of Trustees approves appropriation request

The Board of Trustees at its meeting Sept. 15 at University Park approved an appropriation request for 1990-91 that is a continuation of a multi-year plan to increase funds to public higher education in the Commonwealth.

"The Commonwealth's 1989-90 appropriation increases for public higher education were among the highest in more than a decade," President Jordan said. "In addition, they were accompanied by special incentive funding under a new Tuition Challenge Grant Program.

"This progress is a welcome and hopeful sign that state funding for all of public higher education in Pennsylvania will continue to improve. However, it does not fully address Penn State's underfunding needs, nor does it correct inequities that exist in funding for Penn State, compared to the Commonwealth's other public universities."

Penn State is seeking a 1990-91 appropriation totaling \$270,028,000, including the College of Medicine at Hershey and the Pennsylvania College of Technology in Williamsport.

The requested state appropriation portion of the general budget plan represents a \$30,536,000 increase over the current year's state funding of \$240,072,000 or 12.7 percent rise.

The budget plan also proposes a 0 percent increase in tuition rates. This increase - combined with the requested state appropriation increase and estimated rise in other income - would raise the general funds budget to \$657,015,000 for 1990-91.

The general funds budget supports the basic teaching, research, and public service programs, as well as administrative support activities and maintenance of the University physical plant.

The proposed tuition change represents a target figure for the coming academic year not a set rate. Specific changes in tuition will be addressed by the Trustees after the legislature and governor have acted on the state appropriation request next year.

"This proposal is brought forth reluctantly since the University recognizes that Penn State students and their families have had to assume a rising burden of educational costs," Dr. Jordan said.

"Penn State is concerned about the critical problem of access by students to the quality and variety of education programs at the University's 23 locations," he added. "The University's tuition rates are among the highest at major public research universities."

"At the same time, the University's appropriation request recognizes that the Commonwealth's contribution must be brought into better balance with that of the

students. But individual students should be expected to share in the higher costs of quality education."

The increase of \$50,239,000 in the general fund budget plan would cover projected base operating cost increase of \$41,749,000 for such items as salary adjustments, employee benefit adjustments and operating cost increases for fuel, utilities, supplies and services.

The balance of \$8.5 million would cover tier critical program needs and strategic planning initiatives.

- \$3 million for biotechnology engineering and materials science.
- \$1 million for University Libraries.
- \$1 million for minority programs and student aid.
- \$1 million for mandatory environmental health and safety compliance.

(Continued on page 3)

Trustee Presidential Selection Committee appointed

Eleven Trustees of the University have been named to a Trustee Presidential Selection Committee, following the announcement by President Jordan that he will retire in 1990.

The appointments were made by Board President J. Lloyd Huck of New Vernon, N.J. Mr. Huck will serve as chairman of the committee.

Other committee members are **H. Jesse Anelle** of San Francisco, Calif.; **Walter J. Conti** of Doylestown; **Marian**

U. Coppersmith of State College; **Bernard Hankin** of Exton; **Edward P. Junker** of Erie; **William A. Schreyer** of New York; **Obie Snider** of Imile;

Cecile M. Springer of Pittsburgh; **Quentin E. Wood** of Oil City, and **Edward P. Zempelli** of Clarion.

The eleven are current officers of the Board, the three past presidents of the Board, the chairpersons of the three standing committees, finance, educational policy and physical plant,

the chairpersons of the two special committees. The Milton S. Hershey Medical Center Advisory Committee, the University Committee on Affirmative Action, and the chairman of The Campaign for Penn State.

Dr. Jordan, Penn State's 14th president, told the Trustees at their Sept. 15 meeting that he will retire as president, effective August 31, 1990.

At the meeting, the Board authorized establishment of the Trustee Presidential

Selection Committee to serve until the new University president assumes office.

The committee, the Board determined, will "develop and implement the necessary criteria and procedures to ensure breadth, equal opportunity, timeliness, confidentiality and appropriate University community involvement in the search process."

Ultimately, the committee will recommend a final candidate for the University presidency to the full Board

University search and screen committee being established

A University Presidential Search and Screen Committee is being established to help in the search for a successor to President Jordan.

J. Lloyd Huck, chairman of the Trustee Presidential Selection Committee and president of the Board of Trustees, will contact groups within the University community and ask them to nominate Search and Screen Committee members.

Mr. Huck asked that names of nominees be submitted to him by Oct

13. From those nominees, the Trustee Presidential Selection Committee will appoint the 15 members of the University Presidential Search and Screen Committee.

The Search and Screen Committee will be composed of:

- Eight faculty members. Four will be officers of the University Faculty Senate who will then submit to the Trustee Presidential Selection Committee names of eight additional faculty nominees.
- Four will be from the University Park

Campus, two from other campuses and two from the Graduate Council.

From this list of nominees, the Trustee Presidential Selection Committee will name two faculty members from University Park, one from another campus and one from the Graduate Council.

- Two deans. One will be the chairperson of the Council of Academic Deans. In addition, the council will nominate two deans from which the Trustee Presidential Selection Committee

will select one.

- One member of the President's executive staff. To be selected from two individuals nominated by the executive staff.

- One campus executive officer. To be selected from two nominated by the officers.

- Two students. One undergraduate and one graduate. The Undergraduate Student Government and the Graduate Student Association will nominate two.

(Continued on page 3)

Capital budget request for 1990-91 will be submitted

The Board of Trustees has approved a 1990-91 capital budget request totaling \$196,660,000 for physical plant improvement projects.

Seventeen proposed construction projects account for \$176,982,000 of the request, and \$19,678,000 is earmarked for original equipment for previously approved construction projects.

The University will submit its 1990-91 request to the Pennsylvania Legislature and appropriate departments and offices of the Commonwealth.

President Jordan said the facilities and renovations were needed to meet the growing crisis of space limitations, upgrade facilities and provide for the future.

New construction includes 11 projects at University Park, one at Penn State Harrisburg, one at the Pennsylvania College of Technology in Williamsport and projects

at four Commonwealth Campuses.

Among the projects:

- Facilities for central energy production and waste disposal and recycling.
- University Park. \$65 million.

- Chemistry building at University Park. \$21.4 million. A single structure is essential to the bio-organic research programs currently conducted by the chemistry faculty, now housed in Davey and Chandler Laboratories.

- A new Paul Robeson Cultural Center at University Park. \$4 million. The center has a pressing need for more space to accommodate more educational and social programs and to provide a positive environment for students of color.

- An administration building at University Park. \$8 million. Current space limitations have forced the leasing of off-campus space for major administrative

support services, such as accounting, payroll and human resources. These services would be housed in the proposed building.

- A library and classroom building at Penn State Harrisburg. \$15 million. With more than 3,000 students, the campus needs more instruction space and library space than available in the original building to serve the Harrisburg-Lancaster York region.

- A campus center at Pennsylvania College of Technology, Williamsport. \$12 million. A central facility is needed to support student services and space to support activities in the performing arts.

- Other projects:
 - Renovation of Conklin Hall, Westling Building and General Studies Building at Mont Alto Campus. \$6.1 million.
 - Renovation of Research Buildings A, B and C at University Park. \$3.132 million.

- Renovation of Weaver and Patterson buildings at University Park. \$5 million.
- Academic building at Berks Campus. \$3.8 million.

- Renovation of and addition to the Music Building at University Park. \$6.1 million.

- Renovation of Sharon Hall and Sharon Hall Annex at Shenango Campus. \$5.9 million.

- Renovation of Sparks Building at University Park. \$4.5 million.

- Phase II of a Central Control System at University Park. \$5 million.

- Addition to Mitchell Building, University Park. \$4.2 million.

- Classroom Building at Hazleton Campus. \$2.6 million.

- Renovation of Berland Laboratory and Henning Building, University Park (\$5.25 million).

Focus on Diversity

Record number of Black/African American students got degrees

The number of Black African American students earning degrees at Penn State in 1988-89 increased 33 percent over the previous year. Trustees have been told.

A record number of 340 Black/African American students earned degrees at all levels last year. William C. Richardson, executive vice president and provost of the University said. They represent one-third more students than the 250 Black African Americans who graduated in 1987-88.

Of the 340 graduates, 14 received doctoral degrees; one earned a medical degree; 46 received master's degrees; 250 received bachelor's degrees; and 23 received associate degrees. Dr. Richardson said.

"We're pleased to see this progress, which adds momentum to Penn State's agenda for increasing cultural diversity, promoting social justice, and thus strengthening our nation," he added.

"We temper our pleasure, however, by realizing that these numbers are not nearly as high as we want them to be. Much work remains to be done in terms of getting more Black African American elementary and middle school students into the college-bound pipeline and in making sure that after they arrive on campus, they find the resources and environment conducive to their success."

Black/African American graduates of Penn State have been increasing since 1982-83, when 165 received degrees. In 1983-84, 166 graduated; in 1984-85, 168; in 1985-86, 229; and in 1986-87, 251.

Hispanic students also made appreciable gains last year. Dr. Richardson said. In

1988-89, 96 Hispanics graduated, an 18.5 percent increase over the 81 who graduated the previous year.

Of the 96 Hispanic graduates, 14 received doctoral degrees; 28 received master's degrees; 48 received bachelor's degrees; and six received associate degrees.

In addition, 20 American Indians received degrees at Penn State in 1988-89, compared with 19 the year previous. Of the 20, one received a doctoral degree; one a medical degree; seven received master's degrees; and 11 received bachelor's degrees.

The number of Asian or Pacific Islanders receiving degrees declined slightly in 1988-89, from 178 to 172. Of these graduates, four received doctoral degrees; five received medical degrees; 31 received master's degrees; 122 received bachelor's degrees; and 10 received associate degrees.

In all, Penn State awarded 11,270 degrees at all levels in 1988-89, an increase of 3.1 percent over the 10,935 awarded in 1987-88.

Diversity calendar

Thursday, Sept. 28

A discussion titled "Racism: Let's Keep Talking" will be held 8 p.m. at the Paul Robeson Cultural Center. The discussion is open to anyone and is sponsored by Project Growth, a new student programming group formed to provide opportunities for students to increase their awareness and cultural sensitivity.

Photo: Dave Shulz



At its first meeting of the academic year on Sept. 7, the Commission for Women introduced its new members. Shown seated, from left, are Robyn Garner, program specialist, Independent Learning; Corinne A. Caldwell, campus executive officer, Penn State Mont Alto Campus; Lisa M. Wincko, undergraduate student; Ellen L. Perry, associate athletic director, Intercollegiate Athletics. Standing, from left, are Danielle Richards, counseling assistant, Penn State Schuylkill Campus; Lynn Carbon Gorell, curriculum supervisor, Department of Spanish, Italian and Portuguese; Nancy J. Taylor, department secretary, Applied Research Laboratory; Teresa F. Shirk, lab assistant, Department of Plant Pathology; Tammy Foust, undergraduate student; Donna J. Schroyer, special events coordinator and secretary, College of Engineering. Not shown are Grace Hampton, vice provost, and Nivea Lisandra Torres, undergraduate student. The commission, created in 1981, serves as an advisory group to the president on matters affecting women of the University, as well as a forum for the exchange of ideas within the University community. Members are appointed by the president.

Carpoolers

Dwayne is looking for riders to join his vanpool from Houtzdale to University Park. Work hours are 8 a.m. to 5 p.m. Call 378-5391 or 805-4651.

Carpool is looking for a fourth driver from Philipsburg to University Park. Work hours are 8 a.m. to 5 p.m. Call 865-1965.

Wanda is looking for riders for a carpool to join a carpool from Philipsburg to University Park. She works from 8 a.m. to 4:30 p.m. and can be reached at 865-1517 or 345-0527 (after 6 p.m.).

Shirley is looking for an additional person to join her carpool from Philipsburg to University Park. Work hours are from 8 a.m. to 5 p.m. Call 865-7667 or 345-5737.

The Campaign for Penn State

National Cable Television Center and Museum gets gift

Cable television pioneers George J. Barco and his daughter Yolanda, have each given \$50,000 to the National Cable Television Center and Museum at University Park.

George Barco is founder and former president of Meadville Master Antenna

Inc. for many years after its organization in 1953 one of the nation's largest community antenna systems. He is a co-organizer of the museum and headed its committee for financial support.

Yolanda C. Barco, executive vice president of Meadville Master Antenna until its sale in 1986, is a partner with her father in the Meadville law firm of Barco and Barco. She is a member of the museum's board of directors.

As former president and longtime board member of the National Cable Television Association, George Barco played a role in carrying the copyright liability issue to the U.S. Supreme Court in the 1970s. The court's ruling that cable operators were not liable for copyright payments paved the way for significant expansion of the industry.

Yolanda Barco participated with her father in initiating another landmark court case that overturned federal excise taxes on cable television income. The suit resulted in

refunding \$25 million to cable television subscribers.

The cable museum is located in temporary quarters in Sparks Building. Its collection of documents, technology and programming will be available to students who are preparing for careers in cable television and will be used in training programs for the continuing education of industry personnel.

Cable industry groups began planning the museum in 1985. They launched a successful \$2 million fund drive to build and support the facility and endow a faculty chair in cable communications at Penn State.

"Penn State is an appropriate location to establish the museum because Philadelphia is the state in which many of the early technical developments in cable television occurred," George Barco noted, "and Penn State has been a leader in the use of cable television in continuing education, classroom instruction and research."

The Barcos helped organize the Pennsylvania Education Communications Systems, the group of cable companies that interconnected their systems by microwave to carry PENNARAMA, a statewide cable television network that carries a 24-hour schedule of adult education courses offered by various colleges and universities. George Barco is a former president of the group, and Yolanda Barco is chief executive officer.

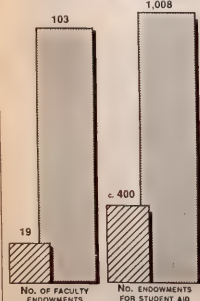
In the 1960s, George Barco led in organizing and raising funds for public television station WQLN, Channel 54, in Erie and was president of the station's licensee company.

Yolanda Barco helped found the Pennsylvania Cable Television Association and in 1963 was elected its president, thus becoming the first woman to head a state or regional cable television industry association. In 1967, she became the first woman elected to the board of the National Cable Television Association.

Making the Grade

The Campaign for Penn State

1984 1989



The Campaign has effectively focused attention on the University's greatest academic needs. donors, more aware that endowments are crucial to retaining and recruiting the best and brightest faculty and students, have more than tripled funding for these programs since 1984.

Market value of Associated Trust quadruples

The market value of Penn State's Associated Trust, an investment pool that accounts for 90 percent of the University's endowment, has more than quadrupled over the last five years.

The Associated Trust was valued at \$153.6 million as of June 30, compared with \$37.6 million on June 30, 1984, according to a report by David E. Branigan, assistant treasurer.

Private giving has accounted for more than a third of the endowment's growth since The Campaign for Penn State began

on July 1, 1984. Campaign gifts and pledges totaled \$282.5 million as of Aug. 31, but not all of these commitments have been directed toward endowed programs.

The University invests endowed funds and uses a portion of the income to support academic programs.

Of endowed principal in 1988-89, 32 percent supported nearly 1,000 scholarships and similar forms of student aid. About 21 percent was designated for faculty support, much of it in the form of support to endowed chairs, professorships and

fellowships. Penn State currently has more than 100 of these positions.

About 26 percent of the endowment was devoted to the University's Milton S. Hershey Medical Center. The remaining 21 percent benefited a variety of other academic programs, including research and the acquisition of library materials and laboratory equipment.

Mr. Branigan attributed the increase in the endowment's value to strong investment performance and to The Campaign for Penn State.

To Penn State Erie Alumni Fellow will make visit

Robert M. Mehalso, executive vice president and general manager of AMTX Inc., will visit Penn State Erie. The Behrend College, Sept. 27 and 28 as the College's 1989 Alumni Fellow. Dr. Mehalso will share his knowledge in business with students and faculty during his visit.

He graduated from Penn State with a bachelor of science degree in ceramic science in 1964, attending Penn State Behrend before enrolling at University Park. He also holds a master of science degree in materials science and a Ph.D. in material engineering from Rensselaer Polytechnic Institute.

Formerly a high-level manager of Xerox Corp.'s Advanced Microtechnology Division, Dr. Mehalso is widely respected for his pioneering and innovative approaches in the development and implementation of microfabrication and microassembly processes to manufacture small precision parts and assemblies. His work on the development of manufacturing processes for the optical storage disc and Computer Aided Design and Computer Aided Manufacturing (CAD/CAM) integrated with materials and processes have led to a new microtechnology concept in manufacturing.

He also has served on the faculty of the



Robert M. Mehalso

Materials Science Department at Rensselaer Polytechnic Institute. He holds five patents, with seven disclosures pending, for microtechnology processes.

In 1988, he established AMTX Inc., which specializes in microfabrication and microassembly for the office equipment, automotive, medical and military markets.

Acacia Little 500 scheduled for Oct. 1

The fourth annual Acacia Little 500 cycling event will take place from 8 to 11 a.m. Sunday, Oct. 1.

Sponsored by the Acacia fraternity, the race will be conducted for the first time on a route that winds through University Park Campus and downtown State College.

The U.S. Cycling Federation-sanctioned event includes races in four categories: citizens, women, juniors and USCF-men. The event benefits the American Cancer Society.

During the race, several roads and

parking lots will be closed. They include College Avenue, from Burrows to Shortridge roads, as well as University parking lots Green E, Yellow B and H and Brown A, D, G, F, J and H.

The event is open to all interested cyclists. Registration forms are available from Acacia, 234 Locust Lane, and from State College bicycle shops. T-shirts are available at Acacia for \$10. For more information, call Brad Siler at (814) 241-8570.

Search committee

(Continued from page 1)

undergraduate and two graduate students. The Trustee Presidential Selection Committee will select one undergraduate and one graduate student

-- One alumnus, the president of the Alumni Association.

Among committee's duties will be

-- To work with the executive secretary of the Trustee Presidential Selection Committee, Carol Herrmann, vice president for administration, in announcement of the position.

-- To screen, review and evaluate all applications and nominations on the

basis of the information received from the candidate or from the nominator.

After the closing of the nominations, the committee shall then prepare unranked, for the Trustee Presidential Selection Committee a list of five to 10 individuals deemed to be most qualified from those nominated or who applied. That list will be submitted by March 1, 1990.

-- To provide additional information when it is requested by the Trustee Presidential Selection Committee, as it begins its analysis of those identified and recommended by the Search and Screen Committee.

Partings

Samson T. Jacob, professor at Hershey, from Sept. 1, 1972, until June 16. **Paul Putter**, assistant professor at Ogonitz Campus, from Sept. 1, 1974, until June 30. **Richard E. Keebler**, instructor, Engineering, from Sept. 1, 1977, until July 1.

Douglas Maddox, associate professor, Arts and Architecture, from Sept. 18, 1972, until July 1. **Henry P. Sims**, professor, Business Administration, from Sept. 1, 1979, until July 1. **John R. Zink**, research assistant, Science, from Nov. 1, 1976, until July 1. **Carl Fornicola**, supervisor, stock control, Bookstore, from Jan. 15, 1973, until Aug. 1.

United Way receives designation

United Way has again been designated as the one major voluntary community charitable fund-raising agency at University campuses.

As outlined in the official University Policy (AD-6), the president annually authorizes one major voluntary fund-raising effort for which contributions may be made through direct giving or payroll deduction. This authorization also includes the use of University mail for information.

President Jordan, in making the announcement, said: "It is fitting that we

chose United Way, as its organizations support agencies that fit the needs of the communities. With campuses located in 22 different locations, we know that United Way agencies help our employees, their families and friends."

United Way campaigns are traditionally conducted each fall. University campaigns are conducted in cooperation with local agencies, and times that campaigns are conducted in various offices may vary. Local United Way offices or campus chairpersons can offer information on specific agencies

funded.

Employees at all locations choosing payroll deduction for making contributions should be aware that since January 1989, provisions were made for continuous deductions. Previously United Way deductions were for one year. To change deductions in the future, employees will need to complete a new United Way deduction card available from campus coordinators, from personnel representatives at University Park and from the Payroll Office at University Park.

Obituaries

Edward A. Sulkowski, retired assistant professor of physical education and boxing coach, died Sept. 3. He was 69.

Mr. Sulkowski received bachelor's and master's degrees from Penn State and in 1949 joined the Athletic Department as football trainer, assistant boxing coach and an instructor in physical education.

In 1950, he was appointed head boxing coach. He also became the wrestling coach in 1954. He taught a full roster of physical education courses and assisted with many sports at Penn State. He retired July 1, 1983.

Mr. Sulkowski was a trainer for the United States Olympic Boxing Team for the Munich games in 1972, and the Montreal games in 1976. While in that

position, he helped in the development of such boxers as Sugar Ray Leonard, Leon Spinks and Michael Spinks.

He taught boxing clinics in Tokyo and Korea, and training clinics in Germany, and he held top positions in the National Collegiate of National Boxing Coaches Association. In 1974, he was elected to the Trainers' Hall of Fame.

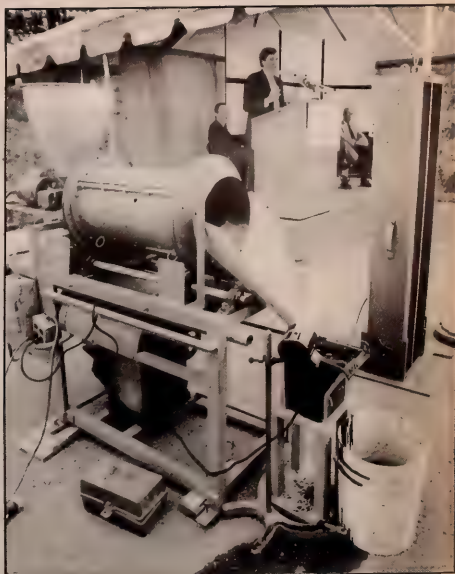
Chester J. Kalwarski, group leader-maintenance worker, New Kensington Campus, from Feb. 1, 1970, until his retirement March 1, 1981, died Sept. 3 at the age of 70.

institutional budgets nationwide."

Despite annual tuition increases, Penn State's income base per student today is 2.1 percent less than it was 20 years ago.

Pennsylvania ranked 47th among the 50 states in 1986 with regard to appropriations per full-time-equivalent student for public higher education.

"The University continues to receive the lowest appropriation per FTE student of all of Pennsylvania's public universities," Dr. Jordan added. "While the state's new and refreshing commitment to public higher education funding provides hope for Penn State, the serious underfunding still faced by this University remains the context within which all budget decisions must be considered."



Lt. Gov. Mark Singel spoke at the Sept. 15 dedication of a coal boiler site at University Park. The Combustion Laboratory has received \$1.54 million from the U.S. Department of Energy to study superclean coal-water slurry fuels. (Photo: Scott Johnson)

Appropriation

(Continued from page 1)

-- \$2.5 million for medical and basic sciences.

The general funds plan increase is precipitated by several factors, all related to the Higher Education Price Index, which continues to rise at a faster rate than general consumer prices.

"Nationally, colleges and universities continue to face rapidly escalating costs," Dr. Jordan noted. "The sharply rising costs of health care insurance, increased competition for outstanding faculty members, the cost of maintaining aging physical plants, and expensive and rapidly changing technology are some of the factors placing great demands on

Focus on the arts

Archaeology lecture

Wendy Ashmore professor of anthropology at Rutgers University, will present a lecture on "Sacred Ancient Maya Geography: The Copan North Group" at 7:30 p.m. Thursday, Sept. 21, in the Penn State Room at the Nittany Lion Inn.

The lecture is sponsored by the Penn State chapter of the Archaeological Institute of America, the Department of Anthropology, the Institute for the Arts and Humanistic Studies and the colleges of Arts and Architecture and the Liberal Arts.

The lecture is open to the public however space is limited; reservations are requested. Call 863-4174.

Featured author

The Penn State Bookstore on campus will feature alumnus Col. David Pergrin, '40, from noon to 2 p.m. Friday, Sept. 22, who will sign and discuss his new book *In a Dress in Rhine* (Macmillan, 1989).

The historical work, written with Eric Hammel, is his personal account of the 29th Combat Engineer Battalion Col. Pergrin commanded the unit which literally paved the way from Normandy to the Rhine. His battalion endured its baptism by fire in the Normandy breakout in the summer of 1944, played an important role in the Battle of the Bulge, and in March 1945 opened the way for the climactic drive into Germany by building the first Allied bridge across the Rhine.

Col. Pergrin has been very active in fund-raising drives for Penn State scholarships; he has served as a consultant for NATO and is a master wood-carver and has written several books on woodcarving techniques.

The public is invited to attend the book-signing. A 20-percent discount will be offered during the authors' visit to the bookstore.

The Arts on Channel 3

Frida Kahlo: *Portrait of an Artist*, airing at 2 p.m. Saturday, Sept. 23, explores the art, life and times of Mexican painter Frida Kahlo (1907-1954) who led a life as dramatic and haunting as the images she created. Overshadowed during her lifetime by her husband, Mexico's great muralist Diego Rivera, Ms. Kahlo now is recognized as one of the foremost women painters of the century.

A tribute to the songwriter friends of Fred Waring, including Dick Whitting, Gus Kahn, George Gershwin and Jerome Kern, is featured on *9th Waring: America* airing at 9 p.m. Saturday.

"W. Eugene Smith: Photography Made Difficult" airs at 10 p.m. Monday, Sept. 25, on *American Masters*. W. Eugene Smith stands in the tradition of great photographers who brilliantly covered the social conditions of his day and whose work, some say, served as a catalyst for social change. Art critic Peter Riegler plays Smith in this dramatized documentary.

Nova Consort

The Nova Consort will open the historical musical instruments concert series at 2:10 p.m. Sunday, Sept. 24, at the Palmer Museum of Art at University Park.

The program will feature songs popular during the Elizabethan era and contrast the songs of the courtly tradition against the more common folk tunes of the time.

The Nova Consort, a group based in State College, includes Toby Carlson, who plays the recorder and viola da gamba, Dorothy Hess, who plays the harpsichord and Barbara Hess, who serves as vocalist.

Chopin program

Carl Blake, pianist and faculty member in the School of Music, will present his first faculty recital at 4 p.m. Sunday, Sept. 24, in the Recital Hall of the Music Building at University Park.

His all Chopin program will feature "The

Four Ballades" No. 1 in g minor, Op. 23, No. 2 in F Major, Op. 28; No. 3 in A flat Major, Op. 47; and No. 4 in f minor, Op. 52.

Dr. Blake, who made his debut at the Carnegie Recital Hall in 1986, came to Penn State last July as assistant dean for recruitment and retention in the College of Arts and Architecture. He also is an assistant professor of music.

Prior to joining the dean's staff he was a faculty member of the Music and Arts Institute in San Francisco and taught piano privately.

Rock concert

The British band Love and Rockets will appear in concert, with the Pixies, at 8 p.m. Sunday, Sept. 24, at Recreation Building, University Park.

The event is sponsored by the University Concert Committee.

The group Love and Rockets includes guitarist/vocalist Daniel Ash, bassist/vocalist David J. and drummer Kevin Haskins. Its first performance was in 1985. Since then, the group has released four albums: "Seven Dream of Teen-age Heaven," "Express," "Earth/Sun/Moon" and "Love and Rockets."

Members of the Pixies are Black Francis, vocalist/guitarist; Kim Deal, bassist/vocalist; Joey Santiago, lead guitarist; and David Lovering, drummer. They have been performing together for two and a half years, and their latest album, "Doolittle," was released this year.

Tickets, which are \$14, can be ordered by credit card from 9 a.m. to 4 p.m. at (814) 863-0255, or purchased at the South Box Office at Eisenhower Auditorium, University Park Campus, weekdays through Sept. 22.

Tickets also can be purchased the day of the show at Recreation Building box office. For mail orders, send checks to Ticket Center, Center for the Performing Arts, 102 Eisenhower Auditorium, University Park, Pa. 16802.

Odyssey on WPSU

Novelist Brett Singer is "afflicted with simultaneity," says S. Leonard Rubinstein, professor emeritus of English, on this week's "Odyssey Through Literature" program.

Ms. Singer, who has taught in the departments of English and Comparative Literature, is the author of *The Pelting Zoo*

and *Footstool in Heaven*. She is the granddaughter of I.J. Singer and grandniece of Isaac Bashevis Singer.

Why does she write? Rubinstein asks.

"I'm doing it in my mind even when I'm not sitting down and doing it," Ms. Singer responds. "I always wrote from the time I was 3 or 4." Her father, a painter and the translator of both I.J. and I.B. Singer, always said, "Talent skips a generation."

"Odyssey Through Literature" is produced by the Comparative Literature Department and airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Organ recital

June Miller, organist and associate professor in the School of Music, will present a recital featuring compositions by German Dutch and French composers at 8 p.m. Monday, Sept. 25, in the Recital Hall of the Music Building at University Park.

Pennsylvania Quintet

The Pennsylvania Quintet, Penn State's wind faculty chamber ensemble, will present its only fall 1989 concert at 8 p.m. Wednesday, Sept. 27, in the Recital Hall of the Music Building at University Park. Pianist Cecilia Dunoyer will join the Quintet in its performance.

The program will include the Partita for Wind Quintet (1948) by the American composer Irving Fine and Skizzen - Suite after drawings by Heinrich Kley by Jan Bach. Ms. Dunoyer will join the Quintet for performances of Francis Poulenc's Sextour and the Divertissement, Op. 6 by Albert Roussel.

Ms. Dunoyer has concertized extensively in her native Europe, the East Coast, the Midwest and Mexico. The Pennsylvania Quintet is composed of faculty members Eleanor Duncan Armstrong, flute; Barry Kroecker, oboe; Smith Toulson, clarinet; Lisa J. Bontrager, horn; and Daryl Durran, bassoon.

Saxophone quartet

The Penn State Saxophone Quartet will perform in concert at 12:10 p.m. Thursday, Sept. 28, in Eisenhower Chapel at University Park. The 20-minute concert is part of the fall Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The program will include selections by

J.S. Bach and Lenny Niehaus. The group consists of four undergraduate music majors from the studio of Dan Yoder, who teaches saxophone and directs the jazz program in the School of Music.

Sylvan Trio

The Sylvan Trio will begin its second concert season at 8 p.m. Friday, Sept. 29, with a performance in the Recital Hall of the Music Building at University Park.

The program will feature three major works from the chamber music repertoire: Haydn's Trio in C Major, H.XV:21; Clara Schumann's Trio in g minor, Op. 17; and Antonin Dvorak's Trio in e minor, Op. 90, "Dumky."

Members of the Sylvan Trio, a local group formed in 1988, are Koya Ohmoto, Lois Durran and Claudia Koide.

Performance artist

Deborah Hay, choreographer and performance artist, will present "The Man Who Grew Common in Wisdom: The Navigator, The Gardener, The Airtour" at 8 p.m. Friday, Sept. 29, in Schwab Auditorium at University Park.

Ms. Hay is the first of eight internationally known artists and critics to visit Penn State for the Visiting Artist Seminar course, a new program initiated by James Stephenson, director of the School of Visual Arts. Her performance is a trilogy begun in 1986 with avant-garde composer Ellen Fullman, which continues to evolve.

Ms. Hay's "unique approach to movement through the art of perception" has received international acclaim. In the 1960s, she was part of the avant-garde movement that helped found the experimental Judson Church Theatre in New York City. In the '70s, she began her own company, collaborating with a mixture of visual artists, composers and musicians. In the last five years she has devoted her attention to the art of solo performance.

"The Man Who Grew Common in Wisdom" was funded by the National Endowment for the Arts and Friends of the Deborah Hay Dance Company.

'Swan Lake'

Ballet West brings the classic "Swan-Lake" to Eisenhower Auditorium at University Park at 2 and 8 p.m. Saturday, Sept. 30.

Set to the sensual sounds of Tchaikovsky and the masterful choreography of Ivanov and Peplia, "Swan Lake" is the story of a lovely princess transformed into a swan by an evil sorcerer whose spell can only be broken by true love.

Based in Salt Lake City, the 43-member Ballet West dance company reaches more than 200,000 people annually through its national tour.

Tickets are available at the Eisenhower Auditorium Ticket Center and Playhouse Box Office.

Art school

The Saturday Morning Art School, conducted by the Art Education Program, is offering a selection of courses from 9 to 11 a.m. Saturdays from Sept. 30 through Dec. 12.

Registration is on a first-come-first-serve basis. A brochure, including class listings and a registration form, is available from the Art Education office, 270 Chambers Building, University Park, phone 865-5601.

Courses are designed for students ages 5 to 19. Art classes offered include drawing and painting, clay sculpture and ceramics, creative arts for young children and art skills for intermediates.

Each course includes studio hands-on experience, art exhibition experiences, sessions with professional artists on campus, classes with current media and art materials and viewing/criticism experience at the Palmer Museum of Art at University Park.

The classes are taught by senior art

(Continued on page 5)



Deborah Hay, choreographer and performance artist, will present "The Man Who Grew Common in Wisdom: The Navigator, The Gardener, The Airtour" at 8 p.m. Sept. 29 in Schwab Auditorium.

University Park Calendar

For information about Penn State arts and calendar events and the weather, call 863-1234 and follow the directions given in the recorded message.

September 21— October 1 Special Events

Thursday, September 21

Bach's Lunch Concert. 12:10-12:30 p.m.
Eisenhower Chapel Janet Laws and Renee Schapf, sopranos.

Brown Bag Lunch/Lecture. 12:10-12:50 p.m.
Palmer Museum of Art Readings of student works from the inaugural issue of *Penn State Journal of Contemporary Art Criticism*.

Central Pa. Society of the American Institute of Archaeology. 7:30 p.m. Penn State Room
Natalyn Loo (on Wendy Ashmore State Univ. of N.J., on "Sacred Ancient Maya Geography (Copan, Honduras)."

Six Feminist Scholars Lecture Series. 8 p.m. 105 HUB Sharon Traawek, Rice Univ., on "Women Scientists in East Asia."

Friday, September 22

Geog. Coffee Hour. 4 p.m. 310 Walker Susan Cutter on "The Geography of Airborne Toxic Releases." Refreshments 3:30 p.m.

School of Music. 8 p.m. Recital Hall. Andreas Kropfer, flute.

Saturday, September 23

Shaver's Creek. 7:40-10 a.m. Bird Breakfast. Call 863-2000.

School of Music. 8 p.m. Recital Hall. Lna J. Bonitrager, horn, faculty recital.

Sunday, September 24

Shaver's Creek. 2-4 p.m. Spring Creek Walk. Call 863-2000.

Friends of the Palmer Museum of Art. 2:30 p.m. Palmer Museum of Art. The New Concert
Toby Carlson, Barbara Hess, Carrie Crompton, Dorothy Fraser.

School of Music. 4 p.m. Recital Hall. Carl Blake piano, faculty recital.

Carnegie Hall Film Series. 7 p.m., 4 Carnegie.
Venus, Florida (1981). 8:15 p.m. *My Little Girl* (1980). Free.

Monday, September 25

Comp. Lit. Luncheon. 12:15 p.m. 101 Kern.
Nancy Tischler on "Tennessee Williams' Portrait of the Artist as an Old Man."

Shaver's Creek. 1:30-3 p.m. Extra Jr. Nature Explorers. Call 863-2000. Also Sept. 27 and 29.

School of Music. 8 p.m. Recital Hall. June Miller, organ.

Wednesday, September 27

Graduate Faculty meeting. 4 p.m. 112 Kern.
School of Music. 8 p.m. Recital Hall. The Pennsylvania Quintet.

Thursday, September 28

Bach's Lunch Concert. 12:10-12:30 p.m.
Eisenhower Chapel. Penn State Saxophone Quartet.

Social History Colloquium. 3:45 p.m., Rare Books Reading Room, Patton Library. Kathy Penn, Univ. of Mass., on "Placing Women in the Social History of Leisure." Refreshments 3:15 p.m.

Spanish/Italian. Portuguese Lectures. 8 p.m. 101 Kern. Frank W. Medley Jr., Univ. of South



The University Concert Committee will present *Love and Rockets*, with the Pixies, at 8 p.m. Sept. 24 in Rec Hall.

Carolina, on "Language, Literature and the Myth of Sisyphus: Making Mole Hills Out of Mountains."

School of Music. 8 p.m. Recital Hall. Trombone Choir and Tuba/Euphonium Ensemble.

Friday, September 29

Geog. Coffee Hour. 4 p.m. 310 Walker. Richard Alley on "Summer in Greenland and 10 Below: What It's Like and Why We Put Up With It." Refreshments 3:30 p.m.

Classical Rhetoric Lecture Series. 4:30 p.m. 200 Chambers. Michael C. Leff, Northwestern Univ., on "Classical Concepts of Decorum and Contemporary Criticism."

School of Music. 8 p.m. Recital Hall. Sylvan Trio. Koya Ohmoto, piano; Lois Durran, violin; Claudia Koidé, cello.

School of Visual Arts. 8 p.m. Schwab Aud. *The Man Who Cries: Common in Wisconsin* (dance performance).

Saturday, September 30

Shaver's Creek. 9 a.m.-4 p.m. Zipping Your Way to New Self-Awareness! Call 863-2000.

Center for the Performing Arts. 2 and 8 p.m. Eisenhower Aud. "Swan Lake" from Ballet West.

Sunday, October 1

Penn State Tennis Center opens for the season. Hours are 8 a.m.-9 p.m. Call 865-1381 for court reservations.

Shaver's Creek. 1-4 p.m. View from the Grandview (Neogeography Can Be Fun). Call 863-2000.

Gallery Talk. 2:30 p.m., Palmer Museum of Art. Hugh T. Manchester on "Belle Font."

Carnegie Hall Film Series. 7 p.m., 4 Carnegie.

Two L. Menon Did Mendle All The Best Art Called Paris/Lit. Motion: Iran. 8:30 p.m., Utopia (1953). Free.

Public Radio

WPSU-FM 91.1

"All Things Considered." Monday-Friday. 5:30-6:30 p.m.; Saturday and Sunday. 5-6 p.m. Morning

Edition. Monday-Friday. 6-8 a.m. Weekend Edition. Saturday and Sunday. 11 a.m. 1 p.m. "Odyssey Through Literature." 12-30 p.m. Wednesdays, hosted by S. Leonard Ralston. "Creative License." 12-30 p.m. Thursdays, hosted by Cherie S. Lewis.

Conferences

Continuing Education

Keller Building

Sept. 25-27. Advanced HEC-2 Flood Plain Hydraulics. Arthur C. Miller, professor of civil engineering, chair.

Sept. 25-27. Fundamentals of Water Environment Control in Coal Mining. Harold Lovell, professor emeritus of mineral engineering, director.

Sept. 26-27. Pennsylvania Bar Institutes. Jerri

Malcom in charge.

Sept. 26-28. Maintenance of Commercial Vehicles Phase A. Eric Loop, coordinator.

Sept. 27. The Systematic Training for Effective Parenting. Joseph French, professor of special education and educational psychology, chair.

Sept. 27-29. Graduate Accounting Conference. Robert E. Malcom, professor of accounting and management information systems, chair.

Oct. 1. Polymer Symposium. Bernard Gordon III, associate professor of polymer science, chair.

Executive Programs

Oct. 8-13. Executive Management Program #70. Week II. Academic Program Director: Dr. Peter D. Bennett, associate dean and professor of marketing.

Oct. 8-20. Engineer/Scientist as Manager Program. Academic Program Director: Dr. Paul H. Rigby, associate dean for research, director.

Division of Research: and professor of business administration.

Seminars

Thursday, September 21

Ecology. 3:45 p.m. 111 Wartz. Dr. Margaret Brittingham on "Effects of Supplemental Feeding on the Ecology of the Black-Capped Chickadee."

Alan R. Wareham Seminar in Agribusiness Education. 3:45 p.m. 101 Kern. Gary T. Kneely, Hanover Brands Inc., on "Government Regulation of the Food Processing Industry in the 1980s." Refreshments served.

Tuesday, September 26

Gerontology Center Colloquium. noon 1 p.m. 101 Health and Human Dev. East. Robert C. Intrieri on "Improving Medical Students' Attitudes: Knowledge and Behavior Toward Older Adult Patients."

CANIP. 4 p.m. 310 Dacey. H.I. Kruezer, Dalhousie Univ., Canada.

Thursday, September 28

Physics Colloquium. 3:30 p.m. 55 Osmond Lab. Tom Wyler, Vanderbilt, on "A Brief History of the Significance of The Vacuum."

Ecology. 4 p.m. 111 Wartz. Timothy Kimmel on "Conservation of Northern Lashawaks in Pennsylvania."

Exhibits

Chambers Gallery

School of Visual Arts. Prints and Medallies. through Oct. 15.

HUB Galleries

Art Alley Cases:

Clay in Process by the SC ASD Community Education pottery class. through Sept. 29. Items from the Pasto Agricultural Museum. Oct. 1-Nov. 3.

Selected Memorabilia from the Vietnam War. Oct. 1-Nov. 3.

Art Alley Panels:

Ink Meets Paper by Craig Anczowlitz with Nigel. through Sept. 29. Kathleen Fox Ragogna. Elective. Oct. 1-Nov. 3.

Browsing Gallery:

MicroSoc. The Hidden Art of High Technology, sponsored by A&T, through Nov. 8.

Formal Gallery:

People, Places. Patterns by Heinz K. Hensch. through Sept. 22. Vietnam Veterans Memorial: A National Economy. Sept. 30-Oct. 29.

Kern Galleries

Dense Arrow. through Sept. 29.

Palmer Museum of Art

Turn-of-the-Century European Posters from the Museum's Collection. through Nov. 5. Bellefleur Collectors. through Oct. 22.

Pattee Library

East Coast Gallery. Brook Stephen Carpenter II, "Works in Clay," through Sept. 22.

Lending Services:

Kevin Slick, paintings, through Oct. 20.

Zoller Gallery

Neopunkedie Invitational Exhibit. through Sept. 30.

Focus on the arts

(Continued from page 4)

education majors prior to their regular teaching requirements in the public school system.

The program is sponsored by the School of Visual Arts of the College of Arts and Architecture and is directed by Robert William Ott, professor of art education.

Jazz performance

Two unique jazz performers. Liz Story and the group Montreux, will present a concert at 8 p.m. Wednesday, Oct. 4, in Eisenhower Auditorium at University Park.

Both Liz Story and Montreux have two distinct styles. Some have described them as improvisation and New Age. For half of the evening, Ms. Story, a jazz-classical pianist, who was a 1987 Grammy nominee, will share her own compositions with an eclectic mix of improvisations.

The other half is Montreux, an acoustic jazz group. The group plays a variety of instruments, including electric bass.

mandolin, guitar, piano and violin, and mixes jazz, rock and even a touch of bluegrass into their songs.

At 7 p.m. a free lecture by a member of the Penn State faculty on New Age music and its roots in jazz will be held in the Greenroom in Eisenhower Auditorium. It is part of a new lecture series called Artistic Viewpoints offered by the Center for the Performing Arts.

The concert is supported jointly by grants from the Pennsylvania Council on the Arts and the National Endowment for the Arts. Tickets are available at the Eisenhower Auditorium Ticket Office, weekdays from 9 a.m. to 4 p.m. and at the Playhouse Box Office, Tuesday to Friday 11:30 a.m. to 5:30 p.m.

Apartheid drama

Direct from South Africa, three black women will bring their personal experiences under apartheid to University Park. At 8 p.m. Friday, Oct. 6, the

Vusiwezi Players will enact their international success "You Strike the Woman You Strike the Rock" in Schwab Auditorium.

The women wrote the play and star in it, as well. With a simple black cloth as their background, they recreate through a series of vignettes the day-to-day life in the poor townships outside of Cape Town.

In conjunction with the play, the Center for the Performing Arts is sponsoring a free workshop/lecture with the artists at 7:30 p.m. Thursday, Oct. 5, in the Women's Studies Lounge 12 Sparks Building. The lecture is part of a new program called Artistic Viewpoints.

The project is supported jointly by grants from the Pennsylvania Council on the Arts and the National Endowment for the Arts. The event also is partially sponsored by the Equal Opportunity Planning Committee.

Tickets are available at the Eisenhower Auditorium Ticket Office weekdays from 9 a.m. to 4 p.m. and at the Playhouse Box Office, Tuesday to Friday 11:30 to 5:30 p.m.

Trombone choir

A program ranging from jazz to classics will be presented by the Trombone Choir, a student group in the School of Music that has garnered national attention this year at 8 p.m. Thursday, Sept. 28, in the Recital Hall of the Music Building at University Park.

The concert will feature two new compositions and several new transcriptions and arrangements for trombone. Dan Yoder, faculty member in the School of Music, will join the choir as saxophone soloist on two of the arrangements.

The Trombone Choir is conducted by faculty member Mark Lusk.

Obituaries

Charles F. Martin, creamery worker, College of Agriculture from April 1, 1945, until his retirement Aug. 1, 1968, died Sept. 1. He was 80.

Barbara C. Bixler, medical technologist at the Hershey Medical Center since Sept. 11, 1978, died Sept. 5 at the age of 40.

From the Trustee Docket

Nittany Lion Inn

The Board of Trustees has approved construction of an addition to the Nittany Lion Inn.

Totalling 90,000 square feet, the new construction will include 115 guest rooms, a 500-seat Alumni Ballroom, an Alumni Council room and office space for the Alumni Association, according to Richard Benetfield, special assistant to Steve Garban, senior vice president for business and operations.

Other planned additions will include an enclosed swimming pool, a health club and an enclosed courtyard, which will be located between the current building and the addition.

Funding will come from a loan taken by the Nittany Lion Inn and will be repaid

from future income over the next 25 years, according to James Wagner, associate vice president for business operations.

The cost is estimated at \$15 million. Construction is scheduled to begin in early 1990 and is expected to take 16 to 20 months.

The Georgian-style interior and exterior will be maintained in the addition, Mr. Wagner said.

The long-range plan provides for subsequent major renovation work on the existing 144 guest rooms. When the entire project is complete, the inn will have approximately 250 guest rooms.

Williams, Trebilcock, Whitehead of Pittsburgh have designed the expansion and renovations. The project will go to construction bid late this year or early in 1990.

In other action, Trustees

— Authorized the awarding of contracts for the expansion of the Pennsylvania Transportation Institute Bus Testing Center. Funding was provided to the authority through the assistance of U.S. Rep. E.G. "Bud" Shuster of Altoona, senior member of the House Committee on Public Works and Transportation.

The only facility in the nation currently permitted to test bus models for urban mass transit, the University-operated center will consist of a maintenance and inspection building in Altoona (the former Conrail Training Center) and a road-type test track at the University Park Campus.

A small office building will be constructed at the existing test track. It will include five offices, a meeting room and a reception area.

The test track will be equipped with a durability course, a turnaround lane, a sine wave lane, a skid pad and a smooth lane. The total cost of the project is estimated

Development studies

Trustees heard an informational report on the status of development studies undertaken since the University Park campus Master Plan was completed in 1987.

In addition to the Master Plan, James Wagner, associate vice president for business and operations, reviewed plans from the Beckhard Study of East Campus that identified locations for a Convocation Events Center, a Conference Center/Hotel and an Alumni Center and the West Campus Study that outlined location changes for the College of Engineering as well as plans for the relocation of several holes of the White Golf Course.

He noted that the recent Master Transportation Plan provided guidance for

future vehicular and pedestrian traffic and included recommendations regarding the recently completed parking terrace and additional parking facilities to be built behind Eisenhower Auditorium. He also reviewed the Research Plan that outlined a plan for the development of a Research Park to include the Conference Center/Hotel in that location.

"Master planning is a dynamic and continuing process," he said. "The Research Park Plan made clear that the East Campus Beckhard Plan required modification, including the relocation of the Conference Center/Hotel to the Research Park."

"We are in the process of consolidating all of this master planning activity and effort into a single plan and have placed all of the information into our new, Computer Aided Design Drafting System."

Classroom building

Trustees have approved the construction of a classroom/office building on the University Park Campus.

With the growth of total student enrollment at the University Park Campus, there has been a great need for classrooms, labs and offices for students and faculty. James Wagner, associate vice president for business and operations, said.

Space is limited on core campus for new buildings, but it is a high priority to provide classrooms as close as possible to central campus for the students' convenience," he added.

The 80,000-square-foot building will house general classrooms, lecture halls, offices for the Statistics Department and administrative offices for the College of Science.

The new five-floor facility will be on the northeast corner of the intersection of Pollock and Shortridge roads. The total project budget is \$8.5 million.

at \$70,000 for the building and \$1 \$75,000 for the track improvements.

— Approved proposed sketch/preliminary plans for construction of a Science and Technology Center/Bookstore at the York Campus.

This project was made possible by a \$2 million fundraising campaign conducted in the communities served by the campus. Funding for the bookstore will be provided by the Penn State Bookstore system.

The two-story facility will be located directly north of the Student Community Center. The building's first floor will include two lecture classrooms, three computer classrooms and a bookstore. The second floor will contain faculty offices.

— Approved proposed sketch/preliminary plans for construction of a new classroom facility at the Hazleton Campus. The project was made possible by a \$1.5 million fundraising campaign conducted in the communities surrounding the campus.

The one-story structure will be located

south of the main pedestrian walkway, which connects the buildings of the campus's academic core. It will include three classrooms, a lecture room and a lobby/exhibit space on the main level. A partial lower level will include two offices.

— Approved proposed sketch/preliminary plans for additions and alterations to the Erie Building athletic facilities at Penn State Erie, The Behrend College.

The work will include an addition of 10,200 square feet on the east end of the building and renovations of the existing locker rooms and gymnasium.

— Approved the purchase of property owned by Nancy Rizzo for use by Penn State Behrend at a cost of \$67,500. The property is located on Station Road, Erie, adjacent to land owned by the University.

The purchase of the land will facilitate accomplishment of the Behrend College campus Master Plan approved in May 1987 by the Board.

Ag facilities

The Board of Trustees has approved preliminary plans for several agricultural facilities to complement the Agricultural Science and Industries Building, currently under construction at University Park.

The projects include a new poultry complex, a dairy complex and two greenhouses.

The poultry complex will be located north of the existing Headhouse No. 4 and near the Centre County Industrial

Development Corporation incubator building, which is presently under construction. It will replace the existing poultry facilities next to the outdoor swimming pool.

The dairy complex, to be located with the existing dairy facilities off Park Avenue, will have approximately 58,500 square feet and will include a heifer barn, a feed center, free stall housing and renovation of an existing building into an intensive research facility.

The two greenhouses, with approximately 17,500 square feet, will be connected to the south side of the Ag Science and Industries Building.

The total budget for the agricultural facilities project is \$13 million.

Trustees also approved final plans for an addition to the Agricultural Arena complex.

The new building will be the third phase of the complex and will be located north of the existing livestock holding facilities, which are just east of the Agricultural

Arena on the University Park campus.

The structure will be a 33,880 square-foot pole-barn building. It will be used to hold livestock for statewide dairy and livestock shows which can not be accommodated in the present facilities.

The project, designed by the Office of Physical Plant, is estimated at about \$300,000. Construction of Phase III of the Agricultural Arena complex is being funded through private donations, raised by the Pennsylvania Holstein Association.

Penn Staters

Mary S. Mander, associate professor of communications, presented an invited paper at an international symposium on journalism and the public sphere in Dubrovnik, Yugoslavia. Dr. Mander also gave a paper at the biannual meeting of the International Association of Mass Communications Research in Barcelona, Spain.

Raymond D. Nargi, director of financial management and associate treasurer, has been elected to the board of directors of Healthpass Inc., which is the parent of Healthpass Preferred P.P.O., Healthpass PPA, which is the fifth largest P.P.O. in Pennsylvania, is offered in Central and South Central Pennsylvania as an alternative delivery system for health benefits.

Peter D. Usher, professor of astronomy, gave a paper titled "Photometric Theory for Large-Scale Phenomena" at the Comets in the Post-Halley Era Colloquium, in Bamberg, West Germany.

Thomas Watschke, professor of

turfgrass science, has received the distinguished service award of the Pennsylvania Turfgrass Council for his outstanding leadership and contributions to the turfgrass industry in Pennsylvania.

James B. Anderson, professor of chemistry, gave an opening lecture titled "Development of the Monte Carlo Method for Quantum Chemistry" at the Monte Carlo Methods for Molecular Systems meeting, University of Paris. He also lectured on "Potential Energies for Clusters of Helium Atoms" and "Excitons in Semiconductor Crystals."

Z.T. Bieniawski, director of the Mineral Research Institute, is one of six people to be appointed to the Repository Design and Rock Mechanics Review Panel for the Yucca Mountain Project, the nation's first nuclear waste repository, located near the Nevada Test Site. The panel, established by the Sandia National Laboratory, is responsible for the repository design.

Elsworth R. Buskirk, Marie Underhill Noll professor of human performance,

has been elected president of the 1,000-member environment and exercise section of the American Physiological Society. Dr. Buskirk is director of Noll Laboratory for Human Performance Research, based in the College of Health and Human Development.

Helen A. Guthrie, professor and head of the Department of Nutrition in the College of Health and Human Development, has received the 1989 Conrad A. Elvehjem Award for Public Service in Nutrition for her pioneering nutrition education research and her prominence in the nutrition field, where she is highly recognized nationally.

H. Reginald Hardy Jr., professor of mining engineering, has been selected by the Italian Society for Nondestructive Testing as a member of the international advisory committee for the International Conference on Monitoring Surveillance and Predictive Maintenance of Plants and Structures to be held in Taormina, Italy, in October 1989.

John J. Henry, professor of mechanical engineering and director of the

Pennsylvania Transportation Institute, presented a paper, co-authored with **Charles Antle**, professor of statistics, at the 11th International Road Federation World Meeting in Seoul, Korea. The paper was titled "Field Evaluation of Pavement Marking Materials."

Dale Jacquette, assistant professor of philosophy, gave a talk on "Demonstratives and the Logic of the Self" at the Symposium on Sprache und Metaphysik, Academie du Midi, Institut fur Philosophie, L'Abbaye de Lagrasse, Lagrasse, France.

Robert LaPorte Jr., professor of public administration, presented a paper on "Power, Privilege and Decision-Making: The Changing Nature of the Administration System of Pakistan" at an international symposium on The Modern Political Economy of Pakistan held in Honolulu, Hawaii.

Donald W. Leslie, professor of landscape architecture, has been elected vice president of the American Society of Landscape Architects (ASLA).

Senate discussion focuses on climate for diversity

The climate for diversity in the University community was the focus of the Sept. 12 meeting of the University Faculty Senate.

In opening the forensic session, Senate Chairperson Janet Atwood said diversity is the Senate's highest priority this year. She invited eight individuals to talk about how they view the University climate for diversity. A discussion followed the presentations.

The speakers were:

-- **Thomas Merritt**, past-chairperson of the Senate, reviewed the Senate's previous actions concerning diversity.

They included addressing the issues of divestment, apartheid, the University's SHARE program (Scholarship, Help, Academic exchanges, Review of equity holdings and Educational programs, created in 1986), and becoming involved in the University's minority recruitment and retention efforts. In 1988-89, the Senate adopted a resolution on diversity.

-- **Robert E. Dunham**, vice president and vice provost, discussed the University's model for dealing with environmental concerns and the efforts of University and community groups to improve the climate for diversity.

A key component of the model, the Campus Environment Team, meets weekly "to review systematically the reported incidents and to assess the campus environment," he said.

"A second feature of the model is to speak out strongly and quickly against acts of intolerance. The president has been very willing to fulfill this role."

Janyn Altus, Undergraduate Student Government president, related the responses she received when she asked students about the climate for diversity at the University.

"Everyone I talked to said we do have problems with the climate for diversity," she said. Most indicated that ignorance, rather than hatred, was the cause of problems.

-- **Catherine G. Lyons**, co-director, Center for Minority Graduate Opportunities and Faculty Development, talked about the messages the local community sends to minorities.

"The messages may not be overt, but they are there," she said, citing the example of trucks displaying Confederate flags. "As long as we deal with pieces (of the problem) as part of a community, instead of dealing with issues in a holistic way, we'll still be looking at the climate for diversity next year. We need to teach by example."

-- **Kenneth Martin**, Graduate Student Association president, said the University is making progress in its efforts to improve the climate for diversity, but a more positive approach is needed.

He suggested that last year's theme for banners and buttons proclaiming "United Against Racism" ought to be expressed more positively, such as "United for Diversity."

-- **Victor Dupuis**, professor of education and faculty member for more than 20 years, said, "There is no doubt in my mind that the president and provost hold diversity issues to be of the highest priority but one cannot legislate or compel diversity."

He added, "I do not believe the climate to be favorable at this time."

He said the Senate should pursue the recommendations in the team of social scientists' final report.

-- **Jeffrey Ballou**, a senior, said, "We must do more than address issues. We must act."

He mentioned media coverage of racial incidents at the University, Bensonhurst and Virginia Beach and emphasized that "we must all learn to respect each other's differences and values."

-- **Anthony R. D'Augeth**, professor of individual and family studies, discussed the "invisible minority" -- homosexuals. For this group, the climate has worsened, he said.

As adviser to the Lesbian and Gay Student Alliance since 1985, he said the situation for these students is such that harassment is inevitable. He suggested that issues involving sexual orientation be included in all diversity and educational matters.

Following the presentations and discussion, the meeting was adjourned and other agenda items were postponed until Oct. 10.

Faculty Senate chairperson outlines key concerns

The issues of diversity across the University community, undergraduate education and women's issues are key concerns of the new chairperson of the University Faculty Senate.

Janet Atwood, associate professor and acting head of the Department of Exercise and Sport Science, said she has three goals related to diversity that she hopes this year's Senate will deal with: improving the instructional climate; addressing cultural, racial and gender issues in the curriculum; and improving the interpersonal relationships of all members of the University community.

To address these goals, the Senate is conducting two forensic sessions on the topic of diversity. The first session, held Sept. 12, dealt with the climate for diversity throughout the University. The Oct. 10 forensic session will address issues of possible diversity requirements within the curriculum, Ms. Atwood said.

"Student, faculty and staff representatives have been invited to make presentations at the forensic sessions. Their remarks will be followed by presentations by nonmembers

who have requested the privilege to speak and by open discussion by Senate members," she said.

"We view these sessions as valuable in raising diversity issues that our standing committees may consider in depth. We look to the standing committees to bring forth proposals and offer advice and consultation."

"I have no predictions as to how the committees will approach these concerns, but I feel diversity is a compelling issue which must be addressed," Ms. Atwood said.

Another area of interest involves the recommendations of the Strategic Study Group on the Status of Women. The concerns, which deal with the status of women in all aspects of University life, have been placed on the agendas of the Senate standing committees.

Other goals for the Senate this year include:

-- following up on issues introduced by President Jordan at last April's Senate meeting dealing with the quality of instruction in undergraduate education and

distinguish between passive, aggressive, and assertive behavior. Meets Wednesday, Oct. 25, from 9 a.m. to 4 p.m.; cost: \$55.

Vietnam/Disabled Veterans

The University is a government contractor subject to Section 402 of the Vietnam Era Veterans Readjustment Assistance Act of 1974, as amended, which requires government contractors to take affirmative action to employ and advance in employment qualified disabled veterans and veterans of the Vietnam era.

A "disabled veteran" is a person entitled to disability compensation under laws administered by the Veterans Administration for disability rated at 30 per centum or more, or a person whose discharge or release from active duty was for a disability incurred or aggravated in the line of duty.

If you are a disabled veteran covered by this definition and would like to be considered under the affirmative action program, please contact the Affirmative Action Office (863-0471).

The information requested is voluntary and will not be used to adversely affect the terms and conditions of your employment. It will be kept confidential, except that (1) supervisors and managers may be informed regarding restrictions on work duties and necessary accommodations, and (2) first aid personnel may be informed, when and to the extent appropriate, if the condition might require emergency treatment.



Janet Atwood

recognition of the value of undergraduate instruction.

"I'm pleased with the appointment of Dr. Knight as vice provost and dean for

undergraduate education. I have confidence that he will bring these concerns to the forefront and effectively move them toward," Ms. Atwood said.

-- establishing a task force on faculty development, jointly with the executive vice president and provost, to follow up on last year's work on faculty salaries. The task force will look at faculty workload, promotion and tenure and faculty development.

-- forming a task force on adult student life, jointly with the executive vice president and provost, to look at issues related to nontraditional undergraduates.

-- continuing to monitor matters related to academic and athletic standards, admissions, student life, research activities, economic development and physical growth of the University.

A member of the University faculty since 1969, Ms. Atwood previously was a department head at the University of New Hampshire and a faculty member at the University of Iowa and Skidmore College. Her academic interests deal with administration and leadership.

Faculty/Staff Alerts

Courses for employees

The Human Resource Development Center has openings in the following courses being offered in October. Call the Center at 865-3410 for registration information.

Profraternities Designed to reduce errors in proofreading by teaching participants how to proofread through a series of scans rather than reading word for word; meets Friday from 1:15 to 3:30 p.m., Oct. 13 through Nov. 17; cost: \$125.

Success Stories Utilizes American Management Association materials in a series of courses specifically designed with the clerical (support staff) supervisor in mind; meets Mondays from 1:15 to 4:30 p.m., Oct. 16 through Nov. 20; cost: \$150.

Developing Office Professionalism Designed for clerical employees who have identified the value of professional development and who are willing to put forth the effort to attain such a goal; meets Tuesdays from 1:15 to 4 p.m., Oct. 17 through Nov. 21; cost: \$125.00.

Supervision Series Developed by McGraw-Hill, it covers interpersonal areas of supervision. All sessions provide skill modules which emphasize practical application of new skills; meets Tuesday and Friday from 8:30 to 11:45 a.m., Oct. 17 through Nov. 21; cost: \$275 for series, or \$35 per module.

Assertiveness Participants will learn to

News in Brief

Graduate women in science to meet

Nu Chapter of Sigma Delta Epsilon will hold its fall meeting at 7:30 p.m. Monday, Sept. 25, in Room 101 Kern Building, University Park. The speaker will be Sharon Jainrak, director of the Women in Engineering Program at the University.

Sigma Delta Epsilon, the national graduate women in science organization, is affiliated with the American Association for the Advancement of Science. Nu chapter was founded at Penn State in 1930.

Anyone who holds a baccalaureate or advanced degree and who is or has been involved in research in one of the mathematical or scientific fields is welcome to join. Graduate students who are registered for a degree in science requiring scientific research may join at a student rate. For more information, contact President Carol Hodes (238-6375) or treasurer Elizabeth White (865-5451).

Medieval and Renaissance Studies

The University of Pennsylvania will host the Third Pennsylvania Symposium on Medieval and Renaissance Studies Oct.

27-28. The theme of this year's symposium is "The Book and the Idea of the Book in the Middle Ages and the Renaissance."

The event, which is rotating annually among Penn State, the University of Pittsburgh and the University of Pennsylvania, will feature keynote addresses by Jesse Gellrich, Louisiana State University, and Sabine MacCormack, Stanford University.

There will be three general lectures and five panels devoted to various aspects of books, book collecting, illustrations and illuminations, and the reception of books in these periods.

Anyone interested in receiving a copy of the program or attending (and possibly sharing transportation) should contact Gerhard F. Strasser, Department of German, 865-5481 or (238-7993) by Sept. 27.

Sigma Xi nominations due

Faculty members are reminded that nominations for new members to Sigma Xi, the Scientific Research Society, are due. Nomination forms may be obtained from Ellen Rockey, 106 Patterson, 865-1895. Completed forms should be returned to Ms. Rockey.

Admissions Center dedicated

First impressions can make a big difference to prospective students and their parents when it's time to select a college or university. With a newly remodelled Admissions Visitation Center, Penn State is making sure its visitors feel welcome and at home.

Located on the second floor of Shields Building at University Park, the center was officially dedicated during the annual fall conference for admissions officers and counselors, faculty and guests on Wednesday, Sept. 13.

About 12,000 visitors, prospective students and their parents and families, visit the center each year. Scott F. Healy, director of admissions and assistant vice president, said: "For most, the Undergraduate Admissions Office is their first look at the University Park Campus and their first introduction to Penn State."

The reception area, the orientation room, offices and conference rooms have been redecorated and remodeled to reflect Penn State as it is today. The architectural firm of Palumbo and Horlacher Inc. designed the renovation.

Contractors for the project were Haran Construction Co., Nittany Electric Co. and the McClure Co. Construction began in the summer of 1988 and was completed this spring.

Faculty and students in the School of Visual Arts have designed a special exhibit for the opening of the center that depicts Penn State campuses throughout the state. Student art is exhibited in the center and will be changed twice a year. Cindy Morrison, manager of the Zoller and Chamber galleries, manages the student exhibits.

Photo: Scott Johnson



New Admissions Visitation Center

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. The announcement is made so that all University employees who are interested in promotion MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304). Applications for these staff vacancies will be accepted until Sept. 28, 1989. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment Practices (FEP) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by laws, rules or status as a disabled or Vietnam era veteran).

• **Applications Programmer Analyst, Academic Services University Registrar's Office, University Park Campus**—Responsible to the coordinator Information Services for conducting analyses of data processing problems, determining detailed requirements to solve problems and formulating logical statements of system problems and preparing computer programs to satisfy desired results. Design, modify, test and control computer programs using REXX, C, BASIC, FORTRAN, PL/I, COBOL, and other languages. Requires bachelor's degree or equivalent in computer science and one to two years of effective experience in computer programming and analysis. STAFF GRADE 5.

• **Attorney, Student Services, Campus Life, University Park Campus**—Responsible to the associate director, Campus Life, for providing consultation, counseling and advice to students and student groups on a wide variety of legal issues and problems. Develops student programs, activities and publications to enhance students' intellectual, cultural and social responsibilities. Requires graduation from an accredited law school with a J.D. or LL.B. degree, admission to the Pennsylvania Bar Association and three to five years of effective experience in legal services. PROFESSIONAL STAFF GRADE 12.

• **Affirmative Action Investigator, Office of the President, Affirmative Action Office, University Park Campus**—Responsible to the affirmative action officer for performance evaluation of staff to see that the Affirmative Action Office is compliant

divisions in compliance with University policy, federal and state legislation and other laws and regulations governing equal employment and affirmative action. Requires bachelor's degree or equivalent in administration of justice, social or behavioral science or related field. Two to three years of effective experience preferably within the context of human resources and social services, equal employment opportunity and investigative procedures is required. STAFF GRADE 7.

• **Prop Shop Supervisor, Arts and Architecture, Department of Theatre Arts, University Park Campus**—Responsible to the technical supervisor, Department of Theatre Arts, for supervising the daily operation of the prop shop and for assisting in providing instruction to students in prop construction, materials and equipment. Requires bachelor's degree or equivalent in technical theater plus up to one year of effective experience in a professional prop shop. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1990 WITH POSSIBILITY OF RE-FUNDING. STAFF GRADE 4.

• **Technical Theater Specialist, Arts and Architecture, Department of Theatre Arts, University Park Campus**—Responsible to the technical supervisor, Department of Theatre Arts, for providing instruction to students in proper theater construction techniques for practical application to production requirements. Requires bachelor's degree or equivalent in technical theater plus up to one year of effective experience in scene studios and theaters. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1990 WITH POSSIBILITY OF RE-FUNDING. STAFF GRADE 4.

• **Assistant Coordinator, Children's Miracle Network Telethon, University Hospital, Department of Planning and Health Services, Advancement, Hershey Medical Center**—Responsible to the coordinator, Children's Miracle Network, for the coordination of telethon special events, recruitment and management of volunteers and increasing television allocation monitoring. Requires bachelor's degree or equivalent plus one to two years of effective experience in public relations or promotional activity. Strong organizational and accounting skills desirable. STAFF GRADE 5.

• **Computer Operator, College of Medicine, Medical Computer Center, Hershey Medical**

Center—Responsible to the manager of the Medical Computer Center, College of Medicine, for monitoring and controlling electronic computers on established routines and for assisting department staff members as required. Requires two years of college or equivalent, with one to two years of experience in data processing. HOURS FOR THIS POSITION ARE 4 P.M. TO MIDNIGHT. WEEKENDS INCLUDED. STAFF GRADE 4.

• **Medical Social Worker II, College of Medicine, Social Services, Hershey Medical Center**—Responsible to the social services coordinator for providing inpatient and outpatient medical social services and providing practical help and emotional support to patients and their families. Requires master's of social work degree from an accredited college or university and or equivalent one to two years of effective experience. STAFF GRADE 6.

• **Coordinator, Residency Program, College of Medicine, Department of Medicine, Hershey Medical Center**—Responsible to the assistant dean for external relations and continuing education for coordinating the day-to-day activities of the Department of Medicine Residency Program to include assisting in the recruitment of residents and development and maintenance of the budget. Requires an associate degree or equivalent in business administration plus one to two years of effective experience. STAFF GRADE 4.

• **Public Information and University Relations Assistant, Commonwealth Educational System, University Relations, Berks Campus**—Responsible to the director of university relations for organizing and conducting an effective comprehensive public information and media relations program for the campus. Provide support and guidance to alumni organizations and coordinate special events. Requires bachelor's degree or equivalent, in journalism, English, communications plus one to two years of effective experience in newspaper and/or journalistic writing or public relations. Position requires a high level of skill in oral and written communications. Experience in volunteer relations and desktop publishing desirable. STAFF GRADE 5.

• **Computer and Electronics Specialist, Commonwealth Educational System, Director of Academic Affairs, Berks Campus**—Responsible to the assistant director of academic affairs for maintaining operations of computer and computer related labs. Assist students and faculty with hardware, software and programming problems and projects in the computer laboratories. Requires an associate degree or equivalent in microcomputer technology, computer programming or related field plus two to three years effective experience in microcomputer systems desirable. Knowledge of electronics desired. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1990 WITH A GOOD POSSIBILITY OF BECOMING A CONTINUOUS POSITION. STAFF GRADE 5.

Position open at Penn State Harrisburg

Applications and nominations are being sought for the position of associate provost/associate dean of the faculty at Penn State Harrisburg. The associate provost/associate dean of the faculty provides academic leadership to the College and serves as principal adviser to the provost/dean on major budgetary, personnel and other academic decisions.

The successful candidate shall have had substantial and significant academic credentials and administrative experience at a senior level and experience in a research university.

He or she should have demonstrated

skills and accomplishments in line management with significant budgetary responsibilities and in building a culturally diverse institution. The successful candidate also should have strong communication skills, a record of successful interaction with faculty and staff, and vision as well as vitality.

Applications and nominations should be submitted to Jeremy F. Plant, chair, Search Committee, Penn State Harrisburg, Middletown, PA 17057. Review of candidates will begin about Oct. 10. A January appointment is preferred.

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William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

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FACULTY SENATE

Diversity issues are among the key concerns of the University Faculty Senate. See the stories on Page 7.

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INTERCOM

September 28, 1989

Volume 19, Number 6

Information submitted for publication in *Intercom* is due by noon on the Thursday before publication.

Dr. Richardson to serve as 1989 United Way chairman

William C. Richardson, executive vice president and provost of the University, will serve as chairman for the University Park 1989 United Way Campaign. He served as vice chair in 1988.

Named as vice chair for 1989 is Anne C. Petersen, dean of the College of Health and Human Development. Dr. Petersen will serve as campus chair in 1990, thus providing continuity in campaign leadership and consistent administrative support for the United Way campaign.

As chair of the University Park campaign, Dr. Richardson will meet with campus administrators to enlist support for United Way. He will encourage United Way associate and assistant chairpersons in each administrative area to implement new initiatives and programs suggested during an in-depth study on the United Way program conducted last spring.

Dr. Richardson has been executive vice president and provost of the University

since July 1, 1984. He came to Penn State from the University of Washington, Seattle, where he was graduate dean and vice provost for research.

Serving as associate and assistant chairs respectively for major administrative and academic units at University Park for the United Way campaign are:

Commonwealth Educational System: **Richard E. Grubb**, **Kenneth E. Varcoe**; Student Services: **William W. Asbury**, **Sara W. Alterio**; Computer and Information Systems: **J. Gary Augustson**, **Paul J. Peworchuk**; International Programs: **W. LaMar Kopp**, **Tannaz Rahman**; Advanced Technology: **John E. Werner**, **Arthur A. Heim**;

Business and Operations: **James M. Wagner**, **Robert C. Finley**, **Jerry Boyles**; Finance: **Ken S. Babe**, **William F. Norgroski**, **Mary A. Northamer**; Athletics: **W. Herbert Schmidt Jr.**, **Linda J. Woodring**; Research and Graduate Studies:

Charles L. Hosler, **Beatrice R. Swift**; Development and University Relations: **G. David Gearhart**, **Janice F. Oakes**;

Budget: **P. Richard Althouse**, **Mary Jane Fisher**; Undergraduate Education: **Gregory Knight**, **Rebecca A. Young**; Academic Services: **Robert E. Dunham**, **Gloria D. Decker**; President's Office: **Carol Herrmann**, **Sharon E. Becker**; University Libraries: **Nancy M. Cline**, **Cynthia R. Detmer**;

College of Agriculture: **Lamartine F. Hood**, **Robert W. Sams**; College of Arts and Architecture: **James C. Moser**, **Arthur S. Dervais**; College of Business Administration: **J.D. Hammond**, **Trudy A. Smith**; School of Communications: **Brian N. Winston**, **Christine Templeton**; College of Earth and Mineral Sciences: **John A. Dutton**, **Everett P. Tiffany**;

College of Education: **Robert F. Nicely**, **A.J. Gull**; College of Engineering: **John A. Brighton**, **Nancy J. McMurtry**; College of



Health and Human Development: **Anne C. Petersen**, **Mary G. Dunkle**; College of the Liberal Arts: **Hart M. Nelsen**, **James A. Winick**; College of Science: **Gregory L. Geoffroy**, **Joseph M. Lambert**.



Smiles were the order of the day as ribbons were cut for the opening of the Magic Years Child Care and Learning Center at the Hershey Medical Center. Magic Years, which specializes in operating child-care centers at other healthcare facilities, will operate the center and lease the land from the Medical Center on a long-term basis.

In Istanbul, Turkey Business conference scheduled

Penn State Harrisburg and Marmara University in Istanbul, Turkey, have signed an agreement to jointly sponsor an international business conference in Istanbul in 1991. The agreement also includes faculty and student exchange programs, and intensive summer courses in Istanbul.

"Establishing this sister institution relationship is important to furthering Penn State Harrisburg's efforts to internationalize the business curriculum," said Ruth Leventhal, provost and dean at Penn State Harrisburg, who recently visited Marmara University to sign the formal agreement.

"Enhancing the strong international business focus in our School of Business Administration is the primary goal of this agreement. This gives Penn State

Harrisburg a presence, contacts and a strong working relationship in a thriving city halfway around the world."

The conference on international business will be planned, organized and managed by a faculty committee from Penn State Harrisburg's School of Business Administration and Marmara University's Faculty of Economic and Administrative Sciences.

Marmara University was founded in 1982 by incorporating several existing educational institutions, including the Hamidiye School of Higher Commercial Education, founded in 1883. With 20,000 students, Marmara University is unique for teaching its programs in English, Turkish and French.

Penn State Harrisburg graduate will visit college as Alumni Fellow

Richard M. Barger, partner in the Harrisburg accounting office of Ernst & Young, has been named Penn State Harrisburg's 1989 Alumni Fellow.

A 1971 graduate of the business administration program, he is a member of the Penn State Harrisburg Board of Advisers, serving on the board's community relations committee, and co-chair of The Campaign for Penn State Harrisburg, working to raise \$2 million for the college.

Mr. Barger and David Brown, a fellow graduate who also is a partner in the firm, initiated an annual giving program among the Penn State Harrisburg alumni in their office.

The group began with an initial donation of \$500 in 1980, established its first named alumni scholarship in 1983, and announced plans to fund the first alumni-endowed scholarship in 1986. To date, 14 students have received financial assistance through the Penn State Harrisburg Alumni Scholarship program.

During his visit to Penn State Harrisburg, Mr. Barger will participate in a panel discussion, which is open to the public, at



Richard M. Barger

7:30 p.m., Monday, Oct. 2, in the Capital Union Building. The topic will be "Business in Search of the New Work Force." He also will speak to students and the public at 11 a.m. Wednesday, Oct. 4, in the Gallery Lounge.

Faculty development task force named

A task force has been asked to develop a set of recommendations for the enhancement of faculty development at the University.

The appointment of the Task Force on Faculty Development follows the suggestion of a 1988-89 committee, chaired by **Ronald R. Keiper**, professor of biology (Mont Alto).

That committee reviewed salaries, workloads and related concerns stemming from University Faculty Senate studies of salary disparities between University Park faculty and those at other locations, and other inappropriate disparities, such as those based on gender. In a report submitted in February 1989, the group emphasized a need for further examination of opportunities and rewards for professional progress and development, and for recommendations addressing these issues.

As a result, **William C. Richardson**, executive vice president and provost of the University, and **Janet Atwood**, chair of the University Faculty Senate, have appointed the Task Force on Faculty Development.

The Task Force will be chaired by **John**

J. Cahir, associate dean for resident instruction in the College of Earth and Mineral Sciences. Members include

Deborah F. Atwater, associate professor of speech communication and director, Minority Faculty Development; **Robert A. Bernoff**, campus executive officer, Penn State Ogontz Campus; **Joseph S. DiGregorio**, associate dean for CES and Continuing Education in the College of Engineering; **Louise E. Hoffman**, associate professor of humanities and history, Penn State Harrisburg; **Professor Keiper**, **Manfred Kroger**, professor of food science.

Roland E. Larson, professor of mathematics, Penn State Erie; **John J. Romano**, campus executive officer, Penn State York Campus; **Jack P. Royer**, director of academic affairs, Penn State Fayette Campus; **Suzanne Striedieck**, associate librarian, Pattee Library, and **Roger Zellner**, associate professor of art Penn State Altoona Campus.

Staffing the Task Force will be **Michael J. Doorsis**, senior planning analyst in the Office of Planning and Analysis. The Task Force expects to submit its report by February 1990.

Focus on Diversity

Diversity Opportunities Calendar

Monday-Tuesday, Oct. 2-3 The second annual Muslim World Fair will feature a lecture, "Relevance of Islam to Contemporary Society," by Sulayman Nyang, professor of political science at Howard University, Washington, D.C. The talk will be held in the HUB Assembly Room Oct. 2 beginning at 7:30 p.m.

On Oct. 3, M.O. Farooq, assistant professor of economics at Western Illinois University, Macomb, will present a lecture, "Contributions of the Muslim Civilization to World Civilization," in 112 Kern at 7:30 p.m.

Thursday, Oct. 5 Actresses from the Market Theatre of South Africa will conduct a workshop and lecture, telling about their experiences as actresses and

women dealing with apartheid in South Africa at 7:30 p.m. in 12 Sparks. The group encourages audience input. The lecture is sponsored by the Center for the Performing Arts, co-sponsored by Women's Studies Program.

Friday, Oct. 6 The Vusizwe Players, in their first United States tour from South Africa, will enact their international success "You Strike the Women, You Strike the Rock," 8 p.m. in Schwab Auditorium. They wrote the play and star in it as well. With simple black cloth in the background, they recreate through a series of vignettes the day-to-day life under apartheid in the poor townships outside Cape Town. Tickets are available at Eisenhower Auditorium Ticket Office, weekdays from 9 a.m. to 4 p.m.

and at the Playhouse Box Office, Tuesday to Friday 11:30 a.m. to 5:30 p.m.

Oct. 6 also is the reservation deadline for the first in a series of faculty development workshops sponsored by the Office of Minority Faculty Development. The series starts with the topic "Promotion and Tenure." Saturday, Oct. 14, from 9 a.m. to noon in 101 Kern. Reservations can be made by contacting Leah Wittig at 863-1663.

Saturday, Oct. 7 Ethnic foods, music, dance, crafts and fun will be the focus as Penn State and the Centre Region host their first town and gown festival to promote cross-cultural interaction. The event will take place at the Central Parklet,

located behind the Fraser Street Post Office from 10 a.m. to 7 p.m.

Highlights include the 2nd annual Chili Challenge sponsored by the American Indian Student Association and musical performances by Earthtones, Passport, Deacons of Dixie, the Voices of Unity choir and Penn State's United Soul Ensemble. The day-long event is sponsored by the Academic Assistance Program Council in association with Centre Region of Governments, the Downtown Business Association and the State College Area School District. Registration forms for the Chili Challenge are available at 320 Rackley.

Minority Voices journal is reactivated

Minority Voices, a Penn State-based national journal that explores issues concerning people of color, is returning after a seven-year absence. The reactivation issue focuses on the combined effects of racism and sexism.

It spotlights the complicated issue of "Interactive Discrimination: The Combined Effects of Racism and Sexism" says John Barnes, managing editor and coordinator, Office of Minority Programs, for the College of the Liberal Arts.

"We want to shed light on the experiences of minority women," Mr. Barnes notes. "The struggle for recognition and visibility encountered by many women of color is something quite different from anything men of color or white women face."

For the past three years, Penn State's Center for Women Students and the college's Office of Minority Programs have co-sponsored a speaker series of the same title. The overwhelming response to the series prompted the decision to dedicate the inaugural issue to women of color. Mr. Barnes says.

With an expected first-year circulation of 1,000 nationwide, the biannual publication also will feature graduate student and faculty writings, including scholarly articles, book reviews and poems on issues facing oppressed groups in America.

Established in spring of 1977, the publication was discontinued in 1982 because of funding problems. The former journal was supported by University funds and subscription fees. The re-established journal currently is funded by the University's Equal Opportunity Planning Committee.

"Although this inaugural issue has a specific focus, subsequent issues will consist of a much broader perspective pertaining to literature, the arts, social and behavioral science, as they relate to minority perspectives," Mr. Barnes says.

Papers and manuscripts are welcomed. Copies may be submitted to: The Office of Minority Programs, College of the Liberal Arts, 130 Sparks Building, University Park, Pa. 16802, Attention John S. Barnes.

The deadline for submitting material for the issue is Nov. 1.

Women of Color

The Central Pennsylvania Women of Color honored William Richardson, executive vice president and provost of the University, for his personal efforts in the retention of minority faculty at the University.

On Sept. 15, Dr. Richardson received an award from the group during a special luncheon. Other guests of honor included Board of Trustee members Cecile Springer, Jesse Amelle, Mimi Coppersmith, Barry Robinson, Nancy Kidd and Christina Henke.

Recognition also was given to Ann Shields, former WOC coordinator and chair of the Commission for Racial/Ethnic Diversity, and Suzanne Brooks, director of the Affirmative Action Office and board member of the National Institute of Women of Color, for their personal leadership within WOC.

The next monthly WOC luncheon will be noon Oct. 5 at the Hotel State College. State College Borough Council member Jean McManis will talk on "Participating in Your Local Government." Call 863-0621 for reservations or information.

WPSX-TV programs

"Ancestral Voices," airing on WPSX-TV at 9 p.m. Friday, Sept. 29, on *Mayers: The Power of the Word*, includes poets who turn to the past and their own cultural heritage to understand the present.

Garrett Hongo's poetry reflects his Japanese-American heritage. Joy Harjo's poetry is influenced by her Native American heritage. Mary TallMountain's poetry reflects her Native American and Anglo heritage.

Super Chief -- The Life and Legacy of Earl Warren, airing at 10 p.m. Monday, Oct. 2, is a provocative portrait of a fascinating man in a turbulent time.

As chief justice of the Supreme Court from 1953 to 1969, Warren changed the face of America through a series of landmark decisions. The most emotionally charged case was "Brown v. the Board of Education of Topeka," which declared the separation of public school children by race unconstitutional, giving the civil rights movement legal authority.

The Campaign for Penn State

Jewish studies

The Mitrani Family Foundation of New York has donated \$200,000 to help create a faculty chair in Jewish Studies in the College of the Liberal Arts.

The chair requires a \$1 million endowment. Including the Mitrani gift about \$840,000 in private funds have been raised.

"This faculty position will add strength and continuity to our efforts to develop programs in Jewish literature, civilization and religion," Dean Hart M. Nelsen said. "The Mitrani Foundation's gift is indicative of the enthusiasm we've encountered for creation of the chair."

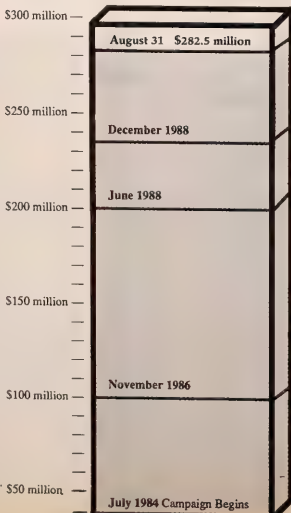
The Mitrani Family Foundation was established through a bequest by Marco Mitrani, founder of Milco Industries of Bloomsburg. The foundation supports Jewish and academic programs.

Instrumental in securing the gift were Herbert Hasson, the president and chief executive officer of Milco, and Harold J. Hein, a Penn State alumnus and New York businessman who heads the chair's fund-raising activities in the New York area.

Fund raising began in the fall of 1988. Since then, Mr. Hein and 14 other alumni volunteers in the Northeast have been seeking donations to the endowment.

The gift is included in the college's National Endowment for the Humanities challenge grant. Under a three-to-one matching agreement, the NEH will award approximately \$60,000 to the college.

CAMPAIGN FOR PENN STATE Progress Toward \$300 Million Goal



Japanese history

The Japan Foundation has pledged \$70,000 to add a specialist in Japanese history to the Department of History.

Andrew E. Goble, who has spent several years as a student and researcher in Kyoto and Tokyo, and who most recently was a postdoctoral fellow at Harvard's Reichsarchiv Institute of Japanese Studies, as been appointed to the post. Dr. Goble, a native of Australia, is a student of political and social change in 14th-century Japan, and has taught at Harvard, Stanford and the University of Alabama.

"We have a first-rate scholar in Dr. Goble," Charles Ameringer, head of the Department of History, said. "He'll add immeasurably to our studies of the Far East. With this support by the Japan Foundation, we can complete the circle of scholarship begun with our faculty positions in Chinese and Vietnamese history."

Dr. Ameringer also noted that Dr. Goble's scholarly activities will enhance courses in Japanese languages, the humanities and political science.

The Japan Foundation is an independent philanthropy with offices in New York and Tokyo. It supports projects in Japan and the United States that promote better communication and greater understanding between the two nations.

The gift is part of The Campaign for Penn State, a six-year effort to raise \$300 million in private support for academic programs.

Two are honored for exceptional academic services

Ruth Stoner, team leader of the records team, Registrar's Office and Gloria D. Decker, assistant to the vice president for personnel and administrative services, Division of Academic Services, are the recipients of the third annual Vice President's Award for Exceptional Academic Services.

The award, which was presented by Robert E. Dunham, vice president and vice provost, recognizes outstanding service contributions by an individual or group of individuals within the academic services unit at the University.

Established in 1987, the award grew out of the unit's strategic planning goals of "strengthening the services provided by academic services units, stressing convenience and courtesy to clientele and effectiveness and adaptability in management."

Ms. Stoner's work involves maintaining the accuracy of student records. She answers questions from both students and parents, taking the time to solve unusual problems and calm upset students or parents.

A longtime member of the Registrar's Office staff, she serves as a resource for other University staff members who have questions about the ISIS computer system.

"Ruth's attitude and actions reflect a positive image of the Registrar's Office to students, departments and co-workers," according to the nomination statement.

Ms. Decker is an active participant in the ISIS End User Implementation Team. Among her other accomplishments, she was responsible for the origination of the Personnel Representative Retreat and handles personnel matters for the Division of Academic Services, as well as serving on the Office of Human Resources committees on course development and employment.

She has provided guidance for renovations, particularly for the Admissions Community Recruitment Centers. She serves as chairperson of the Vice President and Vice Provost Committee on Cultural Diversity. The United Way has recognized her consistent contributions to charity with a special certificate.

"Both of these recipients personify the 'service ethic.' Each, in her own way, has



Taking part in the award ceremony are, from left, Warren R. Haffner, University registrar; award recipients Ruth Stoner and Gloria D. Decker; and Robert E. Dunham, vice president and vice provost.

made significant contributions to this University," Dr. Dunham said. "Since Gloria Decker has worked with me in some

capacity for two decades, it is personally rewarding to recognize her outstanding contributions."

Faculty/Staff Alerts

Flexible benefits plan

The University is expanding its flexible benefits plan for calendar year 1990 to include flexible spending accounts. William J. Walsh, director, Salary Administration and Benefits, said an enrollment period will be held from the first week of October until Nov. 17.

Flexible spending accounts are a means to pay for certain eligible expenses with pretax salary dollars. Mr. Walsh explained that a participant decides how much he/she wishes to contribute to his/her account based on anticipated out-of-pocket medical and/or dependent care expenses. The contribution is then withheld from salary before federal income and social security taxes are calculated. After the participant incurs an eligible expense, he/she will be reimbursed from his/her tax-free account. The net result is increased spendable income due to the elimination of the

federal taxes on these funds.

The expanded flexible benefit plan will consist of three options:

Option 1: Contribution Conversion, a continuation of the first phase of flexible benefits which has been in place since earlier this year. Individuals electing this option pay the cost of their healthcare coverage and the first \$50,000 of group life insurance with pretax salary dollars. Participation in Option 1 automatically renews each year unless an individual elects not to participate during the annual election period.

Option 2: Health Care Reimbursement Account is a flexible spending account which helps pay for medical expenses not covered by a healthcare plan. Some examples include dental plan deductibles and copayments, amounts exceeding vision plan maximums, preventative healthcare

such as routine physicals and mammograms, hearing aids (including batteries) and cosmetic surgery. In general any expense allowable as a medical deduction on the federal income tax return is eligible for reimbursement.

Option 3: Dependent Care Reimbursement Account is the second flexible spending account being made available beginning in 1990. Work related dependent care expenses up to \$5,000 a year may be reimbursed from this tax-free account. Mr. Walsh said that many people paying daycare and baby-sitting fees are familiar with the federal child and dependent care tax credit. This flexible benefit option is an alternative method of saving taxes on these types of expenses.

Participation in any of the three flexible benefit options is strictly voluntary. Option 1 renews automatically each year, whereas

Options 2 and 3 require an annual sign-up. All regular full-time faculty and staff are eligible to participate and will be receiving a packet of information, including the election form, by campus mail.

More than 60 meetings have been scheduled at all University campuses to give interested persons an opportunity to ask questions about the program. Ronald R. Rohde, a benefits specialist in the Office of Human Resources, is coordinating the flexible benefits program and is available to answer questions by calling 865-1473 (Network 475-1473) or E-mail RRRI. All election forms must be received in the Employee Benefits Division in the Rider Building no later than Nov. 17.

New hires will be given 31 days from their date of employment to elect to participate in any or all of the flexible benefit options.

University's Van Pool Program is picking up speed

The University's Van Pool Program appears to be picking up speed.

Under the program, operated by the Department of University Safety, the University acquires the vehicle to be used to provide transportation for employees to and from work.

Users of the service agree to maintain the vehicle and reimburse the University for the cost and operating expenses of the vehicle through periodic payments at established rates.

The University currently operates five

vans originating in Phillipsburg, Woodward, Aaronsburg and Lewistown. An additional van is available.

There seems to be sufficient interest to start up additional pools. "Bruce Kline, program coordinator, said, 'A number of potential routes have been identified.'"

Mr. Kline said that University Safety maintains a computerized data base of employees who are interested in ride sharing. Prospective routes are evaluated by the number of potential users who share the same or similar work hours.

Once a route has been identified a driver is selected from among those indicating interest. The driver/coordinator is then provided a list of interested van poolers. The driver/coordinator is then asked to obtain signed individual forms from 13 or 14 interested individuals from the list.

The driver/coordinator has the responsibility of maintaining the van and keeping a sufficient number of riders to pay the van pool costs. In return, he or she

receives free transportation to and from work.

Interested employees may enter their names onto the list of prospective van poolers by calling University Safety at 865-1864 and asking for an enrollment form. Mr. Kline said, "Employees interested in starting or joining a car pool also are encouraged to request enrollment forms."

Anyone interested in finding out more about van pooling or car pooling may call Bruce Kline at 865-1864.

News in Brief

Women's Alliance

The Women's Alliance will sponsor a networking brunch at 9:30 a.m. Saturday, Oct. 5, at the Aupoport, State College. The discussion will focus on women's health issues: special concerns, delivery of services, research, access, and attitudes.

For information contact Betty Moore, program coordinator, at 863-1809, or Jean Landa Fyfel, Women's Alliance chairperson, at 863-0754 by Oct. 5."

Faculty/staff orientation

A faculty/staff orientation workshop sponsored by the College of Agriculture's Office for Research will be

held from 8:30 a.m. to 5 p.m. Thursday, Oct. 5, in the Assembly Room of the Nittany Lion Inn at University Park.

There will be sessions on College of Agriculture research programs and funding, development of a research (station) project and extramural funding, as well as presentations on the Institutional Animal Care and Use Committee, University Biosafety Committee and Office for the Protection of Human Subjects.

Clinic re-accredited

The Speech and Hearing Clinic in the College of Health and Human Development has been re-accredited by

the American Speech-Language-Hearing Association.

The accreditation is granted by the professional services board of the association. It certifies that the clinic meets or exceeds national standards for providing high-quality professional care to people who have communication disorders.

The clinic, operated by the Department of Communication Disorders, diagnoses and treats clients who have speech and hearing disorders. It also provides a setting for students to gain professional experience and for faculty to conduct research.

Graduate Lecture Series

Kenneth Weiss, professor and head of the Department of Anthropology, will

present the second of this fall's Graduate Lecture Series at 4 p.m. Wednesday, Oct. 11, in Room 112 Kern Building at University Park. In his talk, "Medieval Mappamundi and the Conceptual Map of Genetics," Dr. Weiss will discuss changes in our knowledge of human genetic variation, relating those changes to age patterns and the genetic nature of human cancer.

Language project seeks participants

Keith Nelson of the Department of Psychology is looking for children ages 2 1/2 to 8 years to participate in a research program exploring ways to teach children language. Call Dr. Nelson at 863-1747 for details.

Focus on the arts

Talk on Bellefonte

Hugh Manchester will give a talk on the history of Bellefonte at 2:30 p.m. Sunday, Oct. 1, at the Palmer Museum at University Park.

Mr. Manchester, a resident of Bellefonte, has collected both factual and anecdotal information on his town over the years. The lecture complements the Museum's current exhibition, "Bellefonte Collects." Many artifacts from Bellefonte homes are featured. Among the items on display are a lap desk belonging to former Gov. James A. Beaver, still preserved by his descendants, and a portrait by artist Jacob Eichholtz of James Pettkin, who was a member of the Pennsylvania state legislature in the early 19th century.

The talk is free and open to the public. For more information contact the Palmer Museum at 865-7672.



AT&T officials describing their exhibit, "MicroScape: The Hidden Art of High Technology," to a viewer are Len Stern, left, retired AT&T scientist and currently a photographic consultant, and Michael A. Brunner, executive vice president, AT&T Federal Systems. The exhibit is on display in the HUB Browsing Gallery through Nov. 8. (Photo: Scott Johnson)

Quilting workshop

A quilting workshop for spouses of graduate residents of family housing at University Park Campus will be held from 10 a.m. to noon Tuesday, Oct. 3 in Room 312 Hetzel Union Building.

The goal of the workshop is to provide an opportunity for spouses of graduate students to meet others who live on campus and to introduce them to a uniquely American art form - quilting. A majority of the married graduate students living in 300 on-campus apartments are international students.

The HUB Craft Centre and the Graduate Housing Division in Housing and Food Services are cosponsoring the workshop.

Becky Shiver, a member of the Centre Pieces Guild, will teach participants how to piece together patches of fabric to create a sash bag. For those interested in learning more about quilting, the HUB Craft Centre offers additional workshops and classes.

To preregister for the special workshop call the Craft Centre at 865-0611.

Odysee on WPSU

The Bari Indians of Venezuela and Colombia live in a world of concentric rings; their house are oval, surrounded by the rings of crop in their fields, and the rainforest at the edge of the clearing.

On "The Bari's World of Rings," the next edition of "Odysee Through Literature," anthropologist Stephen Beckerman explores with host Leonard Rubinstein what thinking of the world as a series of circles might mean to the Bari.

"What I'm curious about," says Mr. Rubinstein, "is why this particular civilization prefers to remain with that particular geometric design." Bari culture, he discovers, is graceful and smooth, with no harsh angles even in its social relationships.

"Odysee Through Literature" is produced by the Comparative Literature Department and airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Trombone quartet

The Nittany Trombone Quartet will perform a concert at 12:10 p.m. Thursday Oct. 5, in Eisenhower Chapel at University Park. The 20-minute performance is part of the fall Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The Quartet members are Bruce Retynski; Sean Reusch, Jon Moyer and Matt Neff. All students in the School of Music.

Vietnam ex-POWs

Two Vietnam War ex-POWs will bring the veterans' perspective to the present-day campus as part of a special Vietnam War program and exhibit Oct. 5-6 at University Park.

Retired Air Force Col. Norman McDaniel and retired Navy Capt. Giles Norrington

will conduct a joint symposium titled "We Can Keep You Forever" at 8 p.m. Thursday, Oct. 5, in Eisenhower Auditorium. The presentation is part of the leadership conference and is open to the public.

Robert C. Doyle, a key organizer of the program, invited Col. McDaniel and Capt. Norrington to share their memories of the "Hanoi Hilton," the most notorious of Vietnam POW camps. Col. McDaniel was a prisoner of war from 1960 to 1973. Capt. Norrington from 1968 to 1973.

They will recall their experiences in American studies and Black studies classes and in an open seminar at the Robeson Center from 3:30 to 5:30 p.m. Friday, Oct. 6. Their presentation at the Robeson Center will focus on the film "The Bloods of Nam."

The program is sponsored by ROTC, the American Studies and Black Studies programs, the Penn State Veterans Organization and Alumni, the Paul Robeson Cultural Center, the Office of Unions and Student Activities and the Veterans of the Vietnam War, Post 22.

A Smithsonian exhibit, "The Vietnam Veterans Memorial: A National Experience" will be on display from noon to 5 p.m. daily, Sept. 30-Oct. 29 in the HUB Formal Gallery.

Dr. Doyle, instructor in American studies and a Vietnam veteran, created a Penn State course called "The American Dream in the Vietnam War," now in its second year.

The Vietnam War program begins with the free showing of the film "Hanoi Hilton" at 7:30 p.m. Wednesday, Oct. 4, in the HUB Assembly Room.

"The entire program is intended to address the unanswered questions about the Vietnam War and thus help people achieve some kind of psychological closure," Dr. Doyle says.

'Ethics in America'

"Ethics in America," a 10-part PBS videotape series, will be shown during Fall and Spring semesters under the sponsorship of the Office of Religious Affairs.

Each presentation will be followed by a discussion led by members of the University community.

Fall Semester topics are:

- "To Defend a Killer" (legal ethics and reticence); 7:30 p.m. Thursday, Oct. 5, 112 Kern Building.

- "Public Trust, Private Interests" (ethics in government); 3 p.m. Monday, Oct. 23, Eisenhower Chapel, Memorial Lounge.

- "Does the Doctor Know Best?" (ethics in healthcare); 7:30 p.m. Wednesday, Nov. 1, Eisenhower Chapel, Memorial Lounge.

- "Anatomy of a Corporate Takeover" (business ethics and distributive justice); 3 p.m. Monday, Nov. 13, Eisenhower Chapel, Memorial Lounge.

For more information, call the Chapel at 865-6548.

Conference scheduled

The third annual conference on Organ and Church Music will be held at University Park from Thursday, Oct. 12, through Saturday, Oct. 14.

The conference, a continuing education service of the College of Arts and Architecture, is designed to provide choirmasters and organists the opportunity to perfect their art of service playing and conducting.

Weston Noble, director of music activities at Luther College in Decorah, Iowa, will present a workshop on choral rehearsal techniques, using the Pennsylvania Collegiate Choral to demonstrate.

James Moeser, dean of the College of Arts and Architecture and one of the country's premier concert organists, will conduct a workshop on improvisation and one on the music of Cesar Franck.

Mr. Noble, who was named the outstanding music educator in the United States in 1989 by the national Federation of High School Associations, is internationally known as a conductor and clinician.

Dean Moeser is vice president of the American Guild of Organists, the principal association for organists in this country with a membership of more than 20,000. In addition to his administrative duties at Penn State, he maintains an active performing schedule throughout the United States and in Europe.

For more information about the conference, contact Arthur Dervaes, 248 Calder Way, University Park, 865-1759. To register for the conference, contact William Steiner, 410 Keller Conference Center, University Park, 865-9173.

Holiday card

The Penn State Bookstore on campus is offering Penn State holiday cards at a special price. The cards have a sketch of the main gate on the front and the message "Seasons Greetings and Best Wishes for a Happy New Year" inside.

The Bookstore is offering a special price

to University departments purchasing large quantities of cards - 30 cents per card (net price, no further departmental discounts apply). Orders for 50 or more cards are requested. The Bookstore also has available, in the store, boxes of 10 Penn State holiday cards, which departments may purchase.

Use a standing order number or limited order to reserve holiday cards by Oct. 13 to ensure that cards will be received by Dec. 1.

For more information, contact Shirley Baney or Stephanie Luther at 863-2512 or 863-3558, or Elizabeth Wilson at 863-3250.

The arts on Channel 3

"Love Songs" are featured on *Fred Wang's America* airing at 9 p.m. Saturday, Sept. 30.

"Streets of Crocodiles" is an extraordinary work of puppet animation which conjures up a mysterious world of miniature cityscapes and ambiguous rituals performed in a dusty shop tended by blank-eyed porcelain-faced tailor dolls. The work airs at 10 p.m. Sunday, Oct. 1, on *Alise from off Center*.

In Performance at the White House, airing at 9 p.m. Wednesday, Oct. 4, is the second of three programs hosted by President and Mrs. Bush that are planned around the celebration of national holidays and keyed to the theme of the patriotic song "The House I Live In." This program celebrates Columbus Day, with ethnic music reflecting the arrival of all immigrants to American shores.

HUB Galleries exhibit

"The Vietnam Veterans Memorial: A National Experience" from the Smithsonian Traveling Exhibition Service, sponsored by the Office of Unions and Student Activities with the support of the Equal Opportunity Planning Committee, will be on display in the Formal Gallery of the Hetzel Union Building at University Park from Sept. 30 to Oct. 29.

The exhibition consisting of photographs depicting major events surrounding the commemoration of the Vietnam Veterans Memorial between 1982 and 1984, adds a depth of understanding to the significance of the American experience in Vietnam. It is dedicated to all who served their country and to those who lost someone to the war.

Augmenting this exhibition is a display in the Art Alley Cases of personal memorabilia of the Vietnam War, organized by Bob Doyle, Stewart Koonitz and A.J. Turgeon.

On Oct. 7, from 1 to 4 p.m., in the Hetzel Union Gallery Lounge, the public is invited to participate in a special program organized by the Veterans of the Vietnam War, Post 22, Inc., the Association of Penn State Veterans Alumni and the Penn State Veterans Organization and hosted by the Hetzel Union Galleries. The schedule includes a slide presentation of events occurring around the Memorial and the Moving Wall, an open meeting, reception and commemorative ceremony.

For more information about the exhibit or program, contact the HUB Galleries at 863-0611, 312 HUB.

Bookshelf

M. Lee Upratt, assistant vice president for counseling services, is co-editor with John N. Gardner, University of South Carolina vice chancellor, of *The Freshman Year Experience*.

The book presents comprehensive, practical guidelines for developing strategies, programs and services that will foster students' educational programs and adjustment to campus life in the pivotal first year of college. Written primarily for college presidents, academic administrators, student affairs administrators or faculty members, the book devotes individual chapters to how institutions can be more responsive to the needs of blacks,

Hispanics, women, returning adult students, student athletes and commuters.

"The real challenge for colleges and universities will be diversity," Dr. Upratt says. "They can no longer think of freshmen as 18-year-olds right out of high school."

"Colleges must develop better enrollment and orientation programs and services to help provide the new type of freshman with every opportunity to succeed, just like they did for freshmen who preceded them."

The book also provides specific information on all aspects of developing and ensuring the success of effective freshmen programs and services.

University Park Calendar

September 28— October 8 Special Events

Thursday, September 28
 Bach's Lunch Concert, 12:10-12:30 p.m., Eisenhower Chapel, Penn State Saxophone Quartet.
 Social History Colloquium, 3:45 p.m., Rare Books Reading Room, Pattee Library. Kathy Peiss, Univ. of Mass., on "Placing Women in the Social History of Leisure." Refreshments 3:15 p.m.

Spanish, Italian, Portuguese Lectures, 8 p.m. 101 Kern, Frank W. Medley Jr., Univ. of South Carolina, on "Language, Literature and the Myth of Sisyphus: Making Mole Hills Out of Mountains."
 School of Music, 8 p.m., Recital Hall, Trombone Choir and Tuba/Euphonium Ensemble.

Friday, September 29
 Geog. Coffee Hour, 4 p.m., 319 Walker. Richard Alley on "Summer in Greenland at 30 Below: What It's Like and Why We Put Up With It." Refreshments 3:30 p.m.

School of Music, 8 p.m., Recital Hall, Sylvan Trio, Koya Ohmoto, piano, Los Duran, violin; Claudia Koide, cello.
 School of Visual Arts, 8 p.m., Schwab Aud. *The Man Who Gave Comm in Wislota* (dance performance).

Saturday, September 30
 Shaver's Creek, 9 a.m.-4 p.m., Zipping Your Way to New Self-Awareness. Call 863-2000.
 Center for the Performing Arts, 2 and 8 p.m., Eisenhower Aud. "Swan Lake" from Ballet West.

Sunday, October 1
 Penn State Tennis Center opens for the season. Hours are 8 a.m.-9 p.m. Call 865-1381 for court reservations.

Shaver's Creek, 1-4 p.m., View from the Graveyard (Neogeography Can Be Fun). Call 863-2000.
 History Talk, 2:30 p.m., Palmer Museum of Art. Hugh T. Manchester on "Belle Font." Carnegie Hall Film Series, 7 p.m., 4 Carnegie. *Tout Le Monde Du Monde All The Best: Art Call Paris/La Maitrise* 8:30 p.m. Uebel (1953). Free.

Monday, October 2
 Comp. Lit. Luncheon, 12:15 p.m., 101 Kern. Robert Doyle on "The Captivity Narrative in the Vietnam War." Refreshments served.
 German films, 8 p.m., 101 Chambers. *Romance in a Moon-Kin Romance* in Moll (1943).

Tuesday, October 3
 Kent State, Penn State, American College Personnel Association, Student Affairs Seminar Series, 6-9:30 p.m., 5 Pattee Library, "Ethical Leadership and Institutional Loyalty." Pre-registration, Cont. Ed., 865-3443.
 Campus Life Assistance Center, Student Concerns, 7:30 p.m., HUB Ballroom, "Rape: Is It Here? Let's Talk," a student-to-student discussion; open to Univ. community.

Wednesday, October 4
 Center for the Performing Arts, 8 p.m., Eisenhower Aud. *Liz Story and Montreux: An Evening with Windham Hill*.

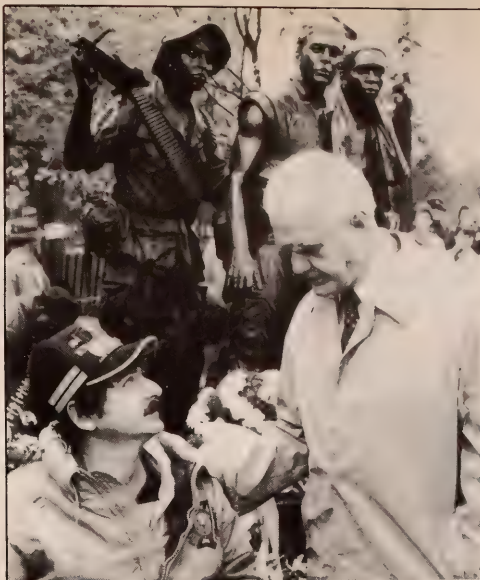
Thursday, October 5
 Women of Color Luncheon, noon-1 p.m., Hotel State College.

Bach's Lunch, 12:10-12:30 p.m., Eisenhower Chapel, Nittany Trombone Quartet.
 Office of Religious Affairs, 7:30 p.m., 112 Kern. "To Defend a Killer," Legal Ethics and Retributive Justice, videotape.
 Center for the Performing Arts, lecture, 7:30 p.m., 12 Sparks. Market Theatre of South Africa.

Friday, October 6
 Geog. Coffee Hour, 4 p.m., 319 Walker. April Veness, Univ. of Delaware, on "Victims and Opportunists: How Wilmington's Homeless Make Do and Make Over Their World." Refreshments 3:30 p.m.
 Shaver's Creek, 9:30 p.m.-10 a.m., Adventure Series: Night Life, through Oct. 7. Call 863-2000.

Center for the Performing Arts, 8 p.m., Schwab Aud. "You Strike the Woman, You Strike the Rock," Market Theatre of South Africa.

Sunday, October 8
 Shaver's Creek, 9 a.m.-4:30 p.m., Climbing From the Cowpath: A Look At Challenge, 2-4 p.m., Traditional Wild Herbs. Call 863-2000.
 Carnegie Hall Film Series, 7 p.m., 4 Carnegie. *Alphabets, Goodmother, The Fall and the Last, Fox, Mox and a Wonderful Heart of Age, What, A Nice Girl Like You*, 8:45 p.m., *Street of Shame* (1956).



The photo "General Westmoreland" by Dane Penland is included in the Hetzel Union Building Gallery exhibit "Vietnam Veterans Memorial: A National Experience."

International Events

Workshop
 A workshop for department heads, graduate admissions officers and others who work with international students will be held three times in Room 105 Hetzel Union Building, 10 to 11 a.m. Wednesday, Oct. 25, 10 to 11 a.m. and 1-2 to 3 p.m. Thursday, Oct. 26. It will focus on new procedures for monitoring academic progress and establishing duration of degree programs, new earlier admissions deadlines for international students; and coordinating the Office of International Students' orientation with departments' orientations and testing.

Program, academic program director: Dr. Albert A. Vicerie, assistant dean and director of executive programs and assistant professor of business administration

Seminars

Thursday, September 28
 Physics Colloquium, 3:30 p.m., 55 Osmond Lab. Tom Wylar, Vanderbilt on "A Brief History of the Significance of The Vacuum."
 Ecology, 4 p.m., 111 Warkit. Timothy Kimmel on "Conservation of Northern Goshawks in Pennsylvania."

Friday, September 29
 Agronomy, 3:35-4:25 p.m., 111 Tyson. Leonard Ganeson on "Pesticide Data and Its Use in Policy Evaluations."
 Speech Communication Colloquium, 4:40 p.m., 200 Chambers. Michael C. Left, Northwestern Univ., on "Ancient Rhetoric and the Principle of Decorum."

Monday, October 2
 Marker Lectures in the Physical Sciences, Nobel laureate Chen Ning Yang, SUNY Stony Brook, 8 p.m., 119 Osmond Lab, on "Symmetry—Evolution of a Concept Through the Centuries." Oct. 3, 4 p.m., 117 Osmond Lab on "Genesis of Maxwell's Equations." Oct. 4, 4 p.m., 55 Osmond Lab, on "The Yang-Baxter Equation." Oct. 5, 3 p.m., 117 Osmond Lab on "High Energy Collisions."

Tuesday, October 3
 LFO Research Committee Colloquium Series, 9:45 a.m., Reference Lecture Room University Libraries. Sally Kalin on "The Challenges of

For information about Penn State arts and calendar events and the weather, call 863-1234 and follow the directions given in the recorded message.

Working With Remote Access Users to Online Catalogs."

Gerontology Center Colloquia, noon-1 p.m., 101 Health and Human Dev. East Daniel Walden on "The Aging of Saul Bellow: In Life and in Fiction." Refreshments served.

Chemistry Colloquium, 3:30 p.m., 55 Osmond Lab. James B. Anderson on "Quantum Chemistry by Random Walk."

CAMP, 4 p.m., 150 Davey Lab. J. McKelvey on "Delectic Relaxation."

Biology, 4 p.m., 8 Mueller Lab. Brenda G. Leitch on "Chus State Univ."

Thursday, October 5
 College of Ag. faculty staff orientation workshop, 8:10 a.m.-5 p.m., Assembly Room Nittany Lion Inn.

Econometrics workshop, 2:30 p.m., 420 Kern. Insan Tunali, Cornell Univ., on "Duration Analysis of Fertility Patterns in Malaysia."

Physics Colloquium, 4:30 p.m., 55 Osmond Lab. Stewart Smith, Princeton, on "Rare Kaon Decays."

Ecology, 4 p.m., 111 Warkit. Charles H. Hocutt, Univ. of Maryland, on "An Analysis of the Behavior of Striped Bass on the Spawning Grounds of Choptank and Nanticoke Rivers, Maryland."

Friday, October 6
 Agronomy and Ag Econ., 3:35-4:25 p.m., Eisenhower Chapel, Fritzell Room. Steven Schrader on "Computation Facilities."

Kappe Environmental Engineering, 3:35-5 p.m., 127 Sackett. William R. Knoke, Va. Polytechnic Inst. and State Univ., on "Removal of Iron and Manganese by Oxidation and Adsorption Processes."

Exhibits

Chambers Gallery
 School of Visual Arts. Prints and Medallions, through Oct. 13.

HUB Galleries
Art Alley Cases:
 Clay in Process by the SCASD Community Education pottery class, through Sept. 29
 Items from the Pasto Agricultural Museum, through Nov. 3
 Selected Memorabilia from the Vietnam War, through Nov. 3.

Art Alley Panels:
 Ink Meets Paper by Craig Anzelowicz with Nigel through Sept. 29

Browsing Gallery:
 Kathleen Fox Ragsdale, Fleets, through Nov. 3

Microscopes: The Hidden Art of High Technology, sponsored by AT&T through Nov. 8.

Formal Gallery:
 Vietnam Veterans Memorial: A National Experience, through Oct. 29.

Kern Galleries
 Denise Anrew, through Sept. 28

Palmer Museum of Art
 Turn-of-the-Century European Posters from the Museum's Collection, through Nov. 5

Ceramics from Penn State Collections, through Nov. 19

Bellevue College, through Oct. 22.

Pattee Library
East Corridor Gallery:
 Joenne Rath, Simplification of Form, through Nov. 17

Lending Services:
 Kevin Sick, paintings, through Oct. 20.
Rare Books Room:

The World and the Italian Architect in conjunction with the Art History lecture series, through Oct. 27

Zoller Gallery
 Neopunkeddie Invitational Exhibit, through Sept. 30.

Student Affairs Seminar Series is set

Theme of the 1989-90 Student Affairs Seminar Series, sponsored by the University in cooperation with Kent State University and the American College Personnel Association, is "Into the Nineties: Value Premises, Promises, and Perils." The following programs will be offered:
 Tuesday, Oct. 3, "Ethical Leadership and Institutional Loyalty," Tuesday, Oct. 17, "Family Tie: Support or Pathology?"
 Dennis Heizmann, director, Counseling and Psychological Services; Tuesday, Nov. 7, "Of Town and Gown: The Resurrection of Community Service." J. Thomas Eakin,

assistant vice president for student programs.

Tuesday, Nov. 28, "How Safe Will Our Campuses Be?" Amy Reynolds, University Counseling Service, University of Iowa; Tuesday, Dec. 12, "Freedom of Speech vs. Human Dignity on Campus," Pat Peterson, assistant vice president for campus life.

All sessions will be held from 10 to 9:30 p.m. in Room 5 of Pattee Library at University Park. Pre-registration is requested. Contact Continuing Education at 102 Wagner Building, 865-3443, for more information.

Appointments

Judith F. Dunn, professor of human development and an international authority on sibling relationships, has been named director of the Center for the Study of Child and Adolescent Development.

She replaces Richard M. Lerner, professor of child and adolescent development, who founded the center in 1984 and recently completed a five-year term as director.

Dr. Dunn, a faculty member in the Department of Human Development and Family Studies since 1986, is well known for her research on the social and personality development of the young child within the family. Much of her work focuses on siblings, particularly their differences and the way they influence one another.

She has written six books, including *Sisters and Brothers: Siblings, Love, Loss and Understanding* (with Carol Kendrick), and *The Beginnings of Social Understanding*, all published by Harvard University Press.

Before coming to Penn State, Dr. Dunn was a senior scientist with the Medical Research Council at the University of Cambridge, England, for 12 years, and spent a year as a Fellow at the Center for Advanced Study in the Behavioral Sciences, Stanford, Calif.

The Center for the Study of Child and Adolescent Development promotes research in the physical, social, and emotional development of children and adolescents. It was created to encourage collaboration among University faculty members involved in research in child and adolescent development and is part of an international network of scholars and institutions involved in similar research.

Although based in the College of Health and Human Development, the center is interdisciplinary, involving more than 80 researchers from 21 different departments in six colleges. In addition to Health and Human Development, faculty from the Colleges of Arts and Architecture, Earth and Mineral Sciences, Education, Liberal Arts, and Medicine are affiliated with the center.

Charlene Harrison has been appointed acting director of the Returning Adult Student Center. She replaces Barbara Copland, who has assumed the position of acting director of Student Programs and Services at Penn State Shenango Campus.



Judith F. Dunn

Ms. Harrison, who most recently served as the director of the Campus Life Assistance Center Off-Campus Programs in the Division of Campus Life, will direct and coordinate programs and services for returning adult students at University Park.

The Returning Adult Student Center serves as an entry-re-entry point for students who have delayed starting or interrupted college for a lengthy period of time. It is located at 133 Boucke Building, and is open from 8 a.m. to 8:30 p.m. Monday through Thursday and from 8 a.m. to 5 p.m. on Friday. The office may be reached at 863-3887.

A. Renee Mims has been named coordinator of graduate admission at Penn State Harrisburg. She has been a graduate admissions counselor at Penn State Harrisburg since January 1989.

She joined the University staff in 1978, serving as an extension agent in the Penn State Cooperative Extension Dauphin County program for two years. She was named 4-H county coordinator in 1980. In 1986 Ms. Mims served four months as interim executive director of the Pennsylvania Friends of 4-H.

Ms. Mims holds a bachelor's degree in agricultural sciences from Cornell University and a master's degree in agricultural and extension education from Penn State.



A. Renee Mims

She is a member of the Penn State Alumni Admissions Committee and the Board of Directors of the Harrisburg Area American Red Cross.

Wendy J. McCrory Rotz has been appointed senior development officer for the Libraries, and is responsible for major fund-raising activities.

She had been associate director of Annual Giving in the Division of Development and University Relations, where she oversaw telefund, direct mail, reunions and matching gifts programs.

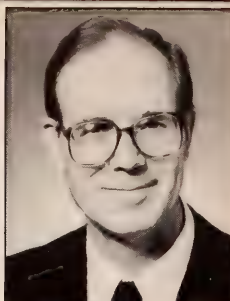
Before this, she served in the division as interim director of annual giving, and as assistant director of regional giving.

Before coming to the University, she served as coordinator of the annual fund for the Shippensburg University Foundation. She also served for nearly two years as borough manager in Penbrook.

She holds a bachelor's degree in government administration and a master's degree in public administration from Shippensburg University.

William D. Taylor, professor of biophysics, has been named associate dean for research and graduate education in the College of Science.

He succeeds Gary Mullen, associate dean for the Commonwealth Educational System and Continuing Education, who had served,



William D. Taylor

in addition, as acting associate dean for research since May 31.

A specialist in the study of radiation effects, Dr. Taylor is primarily interested in organisms' molecular level responses to radiation and chemicals that sometimes lead to cancer.

Dr. Taylor was trained as a physical chemist earning his bachelor's and doctoral degrees at Manchester University in his native England. He joined the University faculty in 1963 as assistant professor of biophysics.

He was named associate professor in 1968 and professor in 1971. He served as head of the Department of Biophysics from 1971 to 1975, and from 1975 to 1983 was associate head of the Department of Biology, Biochemistry, Biophysics and Molecular and Cell Biology after his department merged into that unit.

At Penn State, Dr. Taylor served on numerous college, department, graduate school and Faculty Senate committees. He was chairman of the Faculty Senate in 1972-73.

He is a member of the Radiation Research Society, the Biophysical Society, the American Society for Photobiology, the American Society of Biological Chemists, the American Society for Microbiology and the American Association for the Advancement of Science.

Penn Staters

John J. Henry, professor of mechanical engineering and director of the Pennsylvania Transportation Institute, and **James C. Wambold**, professor of mechanical engineering and director of the Institute's Vehicle Interaction and Safety Program, presented a paper at Transpo '89 in Beijing, China.

James Keiser, associate professor of hotel, restaurant and institutional management in the College of Health and Human Development, recently visited the South Glamorgan Institute of Higher Education in Cardiff, Wales, as a senior lecturer where he spoke on American hospitality education at Llandrindod, provided consultation to the Wales tourist board and taught regular hotel and restaurant management courses.

Gary L. Lilien, professor and acting chairman of management science, served as program chairman and presented a paper, "Success Factors in Research: Science or Science Fiction," at the 10th International Research Seminar in Marketing at La Londe Les Maures, France.

R.V. Ramani, professor and head of the Department of Mineral Engineering, spoke on "Mining the World's Mineral

Riches." **Craig Bohren**, professor of meteorology, gave a presentation on "Colors in Nature," and **Ljubisa R. Radovic**, assistant professor of fuel science, spoke on "Fuel Science" at the Speakers' Forum at the 40th International Science and Engineering Fair held in Pittsburgh.

Della M. Roy, professor of materials science at the Materials Research Laboratory, gave the keynote presentation on "Concrete Microstructure and Its Implications for Concrete Performance and Durability" at a seminar at G.M. Idorn Consult, Birked, Denmark. Dr. Roy presented papers on "Low Temperature Chemically Bonded Ceramics" at the Fifth Scandinavian Symposium on Material Science and on "Advances in Silicate Cements" at Recent Advances in Chemically Bonded Ceramics, both in Copenhagen. In Sweden, she presented a seminar on "Recent Advances in Cementitious Materials Based on Silicates" at Chalmers University in Goteborg; a talk on Studies of Advanced Cements and Concrete Microstructure at the Cement and Concrete Institute; and a paper on Phosphates and Cements Applications at Biomaterials at the Karolinska Institute, both in Stockholm.

Barry E. Scheetz, senior research associate of the Materials Research Laboratory, spent the month of April lecturing and consulting at Tongji University in Shanghai. He visited China as a consultant for the International Advisory Panel of the Chinese University Development Project, an organization sponsored by the World Bank and administered by the National Academy of Science.

Dan P. Silverman, professor of European history, has received a research fellowship from The German Marshall Fund of the United States, an independent organization established in 1972 through a gift from the Federal Republic of Germany as a memorial to the Marshall Plan. He will conduct archival research in the Federal Republic of Germany during a sabbatical leave.

Jack Sulzer, senior assistant librarian, was elected assistant chair/secret of the American Library Association's Government Documents Round Table for the 1989-90 term.

David B. Van Doornmelen, professor emeritus of art education and fiber arts, had a metallic weaving accepted for the "Small Expressions 89" exhibition held at the Salt Lake City Art Center.

July 28-Sept. 17. The 10- by 7-inch piece, titled "Gold Crosswords," is composed of spray-painted gold metallic foil. It is the second time he has had a piece accepted for the international show of miniature weaving and fiber arts.

Albert A. Vicere, assistant dean of the College of Business Administration and director of executive education, has been named to the Academic Advisory Board-Human Resources with the Dushkin Publishing Group, Guilford, Conn.

Christine A. White, assistant professor of history, has received a 1989-90 postdoctoral research fellowship in Soviet and East European Studies from the Hoover Institution on War, Revolution and Peace in Stanford, Calif. Her research is an investigation of Soviet-Japanese economic relations as they concern Japanese investment and technological assistance programs for the joint economic development of Siberia and the Soviet Far East.

Stephanie Doores, associate professor of food science, has been elected secretary-treasurer of the food microbiology division of the Institute of Food Technologists.

Partings

Ernest Betcke, assistant professor of economics at Penn State Ogontz Campus, has retired after 22 years service.

Dr. Betcke, who joined the Ogontz faculty in 1967, has been active in campus affairs and is a past recipient of the campus's prestigious Chief Ogontz Award.

A cum laude graduate of the State University of New York at Albany, Dr. Betcke earned a master's degree in economics from Penn State and a doctorate from Temple University.

Kenneth Maxwell, senior extension agent with Penn State Cooperative Extension in Mercer County, has retired after 38 years service.

Mr. Maxwell began working for cooperative extension in 1951, and worked his way up from assistant agent to become an associate agent in 1956. He was named senior extension agent—the highest rank a Pennsylvania cooperative extension agent can achieve—in 1984.

His favorite part of the job was participating in Farm Show each year. "It was like a winter vacation," he recalled.

The biggest change he has seen over the last 38 years with extension is the transition from postal service to telephone as the main method of communication between county offices and University Park.

"When I started with extension we sent letters when we needed to reach somebody," he said. "It used to be a big event when we had to use the telephone to call State College, but now we use computers and electronic mail daily."

Mr. Maxwell lives in Mercer with his wife Dorothy. Now that he will have more free time, he plans to devote it to working around his property.

William C. Knepp, community service officer for University Safety, has retired after 35 years of service.

He began working at Penn State in 1946 in the Department of Landscape and Agriculture. In 1947, he entered the army and returned to Penn State to work in University Safety.

Mr. Knepp is a life member of the Boalsburg Fire Co. and a life member of the Purple Heart in Boalsburg. He also is a

member of the Veterans of Foreign Wars of Pine Grove Mills.

Jutta B. Rose has retired as assistant budget supervisor in the Commonwealth Educational System after 22 years of service.

Ms. Rose received her bachelor's degree in German from Penn State in 1976 and also completed her master's degree course work in counselor education.

Starting in the Office of Student Aid in 1967, she has worked in several University offices including Accounting Administration and Continuing Education.

After retirement, her plans are to take over the management of her husband's business, Oak Hall Water System in State College.

Ms. Rose and her husband live in State College. They have two daughters, Anita and Constance. "I plan to spend a lot of time enjoying my grandson, Ryan, after I retire," she said.

Albert J. Miller, librarian at Penn State New Kensington Campus, has retired after

20 years service.

Prior to joining the New Kensington staff, Mr. Miller worked for 10 years at Butler Area Senior High School as head librarian.

A graduate of Geneva College, he took advanced training in librarianship and information sciences at the University of Chicago, Michigan State University, and University of Michigan. He also was invited by the American Library Association to be a consultant for the 1963 World's Fair in Seattle.

Mr. Miller, a trained bibliographer, currently is working on a revised edition of *Death: A Bibliographical Guide* and an annotated bibliography that deals with eschatology and related topics. His earlier publications include *Confrontation, Conflict and Dissent* and a *Selective Bibliography of Existentialism in Education and Related Topics*.

He plans to spend his retirement in doing research.

Maximilian Braune, assistant professor, Agriculture, from Sept. 1, 1958, until June 21.



Ernest Betcke



William C. Knepp



Albert J. Miller



Jutta B. Rose

Faculty/Staff Alerts

Job announcements

The Employment Division has begun announcing employment opportunities available at Penn State on WPSX, Pennama, and C-Net (Centre Network Cable Channel 24).

These announcements are an extension of the Penn State Job Information Service which we announced in the July 13, 1989, issue of the *Penn State Intercom*. "Billie S. Willis, assistant vice president for human resources, said, "The Job Information Service has been highly successful. Our office has received many positive comments about this new service."

The service is being expanded to air on WPSX-TV and Pennama. WPSX announcements will be aired at 7 and 11 p.m. Thursdays. Pennama announcements will be aired four times a day on Mondays, Wednesdays, and Fridays at 6 a.m., noon, 6 p.m., and midnight. On Tuesdays, Thursdays, and Saturdays, the announcements will be broadcast four times daily, at 8 a.m., 2 p.m., 8 p.m., and 2 a.m.

C-Net announcements started being listed on Friday, Sept. 22. These public announcements will be listed periodically throughout the day from Friday through Tuesday of each week. C-Net coverage is available to viewers in Centre County who are subscribers to TCI of Pennsylvania.

According to Milt Trask, manager, Employment Division, "The purpose of these announcements is to provide information on some of the University's employment opportunities, and to refer viewers and listeners to the Penn State Job Information Service. Viewers may call 865-JOBS for additional job listings.

"This expanded service will increase the

University's outreach in communicating employment opportunities."

VADD plan reaches milestone

On Oct. 1, the Voluntary Accidental Death and Dismemberment plan will be 25 years old. Since its introduction in 1964 the plan, which has been very popular with Penn State faculty and staff members, has undergone a number of improvements.

Initially, the monthly premiums for \$10,000 of single and family coverage were \$.50 and \$.70 respectively. After a series of rate reductions because of favorable claims experience, the rates are now \$.30 and \$.49 respectively.

In 1964 the maximum benefit was \$100,000. Today, it is \$300,000. The total disability benefit for employees was added in 1960. In 1979 benefits were expanded to provide coverage for loss of speech and hearing and thumb and index finger. The seat belt benefit was added in 1986.

Additional changes and improvements will be implemented this year. They are: — Benefits for faculty/staff and spouses over age 70. The principal sum will be a percentage of the under age 70 benefits as follows: Ages 70-74, 82.5%; ages 75-79, 57.5%; ages 80-84, 37.5%; ages 85+, 20.0%.

— The Permanent Total Disability benefit will be available for employees up to age 70.

— The common disaster benefit will include a \$500,000 maximum benefit payment for any one accident.

Over the years there has been a consistent participation rate of 75% by Penn State faculty and staff members in the VADD plan.

During October membership or coverage in this plan may be changed. One or more of the following actions may be taken during October: change the dollar amount of insurance coverage, change from individual coverage to family coverage or vice versa, enroll in the plan as a new member, or withdraw from the plan.

To accomplish any of the changes, obtain a VADD change form from your personnel representative or director of business service, complete it and send it to the Employee Benefits Division, 205 Rider Building, by Oct. 31. Changes will become effective Nov. 1. No action is needed to continue your current coverage.

PANET telephone lines

Faculty and staff members are reminded that the University PANET telephone lines (sometimes referred to as "network" or "wide area") are toll lines just like any other long distance lines.

University departments receive direct monthly billings indicating for each call

made the time and date of the call, the number from which the call was placed, the number called and the length and charge for the call.

PANET calls should be treated as any long distance call and used strictly for University business. Unauthorized use of University lines for personal long distance calls is a misuse of University funds and will be viewed accordingly.

Everyone's cooperation is necessary to keep costs to the University for telephone service to the minimum possible.

Tuition Reduction

This is to remind you that the 75% tuition reduction for graduate study for employees and spouses is taxable as ordinary income. Ordinary income is subject to withholding of all payroll related taxes.

For the Fall Semester, these taxes will be withheld from the October, November, and December monthly payroll checks and from the live bi-weekly pays beginning Nov. 3, and ending Dec. 29.

Obituary

Joseph R. Cardenuto, professor emeritus of agricultural economics and rural sociology, died Sept. 10. He was 65.

A graduate of the University of Buffalo, he earned a master's science degree in recreation from Indiana University in 1951 and a doctor of education in communications from the University of Pittsburgh in 1977.

He joined the Penn State faculty Jan. 6,

1952. A cooperative extension recreation specialist, he retired June 30, 1988.

Dr. Cardenuto was a member of the National Rural Family Recreation Seminar Development, National Recreation and Park Society, Pennsylvania Recreation and Park Society, and American Camping Association.

He helped organize the Pennsylvania Farm and Vacation Association. He also helped to organize the Pennsylvania Campground Owners Association and was an honorary life member.

Nobel laureate will present Marker lectures

Nobel laureate Chen Ning Yang, Albert Einstein professor of physics and director of the Institute of Theoretical Physics at the State University of New York at Stony Brook, will give the 1989 Russell Marker Lectures in the Physical Sciences Oct. 2 through 5 at University Park.

The four free lectures are sponsored by the College of Science and are open to the public.

The lecture schedule is as follows: "Symmetry - Evolution of a Concept Through the Centuries," 8 p.m. Monday Oct. 2, Room 119 Osmond Laboratory; "Genesis of Maxwell's Equations," 4 p.m. Tuesday Oct. 3, Room 117 Osmond Laboratory; "The Yang-Baxter Equation," 4 p.m. Wednesday Oct. 4, Room 55.

Osmond Laboratory; and "High Energy Collisions," 3 p.m. Thursday, Oct. 5, Room 117 Osmond Laboratory.

In addition to winning the 1957 Nobel Prize, Dr. Yang also has been honored with the Albert Einstein Commemorative Award, the Rumford Prize, the National Medal of Science, and the Liberty Award.

He is a member of the National Academy of Sciences, the Brazilian Academy of Sciences, the Venezuelan Academy of Sciences, and the Royal Spanish Academy of Science.

Dr. Yang, who also is Distinguished Professor-at-Large at the Chinese University, Hong Kong, earned his doctoral degree in 1948 at the University of Chicago.

The Marker Lecture series was established in 1984 through a gift from Russell Marker, professor emeritus of chemistry, whose pioneering synthetic methods revolutionized the steroid hormone industry and opened the door on the current era of hormone therapies, including the birth control pill.

The Marker endowment also allows the College of Science to present annual Marker Lecture series in astronomy, chemical sciences, genetic engineering, and mathematics.



Chen Ning Yang

Staff Vacancies

The following vacancies for positions vacant at staff exempt or staff non-exempt have been listed with the University Employment Division for filling.

The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304.

NETWORK LINE ASSISTANT Applications for these staff vacancies will be accepted until Oct. 5, 1989. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment practices (FEI) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age as provided by law, sex or status as a disabled or Vietnam era veteran.

• Project and Data Specialist, Penn State Harrisburg - Responsible to the director of the Pennsylvania State Data Center at Penn State Harrisburg for performing a variety of activities including computer programming, data base management and collection, statistical analysis and report writing. Requires bachelor's degree or equivalent in urban and regional planning and up to one year of effective experience. Experience in computer applications, programming languages, e.g. FORTRAN, COBOL, etc., and statistical software packages, e.g. SAS, etc. is highly desirable. THIS IS A FIXED TERM POSITION, FUNDED THROUGH JUNE 30, 1990 WITH EXCELLENT PROBABILITY OF RE-FUNDING. STAFF GRADE 4.

• Demographic Services Coordinator, Penn State Harrisburg - Responsible to the director of the Pennsylvania State Data Center at Penn State Harrisburg for developing population estimates, providing customer services in the area of state and federal population projections and estimates, and coordinating and participating in special demographic studies. Requires bachelor's degree or equivalent in urban and regional planning or public administration plus over one year up to and including two years of effective experience. Working knowledge of applied population programming and languages such as FORTRAN, COBOL, etc., and statistical software packages is highly desirable. Master's degree preferred. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1990 WITH EXCELLENT PROBABILITY OF RE-FUNDING. STAFF GRADE 6.

• Clinical Nurse Specialist, University Hospital, Four Diamonds Nursing Administration, Hershey

Medical Center - Responsible to the chief of the Division of Pediatrics, Hematology/Oncology, and assistant director, Maternal Health Nursing, for providing expertise and education as well as certification/re-certification of nurses and residents on chemotherapy and central line technique. Serve as a consultant, collaborator, educator, clinician, researcher and change agent for Pediatrics, Hematology/Oncology. Requires master's degree in nursing, or equivalent, with current license to practice nursing in Pennsylvania plus one to two years effective experience to include pediatrics and pediatric hematology/oncology and administration of chemotherapy. Must be chemotherapy certified by Department of Nursing, or ready to be certified. STAFF GRADE 7.

• Supervisor, Outpatient Scheduling, Registration, University Hospital, Department of Outpatient Services, Hershey Medical Center - Responsible to the assistant director, Outpatient Services, for supervising the day-to-day operations in the Pre-Registration and Centralized Scheduling Registration areas such as: lounge, training and evaluation of staff as well as setting performance standards in all areas to include practice sites. Requires bachelor's degree or equivalent in business or health care administration or computer science plus one to two years of effective experience. STAFF GRADE 6.

• Director of Development, Division of Education and University Relations, College of Earth and Mineral Sciences, University Park Campus - Responsible to the executive director of university development for all fund-raising programs and related activities for assigned college or campus of the University. Requires bachelor's degree or equivalent in marketing, communications or related fields, plus four to five years of effective experience in fund raising in a nonprofit environment with evidence of skill in verbal and written communications. Travel required. STAFF GRADE 9.

• Physician-in-Charge, Women's Health, Student Services, University Health Services, University Park Campus - Responsible to the associate director of UHS/Clinical Services, University Health Services for providing office gynecological services to students, and directing the activities of nurse practitioners and physician assistants. Requires a doctor of medicine or osteopathy degree from an accredited school of medicine or osteopathy, board certified board eligible in gynecology, licensed to practice medicine in the state of Pennsylvania, and four to five years of previous effective experience. STAFF GRADE 10.

• Operations Coordinator, Computer and Information Systems, Office of Telecommunications, University Park Campus - Responsible to the operations manager of transmission and operations for overseeing and controlling the installation, operation and maintenance of the transport system switches and terminal equipment at University Park and other statewide locations. Requires associate degree or equivalent trade training, plus two to four years of effective experience in telecommunications. Must have thorough knowledge of installation and maintenance of telecommunications transmission systems. Experience with telephone company operations, central office switching, TDX systems and interbuilding and intrabuilding transmission systems. Additional experience preferred in supervision of the placement of conduit, coaxial cable, fiber optic cable and voice processing systems. A strong background in voice technology is desired. STAFF GRADE 6.

• Budget and Auditing Assistant, Computer and Information Systems, Office of Telecommunications, University Park Campus - Responsible to the accounting personnel coordinator for compilation, interpretation and recommendation of budget changes. Develop and perform internal audits. Assist in preparation of annual budgets, budget forecasting and preparation of various reports. Requires bachelor's degree in accounting or other related business field plus one to two years of effective experience.

effective experience. Knowledge of forecasting methods a plus. Emphasis on understanding of telecommunications industry and terminology. STAFF GRADE 5.

• Graphic Designer, University Arts Services, Center for the Performing Arts, University Park Campus - Responsible to the graphic design supervisor, Center for the Performing Arts, for the design and preparation of artwork for a wide variety of materials adhering to established time limits and maintaining the highest quality standards possible. Requires bachelor's degree, or equivalent, in graphic design plus one to two years of effective experience in graphic design. Excellent communication and organizational skills required. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1989, WITH EXCELLENT PROBABILITY OF RE-FUNDING. STAFF GRADE 5.

• Counseling/Advising Assistant, Commonwealth Educational System, Hazleton Campus - Responsible to the director of academic affairs for providing supportive counseling and advising services to students and for conducting a variety of activities to promote academic, social and personal development of cultural diversity at the Hazleton Campus. Requires bachelor's degree, or equivalent, plus one to two years of effective experience preferably in counseling/advising multicultural students. STAFF GRADE 6.

Campus advisory search group is named

A Campus Advisory Search Committee has been appointed to identify candidates for the position of campus executive officer at Penn State Ogontz Campus. **Lita L. Schwartz**, professor of educational psychology at Penn State Ogontz Campus, is committee chair.

Members are **Jane E. Cooper**, associate professor of biology, Penn State Delaware County Campus; **Lawrence S. Cote**, center executive officer, Penn State Great Valley; **Marlowe Froke**, general manager, Media and Learning Resources and WPFX-TV; **Dinah Olsen**, clerical employee; **Wesley A. Olsen**, associate professor of physical education; **James F. Smith Jr.**, associate professor of English, and **Inna Sklovsky**, secretary of the Student Government Association, all at Penn State Ogontz.

Campus **James B. Stewart**, director of Black Studies.

The campus executive officer is the chief administrative officer of the campus and is responsible for administering all University programs and maintaining close community relationships.

Candidates should have an earned doctorate, several years of experience in college/university teaching and responsible and substantial experience in academic administration. Nominations and applications, including two copies of resume, should be sent to Richard E. Grubb, senior vice president and dean, Commonwealth Educational System, 111 Old Main, Dept. CHE, University Park. Applications and nominations will be received until a suitable candidate is selected.

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William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

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FLEXIBLE BENEFITS

The University is expanding its flexible benefits plan for 1990. See the story on page 3.

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University designated Space Grant College by NASA

The University has been named one of 17 Space Grant Colleges/Consortia by the National Aeronautics and Space Administration.

The National Space Grant College and Fellowship Program, which was approved by Congress in 1987, will establish a national network of universities with interests and capabilities in aeronautics, space and related fields.

Penn State is one of three universities individually designated as a Space Grant College. The Massachusetts Institute of Technology and the University of Washington were also individually designated as Space Grant Colleges. A total of 78 institutions are embraced by the other 14 consortia as part of the Space Grant College program.

Penn State's grant is for five years and \$1.25 million and is renewable. Beginning in fiscal 1990, each of the Space Grant Colleges/Consortia also will receive \$100,000 annually to support the Space Grant Fellowship program.

"We are very pleased that NASA has chosen Penn State as a Space Grant

Penn State is one of three universities individually designated as a NASA Space Grant College.

College," said Charles L. Hosler, senior vice president for research and dean of the Graduate School, who will oversee the University's program. Wesley Hymen is director of the program, Sylvia Stein is executive director, and Richard McCarl is in charge of the fellowship program.

"Our program will encourage more students from grade school through university to enter aerospace-related disciplines," Dr. Hosler said. "It will also create the public understanding and enthusiasm necessary to sustain and build the U.S. aerospace program."

The University's program will draw from the widely diverse aerospace-related

projects already under way on campus and will use some of the existing outreach programs while creating new, interdisciplinary approaches for educating students and the public.

Space-related research currently is under way in the College of Engineering, College of Earth and Mineral Sciences, College of Medicine, College of Science and College of the Liberal Arts. Other projects are being carried out by interdisciplinary institutes and centers on campus.

New programs designed for the Space Grant College include the Space Grant Fellowships which will stress aerospace-related topics and an interdisciplinary approach. For undergraduate students, there will be "Space -- the Last Frontier," a course for non-science majors that will expose students to the wide diversity of subjects and opportunities in space-related fields.

The Summer Aerospace Laboratory Experience will bring talented and gifted junior and senior high school students to Penn State for a four-week research project in NASA-funded laboratories.

WPSA-TV, producer of the nationally

recognized "What's in the News," a current events show for 4th, 5th and 6th grade students, will produce 12 15- to 20-minute "What's in the News About Space" segments during the next five years.

Two existing programs will expand to include aerospace-related projects. The College of Engineering's Cooperative Engineering Education Program, which provides work experience for students while in college, will consider students in aerospace-related areas from all of the colleges.

The University Scholars Program will incorporate three aerospace-related laboratory spots in its research program for undergraduates.

The University will bring information to the public through a speakers bureau coordinated with the Community Education Program and the Community Access to Science and Energy Program that provide presentations throughout Pennsylvania.

The Energy and Technology Program for Schools also will offer presentations about space to schools through the Commonwealth

New guide helps to plan cultural awareness programs

A new guide for planning cultural awareness programs prepared by a University staff member is helping colleges and universities nationwide deal with diversity issues.

"Maximizing the Benefits of a Culturally Diverse Campus Environment: Models for Planning and Implementing Effective Programs," produced at Penn State for the American College Personnel Association, has undergone pilot testing nationwide and is gaining widespread acceptance. **Leila V. Moore**, developer of the model, said.

The planning model guides professionals in matching cultural awareness materials with the level of personal awareness of the people participating in awareness training. Dr. Moore, assistant director, Center for Student Involvement and Leadership, said.

For example, she may recommend beginning a program with a traditional lecture format for one group and a hands-on participatory approach for another group.

"The key to dealing with diversity issues on our campuses is understanding the stages of awareness that we all go through as members of minority and majority groups and knowing where our people are coming from. When we know that, we can tailor programs to suit different

groups," she said.

"This is a simple concept, but it's the thing that most often defeats cultural awareness programs on a national level. Programs that do not match the level of awareness of a particular group are not going to be successful. Since campuses have all levels of people, we need to be relentless in developing a variety of approaches."

She added that no single approach will work to improve the climate for all racial groups.

"You have to know the people on your campus. There is no such thing as a canned program that will work at any location."

The development of assessment instruments of majority and minority awareness was critical to this program. Dr. Moore said. Art Costantino, director of the Center for Student Involvement and Leadership, and Terrell Jones, associate director of campus life, were instrumental in developing these self-assessment tools. They were involved as trainers and were helpful with refinement of the program.

The model is presented in a one-day workshop, and participants are given a 200-page manual to use in preparing programs for their specific institutions. Dr.

Moore developed the model under the sponsorship of the American College Personnel Association and with the cooperation of her office, the Center for Student Involvement and Leadership.

J. Thomas Eakin, assistant vice president for student programs, and Dr. Costantino "were extremely supportive of the project, adopting it as an office goal and enabling Penn State to coordinate the past year's effort," she said.

Dr. Moore, who serves as co-chairperson of ACPA's standing committee responsible for professional development, spent one year reading and looking at cultural awareness models before deciding that a generalized approach could be developed to get people started in designing programs for their campuses.

"We piloted the approach twice and revised it based on the feedback we got. We tried to screen out approaches that call for specialized trainers and stuck with materials that can be presented by most professionals. Last December, we started presenting the program to professionals across the country," she said.

Nearly 900 professionals participated in the one-day workshop. Teams of four trainers presented the workshop.

(Continued on page 3)

Changes are made in United Way solicitation program

Penn State employees at University Park will note a variety of changes in the annual United Way solicitation program this fall, including a new confidential statement payroll deduction form, and a late October campaign.

These and other changes are the result of an in-depth analysis of United Way fund raising at University Park. More than 30 faculty, staff and administrators representing the major administrative areas took part in the study under the leadership of United Way of America professionals.

The study, conducted in conjunction with the Centre County United Way, was essentially a brainstorming session to identify problems, concerns and perceptions, and to suggest ways to design and improve supportive materials and training about United Way. In addition, confidential interviews with representatives from all job classifications, including the president, were included in the final report.



The campus/community study is being used by United Way of America as a model for improving and implementing United Way programs at colleges and universities across the country. In early 1990, United Way of America, with University cooperation, will continue its evaluation by conducting a random survey of the attitudes of employees in all job classifications at the University and a

sample group within Centre County.

University Park employees will see the following major changes taking place in this fall's United Way campaign.

- Redesigned payroll deduction form in a pre-audited, confidential format
- Redesigned payroll change form to be used at other times of the year
- Return of forms directly to University Payroll Office

- Increased information about local United Way agencies, their services, and how they help people with the dollars contributed

- Campaign conducted at end of October

- Campaigns tailored to each major administrative unit's particular needs

- Increased training for United Way volunteers

The University Park United Way campaign, chaired this year by William C. Richardson, executive vice president and provost of the University, will start with volunteer training in each administrative area between Oct. 9-20. Volunteers will contact University employees throughout the campus between Oct. 30 and Nov. 8 to deliver the confidential contribution forms and answer questions. The advanced gifts campaign for approximately 300 administrators will take place in early October.

Focus on Diversity

Diversity Opportunities Calendar

Saturday, Oct. 7

Ethnic foods, music, dance, crafts and fun will be the focus at a Penn State and the Centre Region host the first town and gown festival to promote cross-cultural interaction. The event will take place at the Fraser Street Post Office from 10 a.m. to 7 p.m.

Activities include the 2nd annual Chili Challenge sponsored by the American Indian Student Association and musical performances by Earthtones. Passport.

Deacons of Dixie, the Voices of Unity choir and Penn State's United Soul Ensemble. The day-long event is sponsored by the Academic Assistance Program Council in association with Centre Region of Governments, the Downtown Business Association and the State College Area School District. Registration forms for the Chili Challenge are available at 320 Rackley.

Saturday, Oct. 14
Promotion and tenure will be the topic of

the first in a series of faculty development workshops sponsored by the office of Minority Faculty Development this semester from 9 a.m. to noon in 101 Kern Graduate Building. Harold Cheatham, associate professor of education, will be the speaker. Reservations may be made by contacting Leah Witzig at 863-1003 by Friday, Oct. 6.

Monday, Oct. 16
Ester Newton, professor of anthropology at State University of New York, will deliver

a lecture titled "The Fun Gay Ladies." Lesbians in Cherry Grove, 1938-1961" at 8 p.m. in the HUB Assembly Room. The presentation is sponsored through EOFC funding and the Department of Human Development and Family Studies. It is co-sponsored by the Center for Women's Studies, Black Studies, Women's Studies, the Paul Robeson Cultural Center and the School of Communications.

Fellowships are offered for American Indian students

The University is offering master's degree fellowships for American Indian students interested in special education training.

"Students from various states, including North Dakota, Wisconsin, Arizona, New Mexico, New York and North Carolina, have graduated from the program that was established in 1963 through a U.S. Department of Education grant," Anna Gajar, associate professor of special education and program director, said.

The program is affiliated with Penn State's nationally recognized Native

American Leadership Program.

The American Indian Special Education Teacher Training Program is designed to prepare American Indian teachers to effectively work with mentally and physically handicapped American Indian children. Seminars focusing on American Indian education are conducted in conjunction with the Native American Leadership Program.

Participants in the program will receive a monthly stipend of approximately \$650, dependency allowance, remission of tuition

and a textbook allowance.

Graduates will receive a master of education degree in special education. Depending upon application qualifications, the course of study will involve at least a one-year commitment.

After graduation, participants will be qualified for several employment opportunities, including special education teacher, special education program coordinator and consultant, special education program developer and special education positions within the Bureau of

Indian Affairs.

The deadline for submitting applications for Spring Semester, which begins January 1990, is Nov. 15. The application deadline for Fall Semester 1990, which begins August 1990, is April 15, 1990. Applications for both semesters are now being accepted.

For more information, write to Dr. Gajar, American Indian Special Education Teacher Training Program, Penn State University, 226B Moore Building, University Park, Pa. 16802, or call (814) 862-2284.

Students take part in academic program

Eighty-three minority students from Pennsylvania high schools participated in a free summer academic program at seven of Penn State's campuses.

The Minority Advanced Placement Program, now in its fifth year, is one of several Penn State programs offered to encourage qualified minority students to attend the University.

MAPP is sponsored by the College of Health and Human Development and offers educational opportunities to minority students interested in the health professions. In addition to introducing them to college-level coursework, the program is designed to prepare students for entry into college

life.

Students receive career counseling as well as instruction in study skills, reading comprehension, writing skills and computer applications.

By completing introductory courses taught by Penn State faculty, students also earn from three to six college credits, which can later be applied to degree requirements at Penn State or another college or university.

MAPP is offered to students at the following campuses: Beaver, Berks, Delaware County, McKeesport, Ogontz, York and Penn State Erie. The Behrend College.

Program participants must have completed their junior year in high school and must have a high school scholastic average of "B" or above. The results of the Preliminary Scholastic Aptitude Test and recommendation from a high school teacher or counselor also are criteria for eligibility.

Approximately 60 percent of the cost of MAPP is funded by the U.S. Department of Health and Human Services; the rest is funded by Penn State's Equal Opportunity Planning Committee.

actor Daniel Valdez star in *Corridos: Tales of Passion and Revolution* a theatrical presentation of traditional Mexican-American folk-ballads or "Corridos" airing at 10 p.m. Friday, Oct. 6, on WPSX-TV. Drawn from real-life occurrences, the corridos, called the "singing voice" of people around the Mexican-American border, tell of actual events and personalities.

Every Sunday morning at 11:30 a.m., WPSX-TV presents *Tom Brown's Journal*. Using a studio audience format, Tony Brown, who has 20 years of experience as an interviewer, reporter, and commentator presents timely documentaries and interviews contemporary newsmakers whose concerns are of special interest to the black community.

WPSX-TV programs

Singer Linda Ronstadt, ballerina Evelyn Cisneros, actor Clancy Brown and singer/

The Campaign for Penn State

Murata Manufacturing makes gift for professorship

Murata Manufacturing of Kyoto, Japan, in conjunction with Murata Erie of North America Inc., a manufacturer of electronic components, has donated \$250,000 for a professorship in the Materials Research Laboratory.

The professorship will be held by the laboratory's recently appointed acting director **Stewart K. Kurtz**.

"Murata's support will enable us not only to expand our work in inorganic nonmetallic ceramic materials, but will help

to shape the next generation of researchers and leaders," Mr. Kurtz said. "It will play a significant role in advancing the technology of electronic ceramics materials, particularly of the high reliability, which is essential for advanced semiconductor circuitry."

Mr. Kurtz spent nine years at Bell Laboratories, where he was responsible for much of the earlier Bell Laboratories work on nonlinear optical materials. He is the co-inventor of the Kurtz and Perry nonlinear optical crystals. After nine years as director

of explanatory research at North America Philips, he joined Bristol Myers Co. in 1978. He became the Materials Laboratory's associate director in 1987.

He has research interests and experience in the fields of display technology, solid state lasers, materials and device reliability, grain growth and microstructure in ceramics, physical properties of self-organizing biological materials, and the new high temperature superconductors.

Georgia-based Murata Erie of North

America has more than 700 employees at its State College facility, where it makes "surface-mount" ceramic electronic components. These components permit a new generation of technology and permit very rapid automatic assembly onto circuit boards.

The Murata gift can be used for research expenses, education and travel expenses, graduate assistantship stipends, salary supplements and secretarial support.

Business Administration gets Mellon Bank gift

Mellon Bank Corp. has given \$150,000 to support studies of entrepreneurship by the College of Business Administration.

Of this \$150,000 will endow the Mellon Bank Faculty Fellowship, which will be used to analyze and encourage successful entrepreneurship. The remaining \$50,000 will support periodic Mellon Enterprise Forums, to begin during the current academic year.

The Mellon donation supports the University's recent initiatives in economic development. Penn State has established a business incubator on the University Park Campus and plans to create a technology park nearby.

"We want to develop more knowledge of entrepreneurial activities, especially those new businesses spun off from University research," David Allen, assistant professor of business administration and director of the forums, said. "Long-range studies of other new businesses are also planned."

The Mellon faculty fellow will coordinate various research projects, and the results will be shared with the entrepreneurial community in Central Pennsylvania at the enterprise forums, Dr. Allen said. The forums also will be videotaped, edited and offered for instructional use.

A similar idea, "The Automation

Forums" has been successfully used by the college's Center for the Management of Technological and Organizational Change for seven years, Dr. Allen noted.

"The Mellon gift clearly reflects some of the significant structural changes which have taken place in the economy, the importance of small businesses and the newsworthy successes of many," J.D. Hammond, dean of the College of Business Administration, said. "Our strong research culture positions us to develop the academic base of entrepreneurship and to transfer our work to the private sector."

Mellon, based in Pittsburgh, has offices in Central Pennsylvania.

Bookshelf

Susan T. Evans, research associate in the Department of Anthropology, is editor of the monograph *Evolutions at Chulucupan* (Vanderbilt University Publications in Anthropology, No. 36), a collection of articles about archaeological research she directed at an Aztec period village in Mexico.

Carpooler

Nancy is organizing a vanpool for the Centre Hall area and people who work from 8 a.m. to 5 p.m. Call her at 865-7620.

Faculty Senate News

The University Faculty Senate will meet at 1:30 p.m. Tuesday, Oct. 10 in Room 112 Kern Graduate Building at University Park.

At the next meeting

- Forensic Session on Cultural Diversity and the Curriculum (to begin at 3 p.m.)
- Summary of Student Petitions by College, Unit, Location
- The Use of Faculty Expertise in Physical Planning
- Plans for Strategic Planning
- Summary of Petitions for Waiver of

the 10 Credit Limit for Nondegree Conditional Students (Student Policy 14-00)

- Informational Report on Awards and Scholarships
- Annual Report of President's Planning and Budget Advisory Committee
- Grading at Hershey Medical Center
- Annual Report of Committee on Faculty Rights and Responsibilities
- Annual Report from the Joint Committee on Insurance and Benefits
- Facilities Planning Advisory Board
- Faculty Salary Comparisons-Penn State vs. Similar Institutions

Mathematicians will present lectures

Armand Borel, professor of mathematics at the Institute for Advanced Study, Princeton, and Victor Kac, professor of mathematics at the Massachusetts Institute of Technology, will present the first Boris Weisfeiler Lectures at 3 p.m. Friday, Oct. 6, in Room 112 Osmond Laboratory at University Park.

The lectures, sponsored by the Department of Mathematics, honor Boris Weisfeiler, professor of mathematics at Penn State, who disappeared on a hiking trip in Chile in December 1984. The lectures are open to the public free of charge.

Drs. Borel and Kac, who knew and worked with Dr. Weisfeiler, will offer personal remembrances as well as lectures on mathematical topics.

Dr. Kac is well known for his work in representation theory. He is, perhaps, best known for the Kac-Moody algebras which recently have found application in physics.

In addition to his appointment at the Institute for Advanced Study, Dr. Borel is professor of mathematics at the Swiss Federal Institute of Technology.

For more information on the Weisfeiler Lectures, call the Mathematics Department, 865-7527.

Obituaries

James R. Buchanan, associate professor of orthopaedic surgery at the Hershey Medical Center since July 1, 1978, died Sept. 25 at the age of 42.

Allen St. Clair, retired director of purchasing, died Sept. 18 at the age of 79. He joined the University staff July 1, 1950, and retired Oct. 1, 1971.

Cultural awareness

(Continued from page 1)

in nine locations across the country.

The program will be presented for a second year beginning Oct. 20 with a workshop for members of the Pennsylvania College Personnel Association, a division of the American College Personnel Association.

"We're now surveying participants to find out how they have applied the workshop materials back home. Our initial responses are showing that people are using or planning to use programs at their campuses this fall," Dr. Moore noted.

When the workshop is presented, trainers tell participants that cultural awareness programs will not calm campus tensions; that these programs may, in fact, provoke conflict. But conflict, she says, is welcome, because it produces growth and change.

Alumni Fellow to visit in Agriculture

Samuel F. Minor has been named an Alumni Fellow in the College of Agriculture. He will be visiting campus Oct. 11-13. The University community is invited to a reception for him from 3 to 4 p.m. Oct. 11 in 301 Agriculture Administration Building.

While at University Park, he will visit a number of graduate and undergraduate classes, discussing agricultural careers and participating in seminars.

Since 1975, he has devoted his time to his 433-acre farm and 70 cows, the milk processing operation of a producer-handler and his family retail store and restaurant, "The Spring House," in Washington, Pa.

After earning his bachelor of science degree in farm management from Penn State in 1960, he worked for the American Guernsey Cattle Club as a field representative and later worked as a field representative for the New York Artificial Breeders Cooperative and as field operations manager for Eastern Breeders Cooperative. He also worked for Carnation Genetics in California before returning to Pennsylvania and buying his current farm.

He maintains his ties with Penn State as past president of Penn State Cooperative



Samuel F. Minor

Extension, Washington County Executive Committee and the Penn State Washington County alumni association. He currently is the Penn State delegate to the National Council on Agricultural Research, Extension and Teaching.

Parents' weekend will be held Oct. 6-8

The University's annual Parents' Weekend—specially designed for parents of Penn State freshmen—will be held Oct. 6-8 at University Park.

President Jordan will discuss issues of concern to parents of Penn State students at the President's Convocation for Parents at 1 p.m. Sunday, Oct. 8.

Fourteen museums, galleries and special collections will hold a special open house Saturday and Sunday, Oct. 7 and 8. The museums, with exhibits ranging from art to

insects, will be open from noon to 4 p.m. both days.

The weekend's featured entertainment includes stand-up humorist Robert Klein, performing at 8 p.m. Saturday, Oct. 7, in Eisenhower Auditorium, and the Market Theatre Company of South Africa's performance of "You Strike the Woman, You Strike the Rock" at 8 p.m. Friday, Oct. 6, in Schwab Auditorium.

Other activities scheduled include campus tours, and an information fair and ice cream social.

Diversity workshop scheduled

Planning and developing programs on cultural diversity will be the theme of a one-day workshop on Friday, Oct. 20, at the Keller Conference Center, University Park.

"Participants in the American College Personnel Association's model program will have the opportunity to brainstorm and exchange experiences with other professionals, as well as participate in a hands-on presentation dealing with how to create and use cultural awareness programs," Judi Curley, on-site coordinator for the conference, said. She is an academic adviser in the College of Business Administration and a member of the PCPA Multicultural Affairs Committee.

Up to 100 professionals from throughout the state are expected to attend the workshop, which will be primarily conducted by several Penn State-based trainers, under the sponsorship of the Pennsylvania College Personnel Association.

"The workshop is geared for student affairs administrators and professionals — those who deal directly with students and/or the administration," Ms. Curley said.

The workshop trainers are University staff members Terrell Johns, associate director of campus life, and Art Costantino, director, and Leila Moore, assistant director, Center for Student Involvement and Leadership; and John Mueller of Temple University.

News in Brief

Math conference set

Mathematicians from Europe, Canada and the United States will participate in the Penn State Conference on Operator Algebras and Connections with Conformal Quantum Field Theory and Statistical Mechanics Oct. 10-14 in the Keller Conference Center at University Park.

The conference, which is open to the public free of charge, is sponsored by the Department of Mathematics and is supported, in part, by a grant from the National Science Foundation.

Conference organizers include Richard Herman, professor and head of the Department of Mathematics; Joel Anderson, professor of mathematics, and Adrian Ocneanu, professor of mathematics. For more information, contact them at 865-7527.

Tropical Studies Symposium

Pedro Sanchez, professor of soil science and coordinator of the Tropical Soils

Research Program at North Carolina State University will be the guest speaker at the third annual Penn State Tropical Studies Symposium at 7:30 p.m. Wednesday, Oct. 11 in Room 112 Walker Building at University Park.

Dr. Sanchez, who will discuss "The Sustainable Use of Tropical Forests," also will speak to members of the Tropical Studies Symposium between 1:30 and 3:30 p.m. in Room 406 Walker. He will be available for open discussion to interested students and faculty in Room 319 Walker from 9:30 to 11:30 a.m.

Dr. Sanchez, a native of Cuba, has dedicated his professional career to improving the management of tropical soils for sustained food production and protection of the natural resource base. He is the author of *Properties and Management of Soil in the Tropics* and editor of seven other books.

His visit is sponsored by the Office of the Vice President for Research. For

further information, contact L. Yapa 321 Walker, phone 865-1187/1433.

NASW chapter formed

Faculty and staff members have formed a Penn State Chapter of the National Association of Science Writers. The group will meet for lunch and program planning on the last Wednesday of each month.

Anyone interested in science communication is welcome to attend. To make a reservation for the next meeting on Oct. 25, call Barbara Hale at 863-4082 by Oct. 20.

Public lecture

Donovan J. Ochs, professor of communication studies and rhetoric at the University of Iowa, will give a public lecture titled, *Demonsthenes: Superior Orator and Victorious Monomaniac* at 4:30 p.m. Friday Oct. 20 in Room 100 Chambers at University Park.

Dr. Ochs will be sponsored by the Speech Communication Department and the Institute for the Arts and Humanities Studies.

Faculty/staff fitness classes

Openings remain in the following Recreational Sports Faculty/Staff Fitness Classes: Fitness Over 40, 5:30 to 6:30 p.m. Monday, Wednesday and Friday; White Building, 60+ Shape-Up, 5:30 to 6:15 p.m. Monday, Wednesday, and Friday; White Building; Advanced Toning and Tightening, 5:30 to 6:30 p.m. Tuesday and Thursday; White Building; Aquasize, 5:30 to 6:15 p.m. Monday, Wednesday and Friday; IM Building.

Classes are open to faculty staff, spouses and retirees. For more information, call Patti Kenney at 865-5401.

Focus on the arts

Featured author

The Penn State Bookstore on Campus will feature Kenneth R. Bettel, who will sign and discuss his new book *Zen and the Art of Pottery* (Weathervill, 1989) from noon to 2 p.m. Friday, Oct. 6.

Dr. Bettel taught in the Department of Art Education at the University for 31 years. He is professor emeritus of art education and fellow emeritus of the Institute for the Arts and Humanistic Studies.

As an artist-scholar, he has written books about the dignity and discipline of craftsmanship: *The View of the Potter: East and West in the Great Tradition* (1985), *Mind and Craft in the Art of Pottery* (1972) and *Alternatives to Art Education Research* (1973).

The public is invited to attend the author signing session. A 20-percent discount will be offered on *Zen and the Art of Pottery* which celebrates pottery and serves as a practical guide to its techniques, during the book-signing.

The arts on Channel 3

The story of Western art is a story of wide-ranging achievements. It also is a tale of the remarkable people, vibrant places, and fervent times.

These stories and others, encompassing more than 2,000 years of artistic expression, come alive in *Art of the Western World*, a new nine-part series premiering at 2 p.m. Saturday, Oct. 7. Filmed at more than 140 locations in 10 countries, the series combines the talents of nine filmmakers noted for their films on arts with the expertise of distinguished scholars in television's first attempt to capture and celebrate the artistic heritage of the West.

Choreographers and dancers as diverse as Harold Nicholas, Keith Terry, Ellen Fisher, Blondell Cummings, Sally Hess and The Mechanical Force create and perform "hand dances" for director Skip Blumberg's "Dancing Hands" airing at 10 p.m. Sunday, Oct. 8 on *Arts from the Center*.

Ceramics exhibit

"Penn State Ceramics," an exhibition of 20th-century works by Japanese, English, Dutch, Danish and American ceramists, will open Sunday, Oct. 8 at the Palmer Museum of Art at University Park. It will continue through Nov. 10.

The exhibition includes 60 pieces from the Museum's permanent collection and also works by David DonTigny, Beryl Matthews and Brent Oglesbee, professors in the School of Visual Arts. It complements the two-day conference, "Clay in the East: Black and White in Clay" scheduled for Friday and Saturday, Nov. 10 and 11, at the Keller Conference Center at University Park.

The exhibition is free and open to the public. For more information, contact the Museum at 865-7672.

Zoller Gallery exhibit

Clay in the East V, an exhibition of functional and sculptural contemporary ceramics, will be featured Oct. 9 through Nov. 11 at Zoller Gallery in the Visual Arts Building at University Park.

The exhibition will display works in clay by graduate and undergraduate ceramic students from schools along the east coast.

Zoller Gallery is open Monday through Friday 9 a.m. to 5 p.m., Saturday 11 a.m. to 4:30 p.m., and Sunday noon to 4 p.m.

Performance set

Steven Smith, pianist and professor of music in the School of Music, will perform a mixed program of solos and chamber music with colleagues Joanne Zagst, Raymond Page and Leonard Feldman at 8 p.m. Monday, Oct. 9, in the Recital Hall of the Music Building at University Park.

The performance includes Beethoven's "Pathétique" Sonata, Op. 13 and Debussy's



Helen Manfull is shown in a scene from "Mother Courage" opening Oct. 13 and running through Oct. 21 in the Playhouse Theatre.

"Images," Second Series, a set of three solo pieces. Professors Zagst, Page and Feldman will join Professor Smith for Brahms' Quartet in A Major, Opus 26.

Odyssey on WPSU

The I'kung Bushman language is extremely strange to an English speaker. It uses very few adjectives or adverbs, replacing them with "an astounding vocabulary of verbs," explains anthropologist Pat Draper on the new edition of "Odyssey Through Literature."

The "Kung language is only one subject Ms. Draper and her husband, anthropologist Henry Harpending, introduce Leonard Rubinstein to an open episode called "Gertrude Stein was a 'Kung.'"

"Odyssey Through Literature" is produced by the Comparative Literature Department and airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Evening of songs

Suzanne Roy, soprano and professor in the School of Music, and Cecilia Dunoyer, pianist, will present an evening of songs by Faure, Bellini, Rossini, Verdi, Richard Strauss and opera arias by Granados and Bellini at 8 p.m. Wednesday, Oct. 11, in the Recital Hall of the School of Music at University Park.

Ms. Roy will be assisted by music faculty members June Miller, organist; Eleanor Duncan Armstrong, flutist; Barry Kroeber, oboist; and flute graduate student, Elizabeth Sharp, in excerpts from Bach's St. Matthew Passion, St. John Passion and Magnificat.

Art history lecture

John Shearman, professor of fine arts at Harvard University, will present the lecture "Giulio Romano and Castiglione" at 8 p.m. Wednesday, Oct. 11, in the HUB Assembly Room at University Park.

The lecture is the third in the 1989-90 series "The World and the Italian Architect: Native Images and Reflections Abroad," sponsored by the Department of Art History and the Institute for the Arts and Humanistic Studies. This year's series is dedicated to Hellmut Hager, head of the Department of Art History.

Romano has been described as a "learned, bold, sure, capricious, varied, abundant and universal" architect. Dr. Shearman, a scholar who is internationally known for his work on the art of the Renaissance, has published widely on Raphael and early Renaissance artists.

A reception for Dr. Shearman will be held after the lecture in the library of the Department of Art History, Room 132 Arts Building.

Bach's Lunch

The Hi-Lo's, a select group of about a dozen singers from the Penn State Glee

Club will give a performance that includes Scottish and Irish folk songs at 12:10 p.m. Thursday, Oct. 12, in Eisenhower Chapel at University Park. The 20-minute concert is part of the fall Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

Organ concerts

Three free organ concerts are being presented in conjunction with the third annual Penn State Conference on Organ and Church Music.

A special Christmas in October concert will be held at 8 p.m. Thursday, Oct. 12, in Grace Lutheran Church, State College.

Organists James C. Mosser, dean of the College of Arts and Architecture, and Susan Dickerson, School of music faculty member, and the combined choirs of St. Paul's United Methodist and Grace Lutheran churches will present a service modeled after the famous Kings College, Cambridge University, Christmas program performed in England annually.

Michael Farris, chosen by *Musical America* magazine as one of "25 of today's young performers headed for tomorrow's stardom," will present a concert at 8 p.m. Friday, Oct. 13, in Grace Lutheran Church.

The program will include the Concerto in D minor and Prelude and Fugue in D Major by Bach, Fugue in A-flat minor by Brahms, Sonata III by Hindemith, Choral I in E Major by Franck and selections from Symphony VI by Widor.

URTC opens season

The University Resident Theatre Company (URTC) will open the 1989-90 season with a production of "Mother Courage" by Bertolt Brecht at 8 p.m. Friday, Oct. 13, at the Playhouse Theatre at University Park.



Suzanne Roy, soprano and professor in the School of Music, will present an evening of songs with pianist Cecilia Dunoyer at 8 p.m. Oct. 11 in the Recital Hall.

Additional performances are scheduled for Saturday, Oct. 14, and Tuesday, Oct. 17 through 21, with a matinee at 2 p.m. Saturday, Oct. 21.

Chronicling the Thirty Years' War, which ravaged Europe during the 17th century.

"Mother Courage" presents war from the personal perspective. Carole Brandt, chairperson of the Department of Theatre, directs the production.

The role of Mother Courage will be played by Helen Manfull, professor of theatre arts. The supporting cast includes graduate and undergraduate students.

"Mother Courage" is a joint project of the College of Arts and Architecture, the Department of Theatre and WPSU-TV with assistance from the School of Communications. For information on tickets, call the Eisenhower Auditorium Box Office at 863-0255.

P.D.Q. Bach

Peter Schickel and his cohorts, Dana Krueger and Peter Lurje, bring the jazz performance of "The Intimate P.D.Q. Bach" to Eisenhower Auditorium at University Park at 8 p.m. Saturday, Oct. 14.

In addition to the sight gags and on-stage clowning, Mr. Schickel and company combine wit with musical skill to produce a satirical look at classical music. All of the performers are serious musicians. Mr. Schickel, also a composer, has an advanced degree from the Juilliard School of Music.

Tickets are available at the Eisenhower Auditorium Ticket Office and the Playhouse Box Office.

New lecture series

Concert-goers at Penn State can now broaden their understanding of performances they will attend through "Artistic Viewpoints," a new lecture series being offered by the Center for the Performing Arts.

The series includes 12 lectures preceding selected upcoming Center performances. These lectures are free and open to the public. Several lectures will be conducted by the artists: others will be given by Penn State faculty members.

The Center hopes to enhance the artists' performances by lending expert insight and in-depth perspective to audience members through the lecture and an open discussion.

Topics of discussion during the artist lectures range from the cast of the Market Theatre of South Africa, describing their true-life experiences with apartheid, to Leon Bates speaking about the unusual combination of piano playing and body-building. Members of the Colorado String Quartet and dancer Jennifer Muller will discuss their experiences as women in the performing arts, as well as their particular performance choices.

Bookshelf

Donald Kunze, assistant professor of architecture, is co-editor of *Commonplaces: Essays on the Nature of Place*, published by University Press of America.

The book is a collection of papers presenting diverse views from the First Commonplace Conference on the Philosophy of Place held in 1986 at Penn State. The conference included philosophers, architects, geographers, literary critics, historians, rhetoricians and aestheticians who met to exchange ideas and criticisms.

The volume is a first of its kind in bringing together a unique interdisciplinary understanding of the cultural function and nuance of place. It should be of special interest to philosophers in the phenomenological tradition and to students of rhetoric, architecture and landscape architecture.

John Balaban, professor of English, and photographer Geoffrey Clifford have collaborated on *Vietnam: The Land We Never Knew*, published by Chronicle Books, San Francisco.

Professor Balaban wrote the 50-page text, while Mr. Clifford contributed more than 125 color photographs, all taken since 1985. *Vietnam: The Land We Never Knew* gives readers a new perception of Vietnam as a land of spectacular scenery and vibrant people. It places the country and the war in an historical context.

Mr. Clifford, a helicopter pilot during the war, has returned four times to Vietnam during the past three years.

Professor Balaban was a conscientious objector during the Vietnam War. He received his bachelor's degree from Penn State and his master's degree from Harvard University. His first book of poetry, *After Our War*, was the winner of the 1974 Lamont Selection of the Academy of American Poets and was nominated for the National Book Award in 1975.

University Park Calendar

October 5— October 15 Special Events

Thursday, October 5
Women of Color Luncheon, noon-1 p.m., Hotel State College.
Bach's Lunch, 12:10-12:30 p.m., Eisenhower Chapel, Nittany Trombone Quartet.
Office of Religious Affairs, 7:30 p.m., 112 Kern.
"To Defend a Killer," Legal Ethics and Retributive Justice, videotape.
Center for the Performing Arts, lecture, 7:30 p.m., 12 Sparks Market Theatre of South Africa.

Friday, October 6
Annual Parents' Weekend (for parents of freshmen), through Oct. 8 at University Park.
Office of Unions and Student Activities, Vietnam Program, talk, noon-1 p.m., Charlotte Ray Lounge (Fishbowl), HUB, Norman McDaniel and Giles Norrington, former POWs, on "Operation Homecoming."
H. Boris Weisfelder Lecture, 3 p.m., 112 Osmond Lab, Armand Borel, Inst. of Tech., Princeton; and Victor Kac, MIT. They will lecture on math topics and discuss Dr. Weisfelder.
Geog. Coffee Hour, 4 p.m., 319 Walker, April Venes, Univ. of Delaware, on "Victims and Opportunists: How Wilmington's Homeless Make Do and Make Over Their World." Refreshments 3:30 p.m.
Shaver's Creek, 6:30 p.m.-10 a.m., Adventure Series: Night Life, through Oct. 7. Call 863-2000.
Center for the Performing Arts, 8 p.m., Schwab Aud., "You Strike the Woman, You Strike the Rock," Market Theatre of South Africa.

Sunday, October 8
Shaver's Creek, 9 a.m.-4:30 p.m., Climbing from the Cowpath: A Look at Challenge, 2-4 p.m., Traditional Wild Herbs. Call 863-2000.
Carnegie Hall Film Series, 7 p.m., 4 Carnegie, *Alphabét, Grandmother, The Fat and the Lame, Two Men and a Warhorse, Hours of Age, What's a Nac Gae Like You*, 8:45 p.m., *Street of Shame* (1950). Free.

Monday, October 9
Comp. Lit. Luncheon, 12:15 p.m., 101 Kern.
Christine Clark-Evans on "Beyond Discourse: Mental Telepathy in Rabelais' *Abbaye de Thélème*," Refreshments provided.
Shaver's Creek, Junior Naturalists, 3:45-5:15 p.m. Also Oct. 11 and 13. Call 863-2000.
School of Music, 8 p.m., Recital Hall, Steven Smith piano.

Wednesday, October 11
Tropical Studies Symposium, 7:30 p.m., 112 Walker, Dr. Pedro Sanchez, N.C. State Univ., on "The Sustainable Use of Tropical Forests" Graduate Lecture Series, 4 p.m., 112 Kern.
Kenneth M. Weiss on "Medieval *Mayennah* and the Conceptual Map of Genetics." Refreshments and reception, 3:30 p.m.
Art History Lecture Series, 8 p.m., HUB Assembly Room, John Shearman, Harvard Univ., on "Giulio Romano and Castiglione." School of Music, 8 p.m., Recital Hall, Suzanne Roy, soprano.

Thursday, October 12
Bach's Lunch, 12:10 p.m., Eisenhower Chapel. The Hi-Lo's from the Penn State Glee Club. Conference on the History of Art Education, 1:30 p.m., Keller Aud., through Oct. 14.
Social History Colloquium, 3:45 p.m., Rare Books Reading Room, Pattee Library, Galen Cranz, Univ. of Calif., Refreshments served.
Spanish, Italian, Portuguese Lectures, 8 p.m., 101 Kern, Enrique Pupo-Walker, Vanderbilt Univ.,



'Vase' by Johan Van Loon is in the Palmer Museum of Art exhibition "Penn State Ceramics" opening Oct. 8 and running through Nov. 19.

on "The Findings and Fables of History: The Old World and the New."

Friday, October 13
URTC, *A Chronicle of the Thirty Years' War*, The Playhouse, through Oct. 21.
"Strengthening Our Commitment: A Faculty Workshop on Curriculum Integration." Registration: 11:30 a.m., Colonial Room, Nittany Lion Inn, Also Oct. 14, 8-30 a.m.; 1:30 p.m.
Geog. Coffee Hour, 4 p.m., 319 Walker, Audrey Rodgers on "The Urban Wasteland in the Poetry of William Carlos Williams." Refreshments, 3:30 p.m.
Shaver's Creek, Autumn Camp-out (for single parent families), 6:30 p.m.-10 a.m., Moonlight Canoe for Two, 7-10 p.m. Also Oct. 14. Call 863-2000.
Saturday, October 14
School of Music, 2:30 p.m., Recital Hall, Organ Conference, center, Pa. Collegiate Choral, Festival Concert.
Center for the Performing Arts, 8 p.m., Eisenhower Aud., *The Intimate PDQ Bach*
Sunday, October 15
Shaver's Creek, Wild Mushrooms, 2-4 p.m., Call 863-2000.
Carnegie Hall Film Series, 7 p.m., 4 Carnegie.
Zero for Conduct: A Day in the Country, 8:45 p.m., *Written on the Wind* (1956). Free.

Public Radio

WPSU-FM 91.1
"All Things Considered," Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m.
"Odyssey Through Literature," 12-130 p.m. Wednesdays, hosted by S. Leonard Rubinstein
"Creative License," 12:30 p.m. Thursdays, hosted by Cherie S. Lewis.

Conferences

Continuing Education

Keller Building

Oct. 9-11. Elements of Underground Coal Mining. Christopher J. Bise, associate professor of mining engineering, director.
Oct. 9-13. Field Training Officer, John F. Sullivan, assistant professor of administration of justice, chair.
Oct. 9-13. Practical Methods in X-ray Residual Stress Measurement, Eric Loop, coordinator.
Oct. 12-14. Organ and Church Music, James Mosser, dean and professor of music, chair.
Oct. 12-14. History of Art Education, Harlan Hoffa, associate dean and professor of art education, chair.
Oct. 15-17. Cooperative Vocational Education, George Ebert, instructor, vocational education chair.
Executive Programs
Oct. 29-Nov. 3. Penn State Management Program for Women, academic program director Shirley S. Hendrick, director of continuing education and assistant professor of business administration.

Seminars

Thursday, October 5
College of Ag. faculty/staff orientation workshop, 8:30 a.m.-5 p.m., Assembly Room, Nittany Lion Inn.
Econometrics workshop, 2:30 p.m., 420 Kern.
Isma Tunal, Cornell Univ., on Duration Analysis of Fertility Patterns in Malaysia.
Physics Colloquium, 3:30 p.m., SS Osmond Lab.
Stewart Smith, Princeton, on Rare Kairn Decays.
Ecology, 4 p.m., 111 Wark, Charles H. Houtt, Univ. of Maryland, on "An Analysis of the Behavior of Striped Bass on the Spawning Grounds of Choptank and Nanticoke Rivers, Maryland."

For information about Penn State arts and calendar events and the weather, call 863-1234 and follow the directions given in the recorded message.

Friday, October 6
Agronomy and Ag Econ, 3:35-4:25 p.m.
Eisenhower Chapel, Brizzell Room, Steven Schrader on "Computation Facilities."
Kappe Environmental Engineering, 3:35 p.m.
127 Sackett, William R. Knoke, V., Polychlorinated and State Triox. on Removal of Iron and Manganese by Oxidation and Adsorption Processes.
Monday, October 9
Entomology, 3:45 p.m., 204 Patterson, Rick Lindholm, Univ. of Wisconsin, on "Allochemicals and Enzymes as Determinants of Host Use by Tree Feeding Lepidoptera."
Tuesday, October 10
Gerontology Colloquium, 11 a.m., 101 Health and Human Development, East, Manfred Diehl on "Older Adults' Understanding of Prescription Drug Labels: Refreshments served."
CAMP, 4 p.m., 135 Davey, Jack McLeod, Univ. of Illinois, on "Superfluid Helium on Hydrogen."
Biology, 4 p.m., 8 Mueller Labs, Robert Bryan Hershey, Medical Center, on "A Journey into the Human Brain Using Positron Emission Tomography."
Thursday, October 12
Ecology, 4 p.m., 111 Wark, Nora L. Berwick, Coastal Resources Mgmt., USAID, on "USAID Perspectives on Biodiversity and Conservation Biology."
Friday, October 13
Agronomy, 3:35-4:25 p.m., 111 Tyson, Daniel Kneivel on "Corn Response to Acid Rain and Water Stress."
Tuesday, October 17
Physics Colloquium, 3:30 p.m., SS Osmond Lab, Steve Koonin, CalTech, on "Cold and Hot Fusion."

Exhibits

Chambers Gallery
School of Visual Arts, Prints and Medallies, through Oct. 13.
HUB Galleries
Art Alley Cases: Items from the Past Agricultural Museum, through Nov. 4.
Personal artifacts from the Vietnam War, selected by A.J. Ferguson (Dept. of Agronomy), Robert Doyle (American Studies) and Stewart Kowitz (Physical Plant), through Nov. 3.
Art Alley Panels: Kathleen Fox Ragusa, Eclectic, through Nov. 3.
Browsing Gallery: Microscapes: The Hidden Art of High Technology, sponsored by AT&T through Nov. 8.
Formal Gallery: Vietnam Veterans Memorial: A National Experience, through Oct. 29.
Kern Galleries
College of Engineering Research Exhibition, Oct. 9-31.
Palmer Museum of Art
Turn-of-the-Century European Posters from the Museum's Collection, through Nov. 5.
Ceramics from Penn State Collections, through Nov. 19.
Bellefleur Collections, through Oct. 22.
Pattee Library
East Corridor Gallery: Jorene Rath, Simplification of Form, through Nov. 17.
Lending Services: Kevin Smith, paintings, through Oct. 20.
Rare Books Room: The World and the Italian Architect (in conjunction with the Art History lecture series), through Oct. 27.
Zoller Gallery
Clay in the East, Oct. 9-Nov. 11.

Two get Academic Computing Fellowships

The Graduate School and the Office of Computer and Information Systems have announced the selection of two new Academic Computing Fellowship recipients.
The new fellows, **Robert Schuerman** and **Roberta H. Barba**, both in the College of Education, received the awards on the basis of outstanding professional and scholarly achievements.
Mr. Schuerman, an instructor of technical topics for the past 15 years, is researching the effectiveness of computer-based learning environments as part of his

doctoral studies. The focus of his work is to identify computer-assisted instruction strategies that give students control over the learning environment while preserving and improving the effectiveness of the instruction.
Ms. Barba, a primary and secondary education teacher for 20 years, is the author of four public-domain science education packages for elementary students and has written numerous articles about the use of computers in the classroom. She currently is working on several related

projects to determine when personal beliefs about career potentials are set and what intervention strategies can enable a wider range of career alternatives.
The new fellows bring the total of Academic Computing Fellows at Penn State to seven. The University established the program in 1987 to support doctoral students who have a background and strong interest in computing applications of their disciplines.
"This innovative program is unique in that it emphasizes the application of computing technology to the problems and challenges doctoral students will encounter

and must conquer in their particular disciplines," J. Gary Agoson, executive director of the Office of Computer and Information Systems, said.
Academic departments and graduate programs may nominate students for the fellowships, which are renewable for a maximum of four years, contingent upon satisfactory academic performance and availability of funds. Nominees must be U.S. citizens or permanent residents. Final selections are made by the Graduate School's Committee on Fellowships and Awards.

Appointments

Leslie Ellen Brown has been named director of academic affairs and associate professor of musicology at Penn State Beaver Campus.

Dr. Brown most recently served as assistant dean of graduate studies at West Chester University and also has served on the faculties of Colorado State University, Converse College, Cottey College and Louisiana State University.

As director of academic affairs, she will oversee all Beaver Campus full and part-time faculty members, academic activity research and teaching.

Her own scholarly research includes studies of early eighteenth century French opera and music theory and aesthetics in late eighteenth century Scotland. She has published numerous articles and papers on these subjects in a variety of scholarly journals and periodicals.

Dr. Brown currently serves as the editor of *Studies in Eighteenth Century Culture*, the annual volume of select essays of the American Society for Eighteenth Century Studies.

Jean M. Dance has been appointed director of campaign and constituent relations in the Office of the Senior Vice President for Development and University Relations.

Ms. Dance is responsible for the direction and coordination of campaign relations, including donor recognition events, acknowledgments, pledge reminders, Mount Nittany Society, annual report listings, trip scheduling and arrangements.

Formerly, she was an instructor for 15 years in theater and general education in



Leslie Ellen Brown

the arts at University Park and on three Commonwealth Campuses. She received her master of arts degree in theater arts with honors from Penn State and acted with the Penn State Festival Theatre, now known as PACS. She also has been associated with educational theater as a lecturer and consultant and has directed two children's theater touring companies in Philadelphia and North Carolina.

Prior to her association with Penn State, she was director of production at N W Ayer in Philadelphia, administering accounts for DeBears Diamonds, Cannon Towels and others.

Ms. Dance is immediate past-president and currently executive board member of



Jean M. Dance

the Friends of the Palmer Museum. She serves on the board of the Arts and Architecture Alumni Constituent Society and is a member of Mortar Board.

In her position, Ms. Dance reports to Maggie Crispell, executive director of campaign and constituent relations and assistant to the senior vice president for development and university relations.

Linette Courtney, administrative aide for Education Abroad Programs, has been appointed assistant director of campaign and constituent relations in the Division of Development and University Relations.

She joined the University staff in 1980 as secretary for the Black Studies Program,



Linette Courtney

vice president for undergraduate studies. She also has served as secretary for foreign studies and for the Education Abroad Programs in the Office of International Programs, where she was a liaison with students, parents, faculty and staff concerning admission to study abroad locations.

Previously, she worked in the Senate Minority Office of Program Research for the Commonwealth of Pennsylvania and in the Pennsylvania Senate Minority Leader's Office.

Ms. Courtney earned an associate degree in letters, arts and sciences in 1985 and a bachelor of science degree in marketing in 1988 from Penn State.

Penn Staters

The University of Pennsylvania Press has nominated *American Authors and the Literary Marketplace since 1930*, a recent book by **James L.W. West III**, professor of English, for both the John Hope Franklin Publication Prize and the Christian Gauss Award. The John Hope Franklin Publication Prize, given by the American Studies Association, honors the best scholarly book in the field of American studies for 1988, while the Christian Gauss Award, given by Phi Beta Kappa, recognizes the best scholarly book in the humanities for 1988.

Joseph S. Beard, senior extension agent in Crawford County, was third place national winner in the slave-est category of the 1989 Public Information Awards Program of the National Association of County Agricultural Agents.

H. Reginald Hardy Jr., chairman of the geomechanics section and director of the Rock Mechanics Laboratory, presented a paper at the 12th World Conference on Non-destructive Testing in Amsterdam, the Netherlands. He also presented lectures and short courses at the University of Oviedo in Spain.

Sabih I. Hayek, professor of engineering science and mechanics, presented a keynote lecture "Modeling of Absorbent Barriers" at the International Symposium on Environmental Acoustics at Kobe University, Kobe, Japan. While in Japan, he presented lectures at three other institutions: Tokyo Institute of Technology, the National Defense Academy and the University of Hosei.

Edwin L. Herr, professor and head Division of Counseling and Educational Psychology and Career Studies, served as co-chair, theme speaker and conference summarizer of the first bilateral conference of the British Association of Counseling and the

American Association for Counseling and Development at Brunel University, England. He also lectured on career development in organizations to the Institute of Personnel Managers and to the Federated Union of Employers at University College, Cork, Ireland, and on planning for counseling services to the National Institute of Guidance Counsellors at St. Patrick's College, Dublin.

Lorraine T. Kapitanoff, retired assistant professor of Slavic languages, was honored in June as a distinguished alumna of Carleton College, Northfield, Minn., at ceremonies in Skinner Memorial Chapel on the college campus.

Richard P. McNitt, professor and head of engineering science, has been elected a Fellow of the Society of Engineering Science for outstanding achievements in the field.

M.F. Modest, professor of mechanical engineering, has been elected a Fellow of the American Society of Mechanical Engineers in recognition of outstanding contributions in the areas of thermal radiation and laser heat transfer.

Jan S. Prybyla, professor of economics, gave two seminars at the Institute of International Relations in Taiwan on China's economic reforms and a lecture on Taiwan-Mainland Economic Relations at the Asia and World Institute, Taipei. He also presented a paper on Western technology transfers to China at the University of Duisburg, West Germany.

William R. Schmalstieg, professor and head of the Department of Slavic Languages, gave three invited lectures at Japanese universities. He discussed Indo-European syntax at the Goshu University in Tokyo and lectured on Slavic syntax at the Kobe City University of Foreign Studies and on

Indo-European phonology at Kansai Gakuin University in Osaka.

Gerhard F. Strasser, associate professor of German and comparative literature, has been elected full member of the German Society for the History of Science.

Jiri Tichy, professor of architectural engineering and chairman of the graduate program in acoustics, has been appointed chairman of Acoustical Society of America Technical Committee on Noise.

Dan Willis, assistant professor of architecture, has been awarded the 1989 Hugh Ferriss Memorial Prize for Architectural Drawing. The prize is described as "the nation's highest award for excellence in the graphic representation of architecture" by the competition's organizers, the American Society of Architectural Perspectivists, and its sponsors, the Van Nostrand Reinhold Company.

H.L. Barnes, professor of geochemistry and director of the Ore Deposits Research Section, gave the plenary lecture on "Hydrothermal Processes and Gold Deposition" at the International Symposium, Gold 89 in Toulouse, France.

N.K. Bose, Singer professor and director of the Spatial and Temporal Signal Processing Center, chaired an invited session on 2-D Systems at the International Symposium on the Mathematical Theory of Networks and Systems in Amsterdam, The Netherlands.

Eric L. Cross, director of the Materials Research Laboratory and Evan Pugh professor of electrical engineering, gave the keynote lecture, "Electronic Ceramics: Current Issues and Future

Prospects," for the electronic ceramics section of the First European Ceramic Society Conference in Maastricht, The Netherlands.

Richard L. Frautschi, head of the Department of French, presented a paper titled "Lexical and Narratological Measures Applied to Two Novels by Alain Robbe-Grillet" at the 15th International Conference on Computers and the Humanities at the University of Toronto.

Richard L. Gordon, professor of mineral economics, spoke on "Coal Markets: Issues and Prospects" at Business Outlook, a conference sponsored by the Conference Board of Canada in Vancouver, B.C.

Alfred Traverse, professor of palynology, presented an invited paper, "Plant Evolution vs. the Carbon Oxygen Cycle and the Resilience of Kingdom Plantae" at a symposium on Past Global Changes in Interlaken, Switzerland. He also presented a paper at the Swiss Academy of Sciences in Bern and at the annual meeting of German-speaking palynologists and paleobotanists in Krefeld, West Germany.

Howard W. Pickering, professor of metallurgy, has been named a recipient of the 1988 Distinguished Alumnus Award of the University of Cincinnati's College of Engineering.

Robert E. Newnham, Alcoa professor and chair of solid state science at the Materials Research Laboratory, delivered several lectures at the Korean Advanced Institute of Science and Technology, visited electroceramics laboratories at Samsung and Goldstar electronics companies, and delivered lectures at Seoul National, Hanyang and Yeungnam universities.

Partings

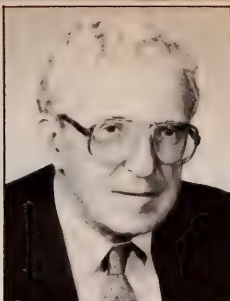
George M. Guthrie has retired as professor emeritus of psychology after 40 years of service. He joined the University as an assistant professor of psychology in 1949. His specialty is clinical psychology, and he was a diplomate for the American Board of Professional Psychology. Following his research in the Philippines and his work with Peace Corps training, he concentrated on the problems of adjustment faced by Americans who work in foreign cultures.

During much of his career at Penn State, he and his wife, Helen A. Guthrie, former head of the University's Nutrition Department, studied ways to combat dietary deficiencies among rural Filipinos.

In the mid-1980s, the Guthries tested 557 Filipino mothers. They disproved claims that Third World mothers, when given free infant formula samples, automatically discontinued breast feeding with nutritionally disastrous results for their infants.

A native of Ontario, Dr. Guthrie received his bachelor's degree from the University of Western Ontario and his doctorate from the University of Minnesota. A Fulbright research scholar in the Philippines in 1959-60, he published his observations in a collection of reports and essays titled "The Filipino Child and Philippine Society" (Philippine Normal College Press).

In 1961, he was appointed associate director of the Peace Corps training program for the Philippines, headquartered at Penn State. From 1963 to 1965, Dr. Guthrie served as chairman of the Inter-University Committee on Study Fellowships for International Development, a program for returning Peace Corps



George M. Guthrie

members supported by the Ford Foundation.

His publications include a book, *The Psychology of Modernization in the Rural Philippines*, as well as contributions to journals such as *Journal of Clinical Psychology*, *Journal of Consulting Psychology* and *Journal of Social Psychology*.

Dollie Anna Hochberg, supervisor of medical records for Ritenour Health Center, which is part of the University Health Services, has retired after more than 30 years service.

She started as a clerk typist in the center's medical records section in 1956 and was named supervisor in 1964. In 1976, she successfully completed the national accreditation examination of the American Medical Record Association.



Dollie Anna Hochberg

Her retirement plans include staying in State College with her husband.

David L. Young, professor of landscape architecture, has retired with emeritus rank after 17 years of service. Over the period of his tenure, Professor Young has been a leader within his department, as well as a dedicated teacher and activist on both local, state and national fronts.

A native of Cape Cod, he received two baccalaureate degrees from the University of Massachusetts and a master of landscape architecture from Harvard Graduate Student Division.

In 1957 he entered private practice with the Boston firm Shurcliff and Merrill. Leaving private practice, he joined the faculty of Louisiana State University in 1967 and then Penn State in 1972 as the

third department head of Landscape Architecture. Under his guidance Penn State's Department of Landscape Architecture became one of the largest undergraduate programs in the nation, producing more than 500 landscape architects.

Professor Young developed the first teaching aids for the technical aspects of landscape architecture, which have been used by more than 100 institutions. He served as a board member and president of the Landscape Architecture Foundation, promoting the advancement and dissemination of professional studies.

An active member of the local community, he joined the State College Borough Design Review Board in 1981 and later the Planning Commission.

In retirement, he plans to assist a growing environmental preservation movement by contributing his land planning and design expertise in his native Cape Cod.

Marion Mussolino, clinical head nurse at Hershey Medical Center, from Oct. 9, 1978, until July 1.

Nancy H. Christy, secretary at McKeesport from Sept. 7, 1976, until Aug. 10.

Wanda Kautz, administrative assistant at Hershey Medical Center, from June 20, 1972, until Aug. 19.

Edward Teshesa, HVAC mechanic at Hershey Medical Center, from Jan. 24, 1972, until Aug. 26.

Dorothy H. Hauser, patient care secretary at Hershey Medical Center, from July 17, 1978, until Sept. 16.

Nancy E. Michalek, inventory clerk, Corporate Controller's Office, from July 10, 1979, until Sept. 16.

Harry Gearhart to lead plasterer in Office of Physical Plant.

Daphne D. Hoffman to residence hall utility worker in Housing and Food Services.

Joyce L. Hopson to residence hall worker in Housing and Food Services.

Linda H. Hostetter to patient care assistant at Hershey.

Viola L. McCready to residence hall utility worker in Housing and Food Services.

Eleanor K. Peiffer to patient care assistant at Hershey.

Carla M. Peterson to patient service aide at Hershey.

Mark A. Revay to food service worker A in Housing and Food Services.

Lisa J. Saksek to patient care assistant at Hershey.

Michelle E. Shindell to patient care assistant at Hershey.

Sharon J. Warden to patient care assistant at Hershey.

Judy A. Wolfe to group leader, environmental health worker at Hershey.

Roger A. Zimmerman to group leader-HVAC at Hershey.

Promotions

Clerical

Johanna R. Baittinger to secretary B at Great Valley Center.

Janice E. Barnhart to clerk, records A in Business Administration.

Connie Bjalmé to secretary A in President's Office.

J. Bradley Caldwell to clerk B in Intercollegiate Athletics.

Brenda Chambers to secretary B in Engineering.

Veima C. Clarke to kiosk receptionist B in University Safety.

Patrick W. Corbett to accounting clerk in Controller's Office.

Mary Jane Corman to clerk, typist A in Business Administration.

Susan L. Coulter to clerk A in Student Services.

Lori Dodson to secretary B in Engineering.

Jane Kone Eberling to accounting clerk in

Undergraduate Programs.

Darlene F. Eberly to secretary B at Hershey.

Connie R. Fetzer to senior clerk, scheduling in Science.

Mary Frank to budget clerk in Education.

Donna Garlow to clerk A, telephone operator in Academic Services.

Barbara Gates to secretary B in Health and Human Development.

John Hamilton to clerk, bibliography processing in University Libraries.

Mardi D. Hockenberry to secretary A in Science.

Cathy J. Kowalske to secretary B in Engineering.

Lynn McCool to clerk B in University Safety.

Carol J. Nadzom to secretary B in Commonwealth Educational System.

Martha Ney to clerk A, engineering in University Libraries.

Janet M. Nixon to secretary B at Hershey.

Barbara A. Nolt to clerk, bibliographic processing A at Capital College.

Rita O'Brien to secretary C at Ogonz Campus.

Ruth C. Pfueger to secretary B at Behrend College.

Lisa Richtscheit to secretary A in Science.

Lucy J. Shuey to clerk, transcript A in Academic Services.

Lisa Skrippek to clerk typist A in Academic Services.

Sandra K. Stewart to technical secretary B in Applied Research Lab.

Marion E. Wilks to accounting clerk in Controller's Office.

Shirley A. Wilson to clerk, accounting A in Housing and Food Services.

Technical Service

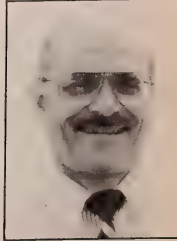
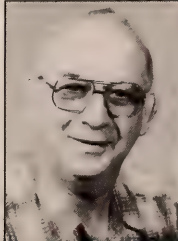
John F. Bessey to patrol officer at Scranton.

Sheila E. Craft to utility worker at Hershey.

Frank J. Evans to maintenance worker, utility at Beaver Campus.

Lisa M. Garner to patient care assistant at Hershey.

25-year award recipients



Completing 25 years of service at the University are, from left, Thompson A. Buchan, computer operations services coordinator, Commonwealth Educational System; Geraldine A. Kooney, food production worker B, HUB, Housing and Food Services; David

A. Kurtz, analytical chemist, Department of Entomology; John A. Pollock Jr., vending machine service, Housing and Food Services; Ronald L. Sheetz, director of business services and operations, Penn State New Kensington Campus.

Dr. Rao receives statistics medal from association

C.R. Rao, holder of the Eberly Chair in Statistics, has been named winner of the 1989 American Statistical Association Samuel S. Wilks Memorial Medal.

The medal, which honors American pioneering statistician S.S. Wilks, is the premier award given by the American Statistical Association to honor an individual for contributions to the advancement of knowledge, ingenious applications of existing knowledge,

publications in theory and methodology, educational activities, and cooperative scientific efforts and contributions to professional statistical societies.

Dr. Rao, one of the founders of modern statistics, was named to the Eberly Chair in Statistics last year. The Eberly Chair in Statistics is one of eight professorial appointments with \$1 million endowments created in 1986 in the College of Science

through a gift from the Eberly Family Charitable Trust of Uniontown.

In addition to the Eberly Chair, Dr. Rao also holds the title National Professor, awarded him by the Government of India for his outstanding contributions to science. An Indian citizen, he spends part of each year in Calcutta at the Indian Statistical Institute where he has worked since 1944 and which he headed from 1964 until 1976.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion may apply by CALLING THE EMPLOYMENT DIVISION, 863-6304 (NETWORK LINE 433-0304). Applications for these staff vacancies will be accepted until Oct. 12, 1989. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications to staff vacancies are considered in accordance with Fair Employment practices (FS 1) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

• **Assistant Superintendent, Golf Course, Auxiliary Recreation Services, University Park Campus**—Responsible to the superintendent golf course for the day to day supervision and coordination of golf course operations including grounds and equipment repair and maintenance. Determine the need and supervise work for seeding, sodding, fertilizing, watering, mowing and maintenance of grass including irrigation. Requires associate degree or equivalent in agronomy, turf management or related field plus two to three years of effective experience in golf course management. STAFF GRADE 5.

• **Team Physician, Intercollegiate Athletics Laboratory, University Park Campus**—Responsible to the director of clinical services. Center for Sports Medicine for providing medical care to student athletes from the 28 varsity teams at the Intercollegiate Athletics Program at the University Park Campus. 36-joint physical with a doctor of

medicine or equivalent degree from an accredited school of osteopathy. License to practice medicine in the Commonwealth of Pennsylvania and four to five years of effective experience in sports medicine required. POSITION AVAILABLE JAN. 1, 1990. STAFF GRADE 10.

• **Rural Economic Development Specialist, Senior Vice President for Research and Dean of the Graduate School, Associate Vice President for Sponsored Programs, Technology Transfer and Industrial Liaison, University Park Campus**—Responsible to the associate vice president for sponsored programs, technology transfer and industrial liaison for promoting University economic development resources, identifying and addressing rural economic development issues, working with state and local officials to affect legislation and policies. Requires master's degree or equivalent in rural development and/or rural sociology or a related field plus four to seven years of effective experience to include experience in legislative program formulation at the state government level. Ph.D. preferred. STAFF GRADE 9.

• **Associate Director for Economic Development, Institute of State and Regional Affairs, Senior Vice President for Research and Dean of the Graduate School, Associate Vice President for Sponsored Programs, Technology Transfer and Industrial Liaison, Penn State Harrisburg**—Responsible for assisting Penn State executive officers, program directors and faculty to design and implement economic development strategies and programs. Requires master's degree or equivalent in regional planning, public administration or business administration plus four to seven years of effective experience in economic development planning and management and excellent written and oral communication skills. STAFF GRADE 9.

• **General Accountant, University Hospital, The Department of Financial Management, Hershey**

Medical Center—Responsible to the supervisor General Accounting for the overall operation and control of the general ledger, financial statement, inventories, various administrative and statistical reports required by hospital administration. Requires bachelor's degree or equivalent plus one to two years of effective experience. STAFF GRADE 6.

• **Administrative Assistant, Commonwealth Educational System, Delaware County Campus**—Responsible to the campus executive officer for providing administrative support for a variety of campus activities to include grant proposal preparation, event coordination and research and report preparation. Requires associate degree or equivalent plus two to three years of effective experience. Knowledge of grant and proposal preparation, and good oral and written communication skills required. STAFF GRADE 5.

• **Assistant Director of Student Programs and Services, Ogontz Campus, Student Programs and Services**—Responsible to the director of student programs and services for planning, coordinating directing and implementing various functional areas within the Student Programs and Services Office with particular emphasis on financial aid. Requires master's degree or equivalent in counseling, student personnel or related field plus two to three years of effective experience, or bachelor's degree or equivalent plus four to six years of effective experience in areas of financial aid, counseling, admissions, etc. STAFF GRADE 7.

• **Assistant Director, Nursing Services—Nursing, The Milton S. HERSHEY Medical Center, Department of Nursing Services, Hershey Medical Center**—Responsible to the director of nursing for the development and implementation of the Center for Nursing Research. Also responsible for securing outside funding for research activities in the department and management of support staff. Requires a doctorate in nursing or related field and a

registered nurse currently licensed by Pennsylvania State Board of Nurse Examiners plus three to four years of effective experience which includes service in an academic setting plus demonstrated ability to conduct research. Administration experience preferred. STAFF GRADE 8.

• **Maintenance Foreman, CES, Beaver Campus**—Responsible to the director of business services for planning, scheduling and supervising maintenance repair and up-keep activities of the Beaver Campus physical plant and facilities. Requires high school graduate, or equivalent, with several years of trades training and two to four years of effective experience in such areas as heating/ventilating electrical work, landscaping, plumbing, painting, carpentry and maintenance. Leadership qualities and experience in a supervisory capacity highly desirable. STAFF GRADE 5.

• **Engineering Aide, Applied Research Laboratory, University Park Campus**—Responsible to the project engineer or senior engineering aide for the layout design, fabrication and construction of standard electronic or mechanical components and equipment. Requires high school graduate or equivalent plus two to four years of effective experience in the design and fabrication of experimental equipment. Position may require travel on field assignments including assignments aboard ships at sea. U.S. citizenship required. STAFF GRADE 5.

• **Junior Engineering Aide, Applied Research Laboratory, University Park Campus**—Responsible to the project engineer or designated senior engineering aide for assistance in the fabrication, testing, installation operation and maintenance of non-standard electronic or mechanical parts, components and equipment. Requires associate degree or equivalent in electrical or mechanical engineering, technology program and more than three months of effective experience. Position may require travel on field assignments including assignments aboard ships at sea. U.S. citizenship required. STAFF GRADE 3.

• **Drafter-Designer, Electro-Mechanical, Applied Research Laboratory, University Park Campus**—Responsible to the supervisor Design and Drafting for the accurate performance of a wide variety of drafting operations including layout and design work on all types of drawings for electronic, electro-mechanical, mechanical, hydraulic and acoustic equipment and devices and for the packaging design of electronic equipment. Requires associate degree technical school training or equivalent in electro-mechanical drafting plus six to nine months of effective experience. U.S. citizenship required. STAFF GRADE 5.

• **Drafter, Electro-Mechanical, Applied Research Laboratory, University Park Campus**—Responsible to the supervisor Design and Drafting for the accurate performance of a variety of drafting operations on all types of drawings for electronic, electro-mechanical, mechanical, hydraulic and acoustic equipment and devices. Requires associate degree technical school training or equivalent in electro-mechanical drafting plus six to nine months of effective experience. U.S. citizenship required. STAFF GRADE 5.

Search group is named for associate dean post

A search committee has been appointed to identify candidates for a newly created position of associate dean for undergraduate education. Because a thorough knowledge of the University and the Commonwealth Educational System is essential for the position, the University is conducting an internal search.

The associate dean will assist the vice provost and dean for undergraduate education in conducting the academic duties and responsibilities assigned to the Deans Office related to the Commonwealth Educational System. The associate dean will assume specific responsibility for assisting the vice provost and dean in relation to faculty professional development and academic personnel actions in the Commonwealth Educational

System. **Theodore E. Kiffer**, associate dean, Commonwealth Educational System College of the Liberal Arts, has been named search committee chair. Members are

Robert E. Carnahan, director of academic affairs, Penn State New Kensington Campus; **Daniel L. Doran**, assistant professor of physical education, Penn State Delaware Campus; **Wayne R. Hager**, head of the Department of General Engineering; **Frank J. Kristine Jr.**, assistant professor of chemistry, Penn State Mont Alto Campus; **Wayne D. Lammie**, campus executive officer, Penn State Schuylkill Campus; **Susana C. Marinho** and **Jerry W. Martz**, Council of Commonwealth Student Governments; **Michael D. Riley**, assistant professor of English, Penn State

Berks Campus; **Donald E. Sheffield**, research associate and special assistant to the dean, Penn State Beaver Campus; **Joan S. Thomson**, assistant professor of rural sociology.

The position is available on or before Jan. 1, 1990. Applications and nominations will be accepted until Monday, Oct. 16, or until a suitable candidate is found.

Candidates should be current University personnel holding tenured academic rank of associate professor or professor. Applicants should submit a letter of application and current curriculum vitae, and arrange for three letters of recommendation to be sent to Theodore E. Kiffer, chairperson, Associate Dean Search Committee, 207 Old Main, University Park.

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7517.

William E. Campbell Jr., Editor
Deborah A. Benedetti,
Assistant Editor
Kathy Garman, Calendar

October 5, 1989
Vol. 19, No. 7

FACULTY SENATE

The University Faculty Senate will meet at 1:30 p.m. Oct. 10 in 112 Kern. See the agenda on page 3.

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President Jordan's statement on child care report

We are pleased to accept for further study the report of the University Child Care Task Force. "The Children of Penn State: The University's Role in Child Care in the 1990s." The 19-member task force, composed of students, faculty and staff, was appointed at my request last fall by William Asbury, vice president for student services. We expect to discuss the task force's report widely with the University community and within the broader communities we share.

In its report, the University Child Care Task Force has provided us with 13 recommendations:

- Develop partnerships with area businesses, school districts, hospitals and

community organizations at all Penn State locations to promote collaborative child care arrangements for full-time care, care for mildly ill children and before and after school care.

- Support community-based child care resource and referral services and develop a child care information brochure for new employees and students.

- Expand and enhance on-campus child care based upon the results of the University-wide needs assessment performed by the Task Force.

- Implement parental staffing assistance child care programs where parents donate their time as a cost effective way to expand on-campus

services for students, faculty and staff. The Task Force recommends working to obtain space on or near the University Park Campus to initiate such a program during the 1989-90 academic year.

- Add a new child care facility on the University Park Campus, in addition to the space proposed for the parent staffing assistance program. The Task Force recommends either a University-operated program or a collaborative arrangement, with services contracted to community providers.

- Train more child care professionals by having the Colleges of Education and Health and Human Development develop a joint proposal for providing expanded continuing professional

development opportunities, particularly for community-based child care providers and home-based family day care professionals.

- Develop and publish a flextime policy and encourage supervisors to allow flextime schedules whenever possible to facilitate arrangements for mildly ill children.

- Change the leave policy so that sick days and vacation days are replaced with personal days for all employees, to allow greater flexibility in caring for mildly ill children.
- Establish a parental leave policy that allows for a maximum of one-year leave without pay for either parent.

(continued on page 3)

PENNSTATE



INTERCOM

October 12, 1989

Volume 19, Number 8

Information submitted for publication in *Intercom* is due by noon on the Thursday before publication.

Air Expo '89 will feature wingwalking

Wingwalking, sailplane and skydiving performances will be featured with dozens of military and civilian aircraft at the University Park Airport's Air Expo '89 on Saturday, Oct. 21.

The Expo will open at 10 a.m. and close at 4 p.m. Because airport parking space is scarce, visitors are encouraged to park in designated areas on the east side of Beaver Stadium and ride a shuttle bus to and from the show. The airport is on Fox Hill Road, northeast of State College.

Admission will be \$5 for adults age 16 and over, and no charge for those younger. Proceeds will go to the Pennsylvania Special Olympics to support local activities.

Military aircraft scheduled to perform at the Expo include an F-16 Fighting Falcon and two A-10 Thunderbolts flown by Penn State alumni. On display will be Chinook, Huey and Sikorsky helicopters, several T-34 Mentors and T-28 Trojans, a C-130 Hercules, and more.

Several homemade airplanes owned by Centre Region residents also will be displayed, as will remote-controlled radio airplanes.

Sailplane aviator Manfred Radius, a big hit at the 1988 Expo, will return for

another try at the "inverted ribbon cut."

Mr. Radius is the only glider performer to achieve this dangerous feat of flying upside down, low over a runway, and cutting through a suspended ribbon. He performs to classical music while wing tip smoke highlights the plane's tailslides, snap rolls, vertical 8's and outside loops.

The father-daughter wingwalking act of Ron and Karen Shelly will make its Expo debut this year. The father does the flying while the daughter walks on the wings of their Stearman bi-plane without a safety belt.

The family-oriented Expo also will celebrate 50 years of All-American Air Mail Service to the Centre Region. The American Philatelic and American Air Mail Societies will sponsor educational displays with authentic examples of airmail which went into and out of the Centre Region.

The show's eye-catching poster, which will be on sale during the event, harkens back to the earliest days of airmail delivery. It depicts pilot H.J. "Slim" Lewis buzzing the Bellefonte courthouse, as he did each time he left town after retraining for the New York to Cleveland run.



Vietnam War ex-POW's Giles Norrington, right, and Norman McDaniel answer questions at a news conference at University Park. The two brought the veterans' perspective to the present-day college campus as part of a special Vietnam War program and exhibit Oct. 5-6. Photo: Scott Johnson

Need for leased space has increased substantially

Space—or the lack of it—is on a lot of administrators' minds at University Park these days.

According to James Wagner, associate vice president for business and operations, the University's need for leased space has increased substantially over the last five years.

"Only one building was under lease before the last five years," Wagner said. "Today, University units are located off campus in more than 20 different buildings, all or part of which are leased by the University."

Growth at the University Park Campus has outstripped the capacity of on-campus facilities.

"Leased space is a short-term solution for relieving demands on the physical plant in an environment where neither the University nor the Commonwealth has been able to finance and construct new buildings to meet those demands adequately," Mr. Wagner added.

"To the extent that such space is available, the University attempts to lease space which is near the campus, and which is of fairly significant size so that a unit located off campus may operate as efficiently as possible while maintaining its sense of campus identity."

The University recently leased approximately 5,000

square feet of space at 419 East Calder Way for a program of the College of Health and Human Development and approximately 3,000 square feet of space at 122 East College Avenue as temporary offices for the English Department.

James Dungan, senior director, Facilities Resources Management, said the University leases space at many different locations in the State College area, including East and West College Avenue, Sowers Street, East Calder Way, Burrows Street, North Atherton Street, South Atherton Street, South Allen Street and Ferguson Square.

According to Dr. Dungan, the amount of space leased in any one location varies from less than 700 square feet to more than 40,000 square feet. He said the cost per square foot on an annual basis ranges from \$2.50 for warehouse space to approximately \$12.00 for finished office space, with a weighted average of about \$8.00 per square foot per year.

Noting that the University has been able to lease space for less than average cost for the State College area, Dr. Dungan said the lease cost does not include any capital investment necessary to ensure that the space meets University requirements.

The capital investment cost, he said, varies according to the nature of the space and is usually inversely related to the lease cost. In addition, most leases require that the University pay for electrical service and custodial cost.

Available lease space which might meet University needs is identified in a number of ways. As additional space requirements are defined, the Facilities Resources Management office, working through local realtors and property owners, tries to match needs of the unit with the space available. Because the University is leasing substantial amounts of space, unsolicited proposals from property owners or developers are received on a regular basis.

"In some cases," Dr. Dungan noted, "the University has negotiated successfully to lease space which was called to our attention by the owner. In other cases, the space offered on an unsolicited basis was not of the right size or the right price or the right location to serve the University's needs."

Dr. Dungan noted that off-campus leases in the past were usually for short-term unique space needs that could not easily be accommodated on campus because of the short-term nature of the project or for similar reasons.

(continued on page 3)

Focus on Diversity

Cultural diversity workshops are scheduled

The second in a series of cultural diversity workshops aimed at creating a more hospitable environment for people of diverse ethnic and racial backgrounds has been scheduled for Nov. 14 and 16 at the State College Hotel.

The second set of workshops will be specifically geared toward business owners, supervisors and managers, and an equal number of participants are being recruited from both the community and campus, according to workshop coordinator W. Terrell Jones, associate director of campus life and currently an administrative fellow in the President's Office.

The cultural diversity workshops are just part of a series of programs being implemented at the University and in the community. Twenty-two persons representing campus and community attended the first series of workshops in July.

The sessions will be held from 7:30 to 10:30 a.m. on both Nov. 14 and 16, with participants expected to attend both sessions to complete the awareness program. The sessions feature lectures, films and exercises in stereotyping, prejudice, case studies and role-playing situations.

"Our goal is to help participants understand cross-cultural differences and provide new and better insights into dealing with customer concerns from a culturally diverse perspective," Dr. Jones said. "We hope that the workshops will assist in lessening cross-cultural misunderstandings and foster greater appreciation for cultural diversity. By targeting business owners, supervisors and



W. Terrell Jones, associate director of campus life, conducts a cultural diversity workshop aimed at creating a more hospitable environment for people of diverse ethnic and racial backgrounds. The second in the series of workshops will be held Nov. 14 and 16. Photo: Scott Johnson

managers, we can design the workshop materials to meet their particular experiences and needs.

"Owners and managers are often the key in how employees react and respond to customers, no matter what the issue. We hope that by training these top management people, we can help them better serve all residents and visitors in our community."

The diversity workshops can accommodate up to 25 persons. Interested persons from the community should call

the Chamber of Commerce/Downtown Business Association office at 237-7641. University employees wishing to take part should call University Relations at 865-2501. Those who cannot be accommodated will receive early notification about future workshops. Deadline for registration is Oct. 27.

The workshops are planned and sponsored by the Office of University Relations and the Downtown Business Association's Human Relations and Philanthropy Committee.

Diversity Calendar

Saturday, Oct. 14

Promotion and tenure will be the topic of the first in a series of faculty development workshops sponsored by the office of Minority Faculty Development this semester from 9 a.m. to noon in 101 Kern Graduate Building. Harold Cheatham, associate professor of education, will be the speaker.

Monday, Oct. 16

Ester Newton, professor of anthropology at State University of New York, will deliver a lecture titled "The Fun Gay Ladies: Lesbians in the 'Harred of the 90s.'" This edition examines the escalation of racial violence in the country.

WPSX-TV program

Tony Brown's Journal, airing at 11:30 a.m. Sunday, Oct. 15, on WPSX-TV, looks at "The Hatred of the 90s." This edition examines the escalation of racial violence in the country.

The NAACP regional office in Atlanta recently was the target of violence. NAACP southeast regional director Earl Shinhosher and Rev. C.T. Vivian, chairman of the Center for Democratic Renewal, discuss the growing trend of violence against the black community before a live Atlanta audience.

Obituary

Barbara C. Meyer, tray assembler, Hershey Medical Center, from Nov. 18, 1974, until her retirement Feb. 18, 1989, died Sept. 29 at the age of 71.

The Campaign for Penn State

Architectural Engineering Department receives gift

The University has received a \$50,000 gift from alumnus L. Robert Kimball of Elmhurst, for the Living Laboratory in the Architectural Engineering Department.

The laboratory is devoted to an open demonstration area for heating, ventilation and air conditioning (HVAC). It features exposed state-of-the-art lighting and ventilation systems on the entire second floor of the architectural engineering building. In addition to its function as a teaching tool, the Living Laboratory also will be used as a research facility.

"Bob Kimball's generous gift gives our students a sophisticated head start as

engineers in a highly competitive field. His far-sighted support will advance the profession," John A. Brighton, dean of the College of Engineering, said.

The college is one of only three in the country to have an accredited program emphasizing the training of HVAC design professionals.

"There is a real need for engineers with practical experience in HVAC," Mr. Kimball said. "In my experience, Penn State engineering graduates seem to be much better prepared than students from other schools. I want to contribute to that preparedness."

Mr. Kimball is the founder and president of L. Robert Kimball and Associates of Elmhurst. The firm consults in all areas of engineering with specialties in architectural and civil engineering. Kimball and Associates is a national group, with more than 400 employees.

A graduate in civil engineering, Mr. Kimball left Penn State to serve in the Air Force from 1943 to 1945, returning to earn his degree in 1947. He founded L. Robert Kimball and Associates in 1953.

A long-time friend of the College of Engineering, Mr. Kimball was named an Outstanding Engineering Alumnus, the

college's highest alumni honor, in 1985. He has been a member of the College of Engineering Industrial and Professional Advisory Council, a life member of the Penn State Alumni Association and is a member of the Penn State Alumni Council and Mount Nittany Society.

He is active professionally in the American Consulting Engineers Council, the National Society of Professional Engineers, the Pennsylvania Society of Professional Engineers in Private Practice, and has been named diplomate by the American Academy of Environmental Engineers.

Mohler scholarship

The Harold S. Mohler and Melda A. Mohler Scholarship has been established at the College of Medicine at Hershey Medical Center in memory of the former chairman of the board of Hershey Foods and the Hershey Bank.

The \$100,000 gift from Mrs. Melda Mohler in memory of her husband, Harold, will provide recognition and financial assistance to outstanding students in the College of Medicine who need funds for their college expenses.

As a member of the board at Hershey Bank, Mr. Mohler was involved in establishing the Medical Center more than 20 years ago.

"The Medical Center community is indebted to Mr. and Mrs. Mohler for their many years of dedication and support," C. McCollister Everts, senior vice president for health affairs and dean of the College of Medicine, said. "Their generosity through this scholarship will greatly help our outstanding medical students as they pursue their medical studies."

An Ephrata native, Mr. Mohler joined

Hershey Foods in 1948 as an industrial engineer. He became assistant to the president in 1957 and vice president in 1962. He was named president and chief executive officer in 1965 and chairman of the board in 1974. He retired from Hershey Foods in 1984.

Mr. Mohler served on the board of Hershey Bank for 22 years and was named chairman in 1977. He remained in that position until his retirement in 1984. He died on Aug. 31, 1988.

Medical Center

Private support for The Milton S. Hershey Medical Center reached a high of \$5,522,291 for the 1980 fiscal year. This increase of nearly 10 percent breaks last year's record amount of \$5,026,182.

Fiscal 1989's performance caps three years of unprecedented growth in the Medical Center's private support. Total dollars received over this period amounted to \$14.3 million, 64 percent higher than the \$8.7 million raised during the next best three year period - 1983-85.

According to C. McCollister Everts, senior vice president for health affairs and dean of the College of Medicine, "The records set by the Medical Center this year are truly gratifying to all of us associated with the Hershey Medical Center. We appreciate deeply the confidence that so many individuals, corporations, foundations and organizations have shown in us by providing us with such generous support."

A new record also was set in total campaign commitments received. The Medical Center is an active participant in The Campaign for Penn State. Last year, \$6,543,090 was received in commitments at Hershey, which brought the Medical Center's total raised through the Campaign to \$24,950,000. This surpasses the original goal of \$20,800,000 set for the Center, which was raised to \$30,000,000 in 1987. The campaign concludes in June 1990.

James Brucker, director of university development at the Medical Center, said, "It is significant to note that these records were set at a time when many schools nationally have experienced a decline in private support and total giving to higher education has become stagnant."

Friedman gift

Sidney and Helen Friedman of State College have endowed a scholarship in the School of Communications with a gift of \$15,000.

The Friedman Scholarship will benefit undergraduates in the school's advertising program. Students must have superior academic records to be eligible for the award, which will be made by the school's scholarship committee.

This is only the most recent of many significant gifts made to The Campaign for Penn State by Sid and Helen. G. David Gearhart, senior vice president of development and University relations, said.

In addition to the School of Communications, the Friedmans have supported the colleges of Business Administration, Arts and Architecture and the Liberal Arts, the Palmer Museum of Art, the University Libraries and other academic programs.

The Friedmans are Penn State alumni. Mr. Friedman, a 1944 journalism graduate, was recognized as a Distinguished Alumnus earlier this year.

Statement

(continued from page 1)

- Establish procedures for scheduling classes and final exams for student parents to facilitate child care arrangements.
- Provide financial assistance for students and employees, including a student parent scholarship fund and an employee child care voucher and an expanded flexible benefits program.
- Monitor national and state child care legislation to ensure that the

University makes appropriate use of new benefits and potential sources of funding in support of campus child care programs.

— Establish an Office of Child Care Services, with a full-time director and support staff to provide leadership and support to a University-wide child care program. Child care advisory committees would also be established at each location.

More than 100 children are enrolled in four on-campus child care programs. In addition to the three at the University Park Campus: the Child Development

Laboratory, the Cedar Child Development Center and the Discovery Child Development Center, a fourth program, the Parent Staffing Child Care Program, is located at the new Kensington Campus. Construction of a new child care facility was begun this year at the Hershey Medical Center.

In its report, the Task Force stated the three features of child care services most important to students, faculty and staff at all locations: day-time summer care; opportunities for parents to visit children and low turnover of child care professionals.

This report presents a specific plan of action and represents a landmark in Penn State's ability to address the child care needs of our students, faculty and staff. Providing high quality, affordable child care has become a national priority, and we at Penn State intend to exercise leadership by enhancing the education of child care professionals and by working with government, school districts and businesses to address child care opportunities at each of our locations.

Bryce Jordan

Leased space

(continued from page 1)

Over the last several years, he said, the increasing demands for space at the University Park Campus have led to the location of a variety of University functions into leased space. The Facilities Resources Committee, the group ultimately responsible for space allocation, puts highest priority on assigning off-campus leased space to units which do not have day-to-day contact with students or faculty.

Current users of off-campus lease space include LaVie, Adult Literacy Institute, Sponsored Programs Office, Upward Bound Programs, Management and Systems Engineering, IBIS (Integrated Business Information System) headquarters, certain Continuing Education functions relocated from Keller Building, certain functions with the Office of the Corporate Controller, Office of Human Resources, University Purchasing, Advanced Technology (Ben Franklin) Center, Telefund of University Development

and Relations, Systems and Procedures, Materials Procurement for the Commonwealth Educational System, Office of the Associate Vice President for Sponsored Programs, Technology Transfer and Industrial Liaison, and the Energy Technology Program of the College of Engineering.

This fall, space pressures in the Colleges of the Liberal Arts, Education, and Health and Human Development have forced the relocation of some academic and academic support functions of those colleges to off-campus leased space.

Plans also are in process to relocate the Collegian to off-campus leased space and to relocate the Office of University Publications and the University Press to a leased building on campus. In May, 1990, the School of Communications will move temporarily off campus in order to accommodate a major remodeling of Carnegie Building, but the School, for the most part, will return to campus in May, 1991.

According to Mr. Wagner, the actual leasing process is complex and requires considerable negotiation.

"Instituting a competitive bid process has not been feasible because comparable multiple lease options would have to be available for the required space at the time the space is needed. This has not occurred in the past and is highly unlikely to be the case in the future."

Despite the development of a systematic approach to find and provide lease space as a means of relieving growing pressure on the Penn State's physical plant, Mr. Wagner said the University is developing plans to eliminate the practice.

"We are aware that leasing space off campus is not a long-term, cost effective solution to meet Penn State's ongoing space requirements. The administration has under continuing review a long-term plan aimed at significantly reducing the University's leased space within the next decade."

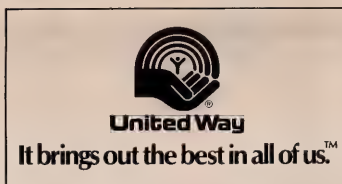
"With more than 200,000 square feet under lease, the return of all units to campus from their off-campus leased locations in the short term is clearly not feasible, but that plan is very much the long-term strategy at Penn State."

United Way drives held at all University locations

United Way charitable fund-raising drives are taking place throughout the Commonwealth this fall and at all 22 Penn State locations.

United Way has been chosen as the only charitable fund-raising drive for which payroll deduction is authorized for University employees because it supports the greatest variety of human services in the communities where Penn State campuses are located. More than 75 percent of Penn State's contributing to United Way utilize the efficient payroll deduction system.

Newly designed annual campaign forms for United Way will be introduced at University Park this fall. The pre-sealed forms, similar to those used for salary information, will allow University Park employees to note their contributions to



date, change the payroll deduction, and designate agencies.

Employees wishing to make one-time cash or check contributions may also use the form. All forms will be returned by individuals directly to the Payroll Office in pre-addressed envelopes to ensure

confidentiality and to improve the overall United Way reporting system.

Continuous giving instituted in 1988 is still in effect. Annual United Way campaigns provide an opportunity for all individuals to review their contributions and to make changes. Unless a new form is

submitted the deduction now in effect will continue. To make changes—decrease, begin or end United Way contributions via the payroll deduction system—payroll change forms are available from personnel representatives at University Park, business offices at other locations, and from the Payroll Office at University Park.

To learn more about United Way agencies in your area, how they work and whom they serve, ask your campus United Way volunteer or call the local United Way office. Understanding the process is the key to United Way's 100 year plus history of providing human service needs to people where they live.

At University Park alone, more than 300 faculty and staff members are involved in the annual fall campaign.

EDUCOM meeting

The opening session of the annual meeting of EDUCOM will be available on Oct. 17 for viewing on the University Park campus cable system through the efforts of the Office of Telecommunications and the University Division of Media and Learning Resources.

EDUCOM is a non-profit consortium of colleges and universities organized to facilitate the use of information technology in higher education. The opening session of its annual meeting at the University of Michigan, Ann Arbor, will be carried live via satellite on Channel 9 of the campus cable system from 8:30 to 10 a.m.

President to meet with students Friday

President Jordan will hold a meeting with students in the Alumni Lounge on the first floor of Old Main at 4 p.m. Friday, Oct. 13.

This is an opportunity for students who might not be able to take advantage of other occasions to talk privately with the president of the University.

Bookshelf

Stanley H. Rosen, Evan Pugh professor of philosophy, takes a new look at a famous quarrel in his book *The Ancient and the Modern: Reclaiming Modernity* (Yale University Press).

Dr. Rosen argues that modern philosophers must not dismiss the intellectual intuition of ancient philosophers such as Plato, but must preserve the balance between the seriousness of conceptual analysis and the playfulness that marks the classical view of philosophy as a divine activity.

The attempt to appropriate the classical heritage, Dr. Rosen says, is neither impossible nor undesirable, but is an indispensable step in the process of legitimizing our historical experience. According to Dr. Rosen, the real quarrel is not between ancient and modern thinkers, but between philosophy and sophistry. The continuous attempt of western civilization to prevent playfulness from degenerating into frivolity constitutes the unity of the historical experience.

A University faculty member since 1950, Dr. Rosen has written the books *Plato's Symposium*, *The Limits of Analysis*, *G.W.F. Hegel*, *Nihilism and Plato's Sophist*.

At University Park

Alumni Fellow set to visit

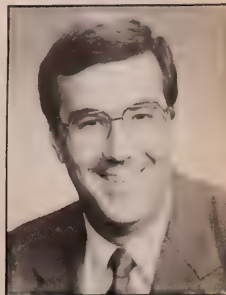
Barry L. Zoumas, vice president for science and technology at Hershey Foods Corp., will visit University Park as an Alumni Fellow of the College of Health and Human Development Oct. 18 and 19.

Dr. Zoumas earned two graduate degrees from Penn State—a master's in nutrition and biochemistry in 1960 and a doctorate in nutrition in 1968. His undergraduate degree is in chemistry from Kutztown State College, and he also is a graduate of Stanford University's Senior Executive Program.

He joined Hershey Foods Corp. in 1971 as manager of nutritional sciences, after two years as a senior scientist in the Department of Nutrition Research at Mead Johnson Research Center in Evansville, Ind.

At Hershey, he was promoted to director of research in 1976, director of research and development in 1979, and his current position in 1981. He is responsible for all corporate research and development, engineering, quality assurance and agribusiness activities.

He is a corporate representative to a number of academic, industry and scientific associations. He has been awarded membership in the American Institute of



Barry L. Zoumas

Nutrition, honored with an Alumni Recognition Award from the former College of Human Development and named a Distinguished Alumnus of Kutztown State College.

Focus on the arts

The arts on Channel 3

Art of the Western World, airing at 2 p.m. Saturday, Oct. 14, presents "A White Garment of Churches." This program traces the development of sacred architecture from the Romanesque through the High Gothic.

World-renowned director Helmuth Rilling conducted the New York Philharmonic Orchestra, the Gächinger Kantorei choir ensemble, and a stellar line-up of soloists in the American premiere of "Messa per Rossini" at Lincoln Center airing at 12:30 p.m. Sunday, Oct. 15.

Starting with the Italian Renaissance and the commissioned religious paintings of the Medici family, *Paintings and the Public*, airing at 10:30 p.m. Wednesday, Oct. 18, traces art's gradual shift from private collections to public access -- culminating with the opening in 1793 of The Louvre in Paris.

Artist's exhibit

The works of Jorene Rath, an artist from Lemont, are on display until Nov. 17 in the East Corridor Gallery of Pattee Library.

The exhibit, named "Process," highlights samples of work from the past 28 years of Ms. Rath's artistic career. They include oil, watercolor, charcoal, acrylic and a variety of other media.

Woodcut exhibit

Selected pieces from the Arts Library permanent collection are on display in the West Lobby Gallery of Pattee Library through Nov. 27.

The exhibit features lithographs and woodcuts that reflect people in quiet contemplation and conversation.

Bracken Lecture

Anthony M. Guzzardo of the landscape architecture firm, Anthony M. Guzzardo and Associates Inc., San Francisco, Calif., will speak on "One Office's Approach to the Professional Practice of Landscape Architecture" at 8 p.m. Tuesday, Oct. 17, in 112 Walker Building at University Park. The lecture opens the fall Bracken Lecture Series sponsored by the Department of Landscape Architecture.

Mr. Guzzardo's experience includes a range of civic, institutional, industrial and recreational projects on the west coast. Guzzardo and Associates Inc. has received numerous awards for design excellence.

Art history lecture

John Pinto, professor in the Department of Art and Archaeology at Princeton University, will present the lecture "Nicola Michetti and Eighteenth-Century Architecture in Rome and St. Petersburg" at 8 p.m. Tuesday, Oct. 17, in the HUB Assembly Room at University Park.

The lecture is the fourth in the 1989-90 series "The World and the Italian Architect: Native Images and Reflections Abroad," sponsored by the Department of Art History and the Institute for the Arts and Humanities Studies.

Dr. Pinto will examine the influence of Italian Baroque architecture outside Italy through the work of one of Carlo Fontana's most talented students, Nicola Michetti. Michetti served as Fontana's major assistant during the early 18th century.

Odyssey on WPSU

The Spanish aesthetic, playwright, novelist, poet, Ramon del Valle-Inclan,



Patrice Munsel stars in "Mame," which will be presented at 3 and 8 p.m. Oct. 21 in Eisenhower Auditorium.

is the subject of the next "Odyssey Through Literature" broadcast, "The Musical Miracle."

"Where the meaning of words cannot reach, the waves of their musicality penetrate," wrote Valle-Inclan, in a translation by Robert Lima, professor of Spanish and comparative literature.

Dr. Lima, who has also published a biography of Valle-Inclan, notes that Valle-Inclan was irritating, crotchety, full of malevolent wit, but was also a man of incredible honesty and perception. The author of 24 plays, he is the unrecognized originator, says Dr. Lima, of the Theatre of the Absurb.

"Odyssey Through Literature" is produced by the Comparative Literature Department and airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Playwrights workshops

The University Resident Theatre Company (URTC) will present two New Playwrights Workshops in 119 Arts Building at University Park.

"More of the Same" will be performed at 5 p.m. Wednesday, Oct. 18, through Friday, Oct. 20. The second workshop, "The Homecoming," will be presented at 5 p.m. Friday, Dec. 15, through Sunday, Dec. 17.

The plays are original works, written and performed by students at the University. Each workshop is followed by a group discussion between the audience, author and cast.

Annual HUB Day

The second annual HUB Day will be celebrated from noon to 5 p.m. Thursday, Oct. 19, at the Hetzel Union Building, at University Park. Events to be held on the first floor and in Eateries areas will present

a microcosm of daily occurrences at the HUB, including a variety of concerts, craft demonstrations, a poster sale, chess and backgammon tournaments.

All events are free and are sponsored by the Office of Unions and Student Activities and the HUB Eateries. For more information, call 865-2563 or 865-2000.

Concert choir

The Concert Choir will perform at 12:10 p.m. Thursday, Oct. 19, in Eisenhower Chapel at University Park. The 20-minute concert is part of the fall Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The program will feature works and composers from several national backgrounds and historical periods selected from the repertoire being prepared for "A Choral Travelogue" that will be presented on and off campus this fall.

The Concert Choir consists of 30 singers, representing all class standings and a diversity of majors throughout the University. It is directed by D. Douglas Miller of the School of Music faculty.

Films on ceramics

Three short films on ceramics and pottery making will be shown over the lunch hour from 12:10 p.m. to 1:15 p.m. Thursday, Oct. 19, at the Palmer Museum of Art at University Park. The films complement the Museum's current exhibition, "Penn State Ceramics."

"The Meaders Family: North Georgia Potters" is a 30-minute color film about a family of ceramists living in Cleveland, Ga. "Sensei: Master Teacher" was filmed during the residency of potter Manji Inoue at Penn State. The last film, "Maria and Julian's Black Pottery" is an 11-minute silent documentary made in the 1930s about the

famous Pueblo potter, Maria Martinez, and her husband, Julian, at San Ildefonso Pueblo.

The films are free and open to the public. For more information, contact the Museum at 865-7672.

Pianist Leon Bates

Pianist Leon Bates will perform at 8 p.m. Friday, Oct. 20, in Schwab Auditorium at University Park.

The program for the concert, presented by the Center for Performing Arts, is Beethoven's Sonata in B flat major, Schubert's Two Impromptus, Scriabin's Four Etudes and Chopin's Sonata in B flat minor.

An athlete as well as a pianist, Mr. Bates uses his hobby-bodybuilding-to spark enthusiasm for the classics in young people.

"They need to be aware that there is a variety of music that exists in our society," he said. "They need to be aware of the alternatives, so when they decide to listen to music other than pop, they know where to turn."

The performance is supported jointly by grants from the Pennsylvania Council on the Arts and the National Endowment for the Arts.

Tickets are available through the Eisenhower Auditorium Ticket Center and the Playhouse Box Office. Call (814) 863-0255 or (814) 863-1884.

New 'Mame' production

A new, touring production will bring the award-winning, "Mame" to the stage of Eisenhower Auditorium at University Park at 8 p.m. Saturday, Oct. 21.

The show stars Patrice Munsel as the unflappable, zany Mame; Gaylea Byrne is featured as Mame's best friend, Vera, and Bob Wright plays Mame's beau.

The musical ran on Broadway for 3-1/2 years for an incredible 1,508 performances. It won five Tony awards. The production that will visit Penn State will feature a live orchestra.

Tickets are available from the Eisenhower Auditorium Ticket office and the Playhouse Box Office. Call (814) 863-0255 or (814) 865-1884.

Craft classes

The HUB Craft Centre announces openings in craft classes for adults and children beginning late October and early November.

There are openings for adults in stained glass, watercolor, Hardanger embroidery, advanced weaving, and a special one-day patchwork Christmas ornament workshop.

Openings for children are in wheelthrown and handbuilt pottery, stained glass and drawing. A new class in ink loom weaving is available for teen-agers and adults.

For registration information, call the HUB Craft Centre, 312 HUB, at 863-0611



Athlete/pianist Leon Bates will perform at 8 p.m. Oct. 20 in Schwab Auditorium.

Carpooler

Barb is looking for someone to carpool from the Alexandria/Petersburg/Water Street area to Penn State. Hours are 8 a.m. to 5 p.m. Call 863-4826.

University Park Calendar

October 12— October 22 Special Events

Thursday, October 12

Bach's Lunch, 12:10 p.m., Eisenhower Chapel
The Hi-Lo's from the Penn State Glee Club.
Conference on the History of Art Education,
1:30 p.m., Keller Aud., through Oct. 14.
Social History Colloquium, 3:45 p.m., Rare
Books Reading Room, Pattee Library. Galen
Cranz, Univ. of Calif. Refreshments served.
Spanish, Italian, Portuguese Lectures, 8 p.m., 101
Kern. Enrique Pupo-Walker, Vanderbilt Univ.,
on "The Findings and Fables of History: The
Old World and the New."

Friday, October 13

URTC, *Another Country*: The Playhouse, through
Oct. 21.

"Strengthening Our Commitment: A Faculty
Workshop on Curriculum Integration."
Registration: 11:30 a.m., Colonial Room.
Nittany Lion Inn. Also Oct. 14, 8:30 a.m.-1:30
p.m.

Geog. Coffee Hour, 4 p.m., 319 Walker. Audrey
Rodgers on "The Urban Wasteland in the
Poetry of William Carlos Williams."
Refreshments 3:30 p.m.

Shaver's Creek, Autumn Camp-out (for single
parent families), 6:30 p.m.-10 a.m., Moonlight
Cave for Two, 7:10 p.m. Also Oct. 14. Call
863-2000.

Saturday, October 14

School of Music, 2:30 p.m., Recital Hall. Organ
Conference concert, Pa. Collegiate Choral,
Festival Concert.

Center for the Performing Arts, 8 p.m.,
Eisenhower Aud., The Intimate PDQ Bach.

Sunday, October 15

Shaver's Creek, Wild Mushrooms, 2-4 p.m. Call
863-2000.

Carnegie Hall Film Series, 7 p.m., 4 Carnegie.
Zora for Conduct? A Day in the Country, 8:45 p.m.,
Written on the Wind (1956). Free.

Monday, October 16

Comp. Lit. Luncheon, 12:15 p.m., 101 Kern.
Tom Beebe on "Artes Dilemmas and the
Identity of Genre."

Women's Studies, 1:30-3:30 p.m., 12 Sparks.
Women's Studies faculty/advisory committee
meeting. All interested faculty and students are
welcome.

Contemporary Scholarship on Lesbian and Gay
Lives Speaker Series, 8 p.m., HUB Assembly
Room.

Ether Newton, State Univ. of N.Y., on "The
Gay Ladies: Lesbians in Cherry Grove, 1938 to
1961."

Tuesday, October 17

Kent State, Penn State, American College
Personnel Association, Student Affairs Seminar
Series, 6-9:30 p.m., 5 Pattee Library. Dennis
Heitzmann, on "Family Ties: Support or
Pathology?"

Art History Lecture Series, 8 p.m., HUB
Assembly Room, John Pinol, Princeton Univ.,
on "Nicola Michetti and 18th-Century
Architecture in Rome and Saint Petersburg."

Wednesday, October 18

Center for Women's Studies Brown Bag Lunch
Series, noon-1 p.m., C.W.S. Lounge, 120
Boucke, Mary Taylor on "Current
Observations on Women and Alcohol Issues."

School of Music, 8 p.m., Recital Hall. Symphonic
Wind Ensemble.

Thursday, October 19

Meeting of Women's Studies faculty from the
Commonwealth Educational System Campuses,
12 Sparks through Oct. 20

Palmer Museum of Art, lecture, 10 a.m., Palmer
Museum of Art, Douglas Albert, Douglas
Albert Gallery, and Cindi Morrison, School of
Visual Arts, on "Careers in the Visual Arts."

College of Health and Human Development
College Fair, 11 a.m. to 4 p.m., HUB Ballroom.
2nd annual HUB Day celebration, noon-5 p.m.,
HUB Union Building.

Palmer Museum of Art Brown Bag Lunch/film,
12:10-1:15 p.m., Palmer Museum of Art. "The
Meaders Family: North Georgia Pottery."

"Sensei: Master Teacher" and "Maria and
Julian's Black Pottery."

Bach's Lunch, 12:10 p.m., Eisenhower Chapel.
Penn State Concert Choir.

Center for the Performing Arts, lecture, 7:30
p.m., Schwab Aud., Leon Bates, pianist.

Women's Studies, 8 p.m., HUB Gallery, Barbara Katz
Rothman, Baruch College, City Univ. of N.Y.,
on "Recreating Motherhood: Technology in the
Service of Ideology."



John Pinto, Princeton University, will discuss 18th century
architecture in Rome and St. Petersburg at 8 p.m. Oct. 17 in
the HUB Assembly Room.

History of Photography, lecture, 8 p.m., Rare
Books Room, Pattee Library. Sara Stevenson,
Scottish National Portrait Gallery, Edinburgh,
on "Thomas Annan, Pioneer of Art
Photography."

Friday, October 20

College of Health and Human Development
Award Program, 10 a.m., HUB Fishbowl.

Geog. Coffee Hour, 4 p.m., 319 Walker. Adam
Rose on "A Typology of Man-Made and
Natural Hazards." Refreshments 3:30 p.m.

Shaver's Creek, 7:30-9:30 p.m., Owl Prowl. Call
863-2000.

Center for the Performing Arts, 8 p.m., Schwab
Aud., Leon Bates, pianist.

Saturday, October 21

Shaver's Creek, 1:30-3 p.m., Dried Flower
Arranging, 1:30-4 p.m., Junior Archaeologists
at Maseyburg (grades 3-5). Call 863-2000.

Center for the Performing Arts, 3 and 8 p.m.,
Eisenhower Aud., "Mame."

Sunday, October 22

Shaver's Creek, 14 p.m., Halloween Trail
Volunteer Training. Call 863-2000.

Friends of the Palmer Museum of Art, talk, 2:30
p.m., Palmer Museum of Art, Gaye Blake
Roberts, curator, Wedgwood Museum, on
"The English Country House."

Carnegie Hall Film Series, 6:30 p.m., *A Chilly
Talk, Begun Still Cares, Pia. De Dios, Puerto, The
Fly, Hardacre Wars, A. Screws Authors in Search
of a Reader*, 8:15 p.m., *Seen Samana* (1954). 4
Carnegie. Free.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5-6:30
p.m.; Saturday and Sunday, 5-6 p.m.; Morning
Edition, Monday-Friday, 6-8 a.m.; Week-end
Edition, Saturday and Sunday, 11 a.m.-1 p.m.
"Odyssey Through Literature," 12:30 p.m.,
Wednesdays, hosted by S. Leonard Rubinstein.
"Creative License," 12:30 p.m. Thursdays,
hosted by Asa Berlin and Pam Saulnier

Conferences

Continuing Education

Keller Building

Oct. 16-18. Workshop on Microcomputer
Applications for Mining Engineering. R.V.
Ramani, professor and head, Department of
Mineral Engineering, director.

Oct. 18-19. Pennsylvania Association of
Institutional Engineers. Allan Nauge,
architectural engineer, chair.

Oct. 16-20. Underwater Acoustics and Signal
Processing. Alan D. Stuart, assistant professor
of acoustics and research associate, Applied
Research Lab, director.

Oct. 16-20. Short Course on Vibration Control.
Courtney Burroughs, research associate,
Applied Research Lab, coordinator.

Oct. 17. Allegheny Education Broadcast Council.

Marlene Temeles, coordinator.

Oct. 18. Pennsylvania Bar Institute: Advance
Issues in Estate Administration. Jerri Milson, in
charge.

Oct. 18-19. Pennsylvania School Psychologists
Conference. Joseph French, professor of special
education and educational psychology, chair.

Oct. 19-20. International Education. Chuck Herd,
coordinator.

Oct. 19-20. Brief Therapy in Action: A Practical
Model for Mental Health Clinicians with
Simon H. Budman, Ph.D. Deborah R. Kelvans,
research project associate, in charge.

Executive Programs

Nov. 5-10. Executive Management Program #70.
Week III, academic program director, Dr. Peter
D. Bennett, associate dean and professor of
marketing

Nov. 5-17. Industrial Marketing
Management Program, academic program
director, Dr. David T. Wilson, professor of
marketing and managing director, Institute for
the Study of Business Markets.

Seminars

Thursday, October 12

Ecology, 4 p.m., 111 Wartik. Nora L. Benwick,
Coastal Resources Mgmt., USAID, on "USAID
Perspectives on Biodiversity and Conservation
Biology."

Friday, October 13

Agronomy, 3:35-4:25 p.m., 111 Tyson. Daniel
Knivell on "Corn Response to Acid Rain and
Water Stress."

Monday, October 16

Entomology, 3:45 p.m., 204 Patterson. James
Frazier on "Antifeedant Discovery Research at
Duffield."

Tuesday, October 17

Gerontology Colloquia, noon-1 p.m., 101 Health

Illinois professor to give Stone lecture

National Academy of Science member Carl
R. Woese, professor of microbiology at the
University of Illinois, will present the 1980
Robert W. Stone Lecture at 4 p.m.

Monday, Oct. 16, in Room 112 Kern
Building at University Park.

The lecture, titled "Beyond Darwin's
World: Microbial Evolution," is open to the
public.

Dr. Woese is perhaps best known for
developing the technology that
revolutionized the study of evolutionary
biology in microorganisms. His work
resulted in the discovery of a major new
group of bacteria and has led to a
fundamental revision in the method of
classifying bacteria.

He was elected to the National Academy

For information about Penn State
arts and calendar events and the
weather, call 863-1234 and follow the
directions given in the recorded
message.

and Human Dev. East.

Fern K. Willis and Donald M. Crider on
"Observations on Studying a Rural Sample
Across Time."

Biology, 4 p.m., 8 Mueller Labs. Paul Rich,
Stanford Univ., on "Mechanical Architecture
and Ecology of Tree Palms."

Thursday, October 19

Physics Colloquium, 3:30 p.m., 55 Osmond Lab.
Martin Olson, Wisconsin, on "Hadron
Dynamics and Strings."

Ecology, 4 p.m., 111 Wartik. J.R. Pratt on "The
Freshwater Microbial Loop: Another Paradox
of the Plankton."

Friday, October 20

CAMP, 11 a.m., 139 Davey Lab. Glenn Agnotel,
Texas A&M, on "Crystallization Wave at the
Solid-Liquid Interface of 4He."

Physics Colloquium, 3:30 p.m., 119 Osmond
Lab. Steve Koonin, CalTech, on "Cold and Hot
Fusion."

Speech Communication Colloquium, 4:30 p.m.,
109 Chambers, Donovan J. Ochs, Univ. of
Iowa, on "Demotenses: Superior Artistic and
Victorious Monomachist."

Exhibits

Chambers Gallery

School of Visual Arts, Prints and Medallies
through Oct. 13.

HUB Galleries

Art Alley Cases

Items from the Pasto Agricultural Museum,
through Nov. 3.

Personal artifacts from the Vietnam War, selected
by A.J. Turgon, Agronomy, Robert Doyle,
American Studies, and Stewart Koonitz,
Physical Plant, through Nov. 3

Art Alley Panels

Kathleen Fox Ragueza, Eclectic, through Nov. 3

Browsing Gallery

MicroScapes: The Hidden Art of High
Technology, sponsored by AT&T, through
Nov. 8.

Fornal Gallery

Vietnam Veterans Memorial: A National
Experience, through Oct. 29

Kern Gallery

College of Engineering Research Exhibition,
through Oct. 31.

Kevin Slick, watercolors through Oct. 28
Artifacts from the Pasto Agricultural Museum,
through Oct. 28.

Penn State Creamery (the early days), through
Oct. 28

Artifacts from the Armby Calumet Exhibit
through Oct. 28

The French Revolution Machine, through Feb.
28

Palmer Museum of Art

Turn-of-the-Century European Pottery from the
Museum's Collection, through Nov. 5

Ceramics from Penn State Collections, through
Nov. 19

Bellefonte Collects, through Oct. 22

Pattee Library

East Corridor Gallery:
Jorene Rath, Simplification of Form, through
Nov. 17

Lending Services

Kevin Slick, paintings, through Oct. 20

Rare Books Room

The World and the Italian Architect, through
Oct. 21

Zoller Gallery

Clay in the East, through Nov. 11

of Sciences in 1988. He also is a fellow of
the American Academy of Arts and
Sciences, the Indian National Academy of
Sciences and several German national
scientific societies.

A member of the University of Illinois
faculty since 1964, he is a member of its
Center for Advanced Study as well as
professor of microbiology. He also holds
membership in the Canadian Institute of
Advanced Research.

The Stone lecture is named in honor of
the late Robert W. Stone, chairman for 23
years of the former Department of
Microbiology, now part of the Division of
Molecular and Cell Biology. The lecture
is supported by gifts from microbiology
graduates and friends.

Appointments

Christine A. Arbutina has been named membership coordinator for public television station WPSX-TV, Penn State. Her duties will include the handling of the station's member services and benefits to members of the station.

A graduate of Grove City College, Ms. Arbutina was development assistant for the College of Business Administration. Prior to that, she worked as a reporter for *The Capital Times* and for *The Call-Star Times*.

Alicia Bunnell has been appointed classification analyst in the Office of Human Resources.

A graduate of California Polytechnic State University, she received an M.A. degree from San Jose State University and an MBA from the University of Phoenix both in San Jose, Calif.

Prior to her appointment, she was an assistant in the Division of Planning Studies and a senior marketing analyst for Trimarch Inc., of State College. She previously had been sales coordinator and personnel administrator for California Eastern Labs, Inc., of San Jose, Calif., and sales/contract administrator, product marketing specialist, and product manager for Triam Corp., also of San Jose.



Christine A. Arbutina

Nancy E. Sassano has been appointed coordinator of the Health Promotion Program in the Office of Human Resources.

Ms. Sassano has been an instructor in the Department of Health Education in the College of Health and Human Development since August, 1987. A graduate of the State University of New



Alicia Bunnell

York College at Cortland, she received an M.Ed. degree in health education from Arizona State University and is a doctoral candidate in health education at Penn State.

She has taught health education at the high school level and was visiting instructor in the Department of Health and Physical Education at Arizona State.



Nancy E. Sassano

She is a member of American School Health Association, American Alliance for Health, Physical Education, Recreation and Dance, Association for the Advancement of Health Education, American Public Health Association, Association for Fitness in Business, and the New York State Federation of Professional Health Educators.

News in Brief

Highway emergency banners

"Call Police" emergency banners, designed for use in highway emergencies, are available from the Department of University Safety, 12 Grange Building, University Park, at a cost of \$1.50. For more information, contact Robert McNichol at 865-5458.

International education conference

The Pennsylvania Council for International Education will celebrate its 20th anniversary at its annual conference Oct. 19 and 20 at the Keller Conference Center.

About 100 participants are expected to attend the conference, which is hosted by the University Office of International Programs. The focus will be on internationalizing the educational curriculum.

For registration information, call Tamar Rahmani, assistant to the deputy vice president, Office of International Programs, at 865-7681.

Book Review Group

Robert K. Murray, professor emeritus of American history, will speak to the Book Review Group of the Faculty Women's Club at 1:30 p.m. Monday, Oct. 23, at the home of Joell Ferguson, 607 Wiltshire Drive, State College.

Call for program proposals

Program proposals are being accepted for presentations, workshops, and poster sessions for the 1990 Microcomputer Information Exchange Conference scheduled for March 9-10 at the Keller Conference Center at University Park. The deadline to submit a proposal is Oct. 23.

The conference gives participants the opportunity to acquire and share up-to-date information about the use of microcomputers, it will be of interest to K-12 educators, school administrators, educators in higher education and business and home users.

For a program proposal form and/or more information, contact Donna Ricketts, Conference Coordinator, 409 Keller Conference Center, 863-1743.

Public lecture

Stephen E. Ambrose, Boyd professor of history at the University of New Orleans and Johnson professor of

history at the United States Military History Institute will present a public lecture, "Nixon and Watergate," at 7 p.m. Tuesday, Oct. 24, in Room 105 Chambers at University Park.

As part of the History Department Colloquium Series, Professor Ambrose will speak on "Eisenhower: The General and the President" at 4 p.m. Oct. 24 in the Memorial Lounge of Eisenhower Chapel.

Professor Ambrose is the author of 10 books on military affairs and well-received biographies of Dwight D. Eisenhower and Richard M. Nixon.

Workshop set

A workshop for department heads, graduate admissions officers and others who work with international students will be held three times in Room 305 Hetzel Union Building: 10 to 11:30 a.m. Wednesday, Oct. 25; 10 to 11:30 a.m. and 1:30 to 3 p.m. Thursday, Oct. 26.

It will focus on new procedures for monitoring academic progress and establishing duration of degree programs; new, earlier admissions deadlines for international students; and coordinating the Office of International Students' orientation with departments' orientations and testing.

The annual workshop is presented by the Office of International Students.

Genetics symposium

The intercollegiate program in genetics will hold its annual symposium from 10 a.m. to 5 p.m. Saturday, Oct. 28, in lecture room A at the Hershey Medical Center.

The 1989 symposium titled "Genetics from Bacteria to Man" will focus on the genetics of bacteria, yeast, plants, Drosophila, and humans.

Persons interested in attending should register by calling Claire Grill at (614) 863-0926 or Anita Hopper at (717) 531-0008.

WPSX-TV receives grant

The National Telecommunications Information Agency (NTIA) of the U.S. Department of Commerce, has awarded public television station WPSX-TV a grant to purchase new and needed equipment for the station.

The project, worth more than \$250,000 (which includes matching funds from WPSX-TV), will be used by

the station to purchase new equipment as well as replace older equipment in an effort to upgrade the facility.

Infant research

A University researcher is looking for 12- to 19-month-old babies to participate in a study of infant development.

Jude Cassidy, assistant professor of psychology and human development, is interested in learning how infants respond physiologically to a variety of events or situations, including posed emotional expressions and the presence of unfamiliar adults.

Mothers of participating infants will bring their babies to the laboratory playroom in Moore Building for a 45-minute session. The activities, which will be videotaped, involve no risk to the infants.

Daytime, evening and weekend appointments are available. Call Dr. Cassidy at 863-1729 for more information.

Economic development seminar

The Office of the Associate Vice President for Sponsored Programs, Technology Transfer and Industrial Liaison is sponsoring an Economic Development Seminar at the University Park Campus on Wednesday, Nov. 8.

The seminar is designed to acquaint participants with the full range of resources available to University service delivery organizations engaged in economic development, and also to receive feedback regarding resources that should be added or expanded on.

If you have not received personal notice of this event, but feel it would benefit you to attend, contact Brenda Shaw at 865-0277 for further information.

World War II sources sought

The Institute for the Arts and Humanistic Studies is seeking to identify source persons with a significant experience in some aspect of World War II to share their expertise with students to make courses related to World War II more meaningful.

University faculty and staff members, including retirees, who would be willing to volunteer a day or two to visit one or more classes in an appropriate discipline, are asked to contact the

Institute for the Arts and Humanistic Studies, Ithens Cottage, University Park, telephone (814) 865-0495 to place their name, World War II expertise, and contact telephone number on file.

The effort is part of a Penn State plan to mark the 50th anniversary of America's entrance into World War II in 1991. Such courses as may be developed could be initiated as early as 1991 and could continue to be re-offered in subsequent years.

Research subjects sought

Persons diagnosed with irritable bowel syndrome (IBS) or tension headaches are needed for a study run by the Department of Psychology.

The study is concerned with the psychological aspects of these disorders. Participation involves a one-hour interview. A support group is offered for all volunteers.

Contact Kirk Shadick at 865-2191 or leave a message (name, home and office phone numbers, best time to be reached) at 867-4594.

Center gets grant

The Penn State Australia-New Zealand Studies Center has been awarded approximately \$38,000 by the Australian government to help fund the center's programmatic expenses during the coming year.

The award will be used by the center for programs that provide all University, public, policy and scholarly community impact.

The center also received a separate award from the Australian Ministry for Defense for scholarly undertakings in defense studies.

Fulbright grants

Fulbright Junior Research Grants to Israel are available in any field for 1990-91.

Applicants should be young scholars who hold a recent Ph.D. or who will have a Ph.D. by the time the award begins. The awards support research in any field by scholars who have not previously studied or conducted research in Israel.

Contact Elizabeth B. Smith, University Fulbright program adviser, 222 Boucke, 865-7681, for information and applications.

Dr. Crawford cited

James P. Crawford, assistant professor of physics at Penn State Fayette Campus, has received awards for excellence in teaching as well as excellence in scholarship and research.

"This is a unique achievement for Dr. Crawford," John D. Sink, campus executive officer, said. "Other faculty members at Penn State-Fayette have earned each of these honors in different years, but no faculty member has merited both of these distinguished awards in the same year."

Dr. Crawford earned a B.S. in physics at Worcester Polytechnic Institute and a Ph.D. in physics at the University of Colorado.

He joined the Penn State-Fayette faculty in 1983 after serving as a research and teaching assistant and as assistant professor of physics at the University of Colorado. He previously had been a consultant on fluid mechanics for a patent attorney and a consultant on data analysis for the University of Pittsburgh.

As part of his research and teaching activities, Dr. Crawford has received a number of grants from the Fayette Campus Advisory Board, the Eberly Foundation and NATO.

Partings

Carolyn O. Pearce, conference scheduler for the Keller Conference Center, has retired after 23 years of service to Penn State Continuing Education.

A State College native, she started her career as a conference clerk and scheduler in the early 1960s, when headquarters were in the Temporary Union Building, now the Paul Robeson Cultural Center. The "TUB" consisted of two classrooms and an auditorium.

Ms. Pearce saw many changes over the years, including an increase in the number of conferences at University Park from 113 in 1960 to 393 in 1988.

She also witnessed a tremendous growth in the variety of conferences. "We used to run a lot of programs for agriculture, engineering and union groups. Now it seems like we have conferences on everything. One of the most memorable programs in the early days was a goat conference-with live goats."

While she enjoyed her years with Continuing Education very much, Ms. Pearce is ready to try out the new set of custom golf clubs her husband bought for



Carolyn O. Pearce

her. And she's looking forward to spending more time on her rose garden.

She and her husband, Richard, who retired in January, will be spending more time with their family as well. They have a

son, Richard, who is business manager for the Keller Conference Center, and a daughter, Nancy Smith, who works for Bi-Lo in State College. The Pearces have four grandchildren: Megan, Rob, Mike and Matt.

Robert B. Adams, director, Center for Instructional Design and Interactive Video, Commonwealth Educational System, from Jan. 2, 1975, until Aug. 19.

Lewis Hartwick, research engineering aide, from Jan. 2, 1979, until Sept. 1.

Pauline Anthony, janitorial worker at Mont Alto, from Jan. 9, 1972, until Oct. 1.

Harry Beck, farm machinery operator, Agriculture, from June 15, 1970, until Oct. 1.

Dolores Hanyak, instructor, Health and Human Development, from Nov. 1, 1973, until Oct. 1.

Patricia Harchak, secretary, Liberal Arts, from Sept. 30, 1974, until Oct. 1.

Vivian Jackson, residence hall utility worker, Housing and Food Services, from Sept. 9, 1979, until Oct. 1.

Rose M. Mulhern, receptionist at Hazleton Campus, from Sept. 4, 1979, until Sept. 7.

Obituaries

Thomas C. Benton, professor emeritus of mathematics, died Oct. 2 at the age of 87.

A 1923 graduate of the University of Pennsylvania, he received his doctorate in mathematics from the University of Pennsylvania in 1928.

Dr. Benton served as a teaching assistant at the University of Pennsylvania from 1927 to 1928 and as an instructor in mathematics at Yale University from 1928 to 1931 when he joined the Penn State faculty. He retired in 1968.

Hugh J. Gallagher, maintenance mechanic at Penn State Erie, The Behrend College, from Oct. 1, 1948, until his retirement July 1, 1965, died Oct. 1. He was 86.

William R. Gordon, professor emeritus of rural sociology extension, died Sept. 13. He was 97.

A graduate of West Virginia University, Professor Gordon joined the University staff in 1922 and served until 1934 when he became head of the Department of

Sociology and Rural Life at the Rhode Island State University.

He returned to Penn State in 1942 and retired with emeritus rank in 1957. Following retirement, he served as senior training officer in the Community Development Division of the U.S. State Department.

Charles M. Redenius, professor of political science at Penn State Erie, The Behrend College, died Oct. 1. He was 48.

He joined the Penn State-Behrend faculty Sept. 1, 1973. During his career, he served as acting head of the Division of Business and the Social Sciences (1983-86), before the division was split into the Division of Humanities and Social Sciences and the School of Business. He also was acting director of the School of Business (1986-87).

In 1988-89, he was a visiting professor of political science at the University of Huang He in Cheng Zhou, China, and at Deacon University in Geelong, Australia.

He earned a B.A. degree (1965) from Western Michigan University, Kalamazoo, and M.A. (1965) and Ph.D. (1968) degrees from the University of Michigan, Ann Arbor, all in political science.

Bookshelf

With the "boom" or spectacular explosion of innovative novels beginning in the 1960s, Latin American literature won unprecedented international acclaim. One of the first of these bright literary stars was the Mexican novelist and short story writer, Juan Rulfo.

Terry J. Peavler, professor of Spanish and comparative literature, is the author of a book on this important writer. The study, *El llanto en llanto: el mito narrativo de Juan Rulfo (The Tact in Lament: Juan Rulfo's narrative with the first in the new critical series)*, University of Texas Studies in Contemporary Spanish-American Fiction, published by Peter Lang.

Dr. Peavler's book provides an in depth analysis of the extremely complex narrative structures in Rulfo's two major works: *El llanto en llanto* (*The Tact in Lament*)—a collection of short stories, and *Pedro Parameo*—a superbly complex novel about the life and death of a modern Mexican "cacique" or wealthy land baron and despot.

The book is intended for all readers of Juan Rulfo, whether they be reading the

Mexican writer for the first time and in need of assistance in trying to understand these complex texts, or specialists who want a reference work to use in their investigations.

Dr. Peavler received his Ph.D. from the University of California in comparative literature. His other books include: *Indications: The Novel as Discourse* published in 1987 by the University Press of America and the forthcoming *Juan Rulfo in the Twynay World Authors Series* published by G.K. Hall.

Barbara Gray, associate professor of organizational behavior, is the author of a new book which offers an innovative way for groups and organizations to tackle complicated issues arising from such diverse circumstances as urban development and depletion of the Earth's ozone layer.

The book, *Collaboration*, describes methods to beat politics, polarization and private agendas. Subtitled: *Finding Common Ground for Multiparty Problems*, it is a joint publication in the *Jersey Bass Management Series* and the *Jersey Bass Social and Behavioral Sciences Series*.

Promotions

Staff Exempt

Jerry Boyles to manager, physical plant human resources in Office of Physical Plant.

Ricky Brandt to safety and security officer at Berks Campus.

Richard F. Bupp to superintendent, golf course in Auxiliary/Recreation Services.

Sharon Howell to senior financial aid coordinator in Academic Services.

Eunice M. Hudzik to building coordinator in Intercollegiate Athletics.

M. Elaine Kuncz to laboratory supervisor in Science.

Robert E. O'Connor to senior data base programmer in C&IS/Management Services.

Dale Patterson to admissions counselor at Behrend Campus.

Dale Roth to manager, auxiliary/recreational services in Auxiliary/Recreation Services.

Melanie S. Rupert to financial aid coordinator, data validation in Academic Services.

Denise C. Stein to emergency services manager, emergency at Hershey.

Robin A. Tallon to senior research aide in Vice President for Research and Dean of the Graduate School.

Marsha Tate to operations supervisor, documents/maps in University Libraries.

Staff Non-Exempt

Sandy Carl to research technologist in Earth and Mineral Sciences.

Christopher J. Hamilton to research technician at Hershey.

Joan M. Halligan to senior research technician at Hershey.

Victoria H. Hartman to research nurse at Hershey.

Brian L. Kline to engineering aide in Applied Research Lab.

Scott T. Kramer to research technician at Hershey.

Wendy Lawrence to senior research aide in Vice President for Research and Dean of the Graduate School.

Evelyn Smith to acquisitions assistant in University Libraries.

Barbara A. Stainbrook to nurse clinician at Hershey.

Clerical

Charlene J. Detweiler to clerk A in Auxiliary/Recreation Services.

Stephanie Kay to secretary C in University Libraries.

Debra Greenleaf to secretary B in Student Services.

Carol Hendershot to records clerk in Commonwealth Educational System.

Carol Krusch to bindery, clerk A in University Libraries.

Orpha M. Matjasic to secretary B at Hershey.

Carol L. Nelson to clerk, pharmacy A in Student Services.

Dianne Russell to secretary C in Academic Services.

Debra M. Shay to accounting clerk in Vice President for Research and Dean of the Graduate School.

Susan R. Smith to clerk A in Commonwealth Educational System.

Barbara L. Smitley to secretary B in Undergraduate Programs.

Mary Ellen Whalen to secretary B in Health and Human Development.

Christine Yecina to clerk, stock control A in Office of Physical Plant.

Technical Service

Daniel Auman to housing and food service relief worker in Housing and Food Services.

Thomas Basalla to maintenance worker, general B in Office of Physical Plant.

Sally A. Berly to shipping clerk in Penn State Bookstore.

Ginger R. Bigler to food preparer B in Housing and Food Services.

Patricia A. Black to residence hall worker in Housing and Food Services.

Sally L. Catherman to food preparer B in Housing and Food Services.

Lisa W. Dinunzio to patient care assistant A at Hershey.

Timothy W. Duval to maintenance mechanic A at McKeesport Campus.

Joanne R. Guher to food preparer B in Housing and Food Services.

Donald P. Jary to food preparer B in Housing and Food Services.

Judith Kightlinger to snack bar worker A in Housing and Food Services.

Michelle McClarren to dining hall worker A in Housing and Food Services.

John Petro to maintenance worker, utility in Office of Physical Plant.

Terry Richardson to maintenance worker, utility in Office of Physical Plant.

Ruth M. Rock to food preparer A in Housing and Food Services.

Stephen E. Sellers to AV technician A in Commonwealth Educational System.

Lois M. Smith to patient care assistant A at Hershey.

Debra D. Weaver to food preparer B in Housing and Food Services.

Gloria J. Wegman to patient care assistant A at Hershey.

Keith Yocum to property protection guard in University Safety.

In the chemical sciences

Nobel laureate will give 1989 Marker lectures

Nobel laureate Jean-Marie Lehn, who holds chemistry professorships at the Louis Pasteur University in Strasbourg and the College de France in Paris, will give the 1989 Russell Marker Lectures in the Chemical Sciences Oct. 10 through 18 at University Park.

The series of four, free lectures, titled "Supramolecular Chemistry - Scope and Perspectives," is sponsored by the College of Science and is open to the public.

The lecture schedule is: "Chemistry Beyond the Molecule - Molecular Recognition," 8 p.m. Monday Oct. 10, Room 16, Room 117 Osmond Laboratory; "Supramolecular Catalysis and Enzyme Models," 4 p.m. Tuesday, Oct. 11, Room 117 Osmond Laboratory; "Transport Processes and Molecular Devices," 8 p.m., Tuesday, Oct. 17, Room 117 Osmond Laboratory; "Molecular Information and Self-Organization," 12:30 p.m., Wednesday, Oct. 18, Room 55 Osmond Laboratory.

Dr. Lehn and American chemist Donald



Jean-Marie Lehn

J. Cram and Charles J. Pedersen were honored with the 1987 Nobel Prize in

Chemistry for their work in the field of supramolecular chemistry.

Dr. Lehn has been honored in France with the National Center for Scientific Research Gold, Silver, and Bronze Medals; the Chemical Society Adnan and Raymond Berr Prizes; the Academy of Science Atomic Energy Commission Prize; the City of Paris Vermell Medal; and the Society for the Encouragement of Progress Gold Medal. He also has received the Pontifical Academy of Sciences Gold Medal and prizes from Belgium, Swiss, German, British, and Italian universities and professional societies.

A foreign associate of the U.S. National Academy of Sciences, he also is a foreign honorary member of the American Academy of Arts and Sciences and a foreign member of the Royal Netherlands Academy of Arts and Sciences.

The Marker Lecture series were established in 1984 through a gift from Russell Marker, professor emeritus of chemistry.

Bookshelf

The interaction view of metaphor is examined in detail by Carl R. Hausman, professor of philosophy, in his recently published book, *Metaphor and Art* (Cambridge: University Press).

The book gives a broad outline of the use of metaphor, showing how metaphor can be applied to the visual arts and music, as well as to literature and certain aspects of science. Dr. Hausman's account emphasizes the importance of tension in creative metaphors, noting that it is critical to the creative insights provided by many metaphors.

Metaphor and Art both criticizes and extends the interaction view of metaphor and demonstrates how metaphors can themselves not only create new meaning but also participate and contribute to the evolution of nature. In extending the interaction view, Dr. Hausman provides a new theory of metaphysical reference.

How creative metaphors are integrated, Dr. Hausman says, is crucial to the role played by tension, assuming that a metaphor resists becoming frozen or dormant.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304.

NETWORK LINE ASSOCIATE. Applications for these staff vacancies will be accepted until Oct. 19, 1989. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with fair employment practices (FEPs) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age, as provided by law, sex, or status as a disabled or Vietnam era veteran.

• **Medical Social Worker/Program Coordinator, University Hospital, The Department of Social Sciences, Hershey Medical Center.** Responsible to the manager, Social Services, for the coordination of non-medical services to patients, oncology patients and families. Supervise assigned social work staff and provide direct social work services to patients, oncology patients. Requires master of social work degree from accredited college or university and equivalent plus two to three years of relevant experience. STAFF GRADE 5.

• **Research Support Associate, College of Medicine, The Department of Microbiology, Hershey Medical Center.** Responsible to a principal investigator for the day to day conduct of ongoing research programs as well as the development of new projects and related experiments. Requires master's degree or equivalent in biology, chemistry, etc., plus two to three years of relevant experience. STAFF GRADE 5.

• **Director of Development, Division of Development and University Relations, College of Earth and Mineral Sciences, University Park.** Responsible to the executive director of university development for all fund raising programs and related activities for the College of Earth and

Mineral Sciences. Requires bachelor's degree or equivalent, in marketing, communications or related fields, plus five to five years of effective experience in fund raising in a nonprofit environment with evidence of skill in verbal and written communications. Travel required. STAFF GRADE 9.

• **Associate Director, Planned Giving, Development and University Relations, University Park Campus.** Assist the director of planned giving in identifying and cultivating planned giving prospects and donors. Travel is required. Requires bachelor's degree or equivalent plus four to six years of effective experience in fund raising (preferably in higher education or financial planning). Familiarity with planned and deferred giving techniques desirable. Excellent written and verbal communication skills and interpersonal skills are essential. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1990 WITH GOOD POSSIBILITY OF REFUNDING STAFF GRADE 8.

• **Admissions Counselor II, Academic Services, Undergraduate Admissions, University Park Campus.** Responsible to the director, Division of Academic Services and Management, for general assistance in handling more complex admissions matters in an assigned functional area. Participate in admissions activities as assigned. Requires bachelor's degree or equivalent plus one to two years of effective experience in educational administration or in a related field. STAFF GRADE 6.

• **Producer Director, CES, University Division of Media and Learning Resources, WFSX-TV, University Park Campus.** Responsible to the head, Instructional Design and Production, for the design planning and coordination of all phases of production for assigned media projects. Requires bachelor's degree in television film production communications, instructional design or closely related field plus one to two years of effective experience in media production. Excellent writing skills and the ability to work closely with faculty and content specialists in a team environment are essential. STAFF GRADE 6.

• **Computer Operator, Computer and Information Systems, Library Computing Services, University Park Campus.** Responsible for preparing the computer for program processing and for satisfactory completion of each scheduled computer operation. Requires high school graduate with operator's training in basic computer systems equivalent to two years of college plus one to two years of effective experience in computer operations. STAFF GRADE 4.

• **Manager-Student Loans and Scholarships, Corporate Controller, University Park Campus.** Responsible to the bursar for the administration and records management of trust funds established by donors and the Board of Trustees, supervision of employees and the development of methods and procedures for the efficient operations, disbursement and collection of various funds available to the University. Requires bachelor's degree or equivalent in accounting or a closely related field plus four to five years of effective experience in an institutional setting. Knowledge of computer/trust fund institutional accounting and University policies/procedures, as well as experience in loan collection is desirable. STAFF GRADE 8.

• **Customer Service Representative, Office of Physical Plant, Project Management, University Park Campus.** Responsible to the senior CSR for physical plant/customer liaison. Obtain project details following project requests from customers. Prepare estimates identifying manpower and materials necessary to complete a project. Requires associate degree or equivalent technical training such as a completed apprenticeship in a building trade plus three to four years of effective experience in estimating construction and maintenance work for the building trades. Public relations skills essential. STAFF GRADE 6.

• **Assistant Manager, Housing Services, Housing and Food Services, University Park Campus.** Responsible for administering and coordinating housekeeping operational functions in a specified residence hall(s). Coordinate the activities of technical service employees, inspect work being performed, inspect area and recommend changes in routine. Requires high school graduation or equivalent plus two to three years of effective experience. STAFF GRADE 5.

Committee will conduct internal search

An advisory committee has been appointed to conduct an internal search for a Geography Department head to replace C. Gregory Knight, who was appointed vice provost and dean for undergraduate education in July. Ronald F. Abler, acting head of the department, chairs the committee.

Members are geography faculty Alan M. MacEachren, Donna J. Pequet, Lakshman S. Yapa, and Brenton M. Yarnale; geography students Tiffany M. Boyd and Mark A. Leitwell, and John J. Calkins, associate dean for resident instruction, College of Earth and Mineral

Sciences. The committee seeks an effective leader for Penn State's internationally prominent geography program. Candidates should have an earned doctorate in geography, a substantial record of scholarly accomplishments, and leadership experience or potential.

Nominations and applications, accompanied by two copies of a curriculum vitae, should be sent to John Dutton, dean of the College of Earth and Mineral Sciences, 116 Deike Building, University Park. Nominations and applications will be received until Oct. 31.

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7517.

William E. Campbell Jr., Editor
Deborah A. Benedetti,
Assistant Editor
Kathy Garman, Calendar

October 12, 1989
Vol. 19, No. 8

DIVERSITY WORKSHOPS

The second in a series of cultural diversity workshops will be held Nov. 14 and 16 at the State College Hotel.

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Renaissance Fund to honor President and Mrs. Jordan

President Jordan and Jonelle Jordan will be honored at the 13th annual Renaissance Scholarship Fund dinner at 7 p.m. Wednesday, Nov. 15, at the Elks Country Club in Boalsburg.

Proceeds from the dinner will benefit financially needy students who have outstanding academic records.

"Dr. and Mrs. Jordan have been strong supporters of the Renaissance Fund since they came to Penn State," Cal Zimmerman, president of the fund's board of directors, said. "We think it's appropriate that, in their last year at the University, they should receive this recognition."

President Jordan last month announced he will retire Aug. 31, 1990.

He came to Penn State in 1983 from the University of Texas system, where he had served as executive vice chancellor for academic affairs, the system's chief academic operating officer.

Bryce and Jonelle Jordan met while majoring in music education at the University of Texas at Austin and were married in 1948. He went on to earn a master's degree from UT Austin and a Ph.D. in musicology from the University of North Carolina at Chapel Hill. She pursued a career as a music teacher.

Dr. Jordan joined the music faculty at the University of Maryland in 1954 and later headed music departments at the University

Photo: Scott Johnson



Jonelle and Bryce Jordan

of Kentucky and UT Austin.

In 1968 he was named vice president for student affairs at UT Austin and two years later became the university's acting

president. In 1971, he became founding president of the University of Texas at Dallas and served until 1981, when he was appointed executive vice chancellor.

During Dr. Jordan's six years at Penn State, the University has nearly doubled expenditures on research and development; increased graduate enrollment by 20 percent and minority enrollment by 70 percent, tripled its endowment, and secured a 61 percent increase in state appropriations.

Dr. Jordan also guided a six-year effort to raise \$300 million in private support for Penn State. The Campaign for Penn State, which is scheduled to end June 30, 1990, had achieved \$291.4 million as of Sept. 30, much of it directed toward student aid, including Renaissance Scholarships.

Jonelle Jordan has been especially interested in furthering excellence in the fine arts at Penn State and in raising funds for scholarships.

The Jordans have a daughter, Julia, and a son, Christopher, both living in Texas.

Since the Renaissance Fund was established in 1969, it has received more than \$1.6 million in gifts and supported 678 students, including 126 who are currently Renaissance Scholars.

For every \$10,000 raised at the dinner, the University will establish a Renaissance Scholarship in the Jordans' name.

Dinner reservations are available for \$30 each at 17 Old Main, University Park, Pa. 16802. For more information, phone (814) 863-2052.

Grading system change approved for medical students

The University Faculty Senate approved a change to the grading system for medical students, as well as two proposals dealing with faculty input in physical planning at its Oct. 10 meeting.

The Senate wrapped up agenda items postponed from Sept. 12 and those on the October agenda before proceeding with a forensic session on cultural diversity in the curriculum. (See related story this page.)

A modification to the grading system for students at the Hershey Medical Center will more clearly differentiate levels of achievement. M.D. candidates now receive honors, pass or fail grades for 400- and 500-

level preclinical courses and 700-level clinical courses.

A new designation, "high pass," will be added to distinguish the very good from the average student.

Dwight Davis, Senator from Hershey, said the change will assist medical students in competing more successfully in residency programs. He estimated that 10 percent of medical students earn an honors grade, while 20 percent would qualify for high pass.

The Senate also approved two proposals from the Committee on Academic and Physical Planning dealing with the use of

faculty expertise in physical planning and the creation of a facilities planning advisory board. The Office of Physical Plant endorsed both proposals.

The advisory and consultative proposals could lead to faculty involvement in decisions about alterations to existing buildings and reconfiguration of roads and walkways and participation in planning studies.

The committee envisions three levels of faculty involvement: advising the administration on general planning matters, assisting with review plans and proposals submitted by outside agencies, and being

retained formally to solve specific problems, prepare plans or conduct studies.

The proposal states: "The University administration is encouraged to involve more faculty members in the general process of facilities planning at all levels. No specific legislation is needed to activate the 'network.' The strength of the network lies in its informality and the willingness of faculty members to participate whenever possible."

In a related proposal, the committee recommends the creation of a University Facilities Planning Advisory Board "to

(Continued on page 3)

Senate discusses cultural diversity and the curriculum

The consensus of opinion that emerged from a discussion of cultural diversity and the curriculum indicates a desire by faculty, staff and students to include cultural diversity in the curriculum.

During the University Faculty Senate's second forensic session on cultural diversity (Oct. 10), which lasted one hour and 40 minutes, seven invited speakers addressed the issue of cultural diversity and the curriculum.

While no single solution emerged from the presentations and discussion which followed, the session served to provide a forum for the expression of a wide variety of views both for and against including cultural diversity issues in the curriculum.

Speakers suggested that cultural diversity could be addressed by creating a required course or by integrating diversity issues into a variety of courses.

Senators will use the discussions from the two forensic sessions on diversity topics (the first one was held Sept. 12) to consider future legislative proposals. Senate chairperson Janet Atwood said.

Invited speakers included:

Thomas Merritt, past Senate chair, said diversity has been a goal fostered by the Senate since 1971, when the Senate made it a BDR objective. The Senate has continued to promote knowledge of other peoples and cultures

through the general education program changes of the 1980s and its role in approving courses.

Mary Dupuis, Senator/Education, urged the Senate to act quickly to implement a single course every student would

take or authorize the use of a variety of courses within the general education program. She said it is time for the University to move to the forefront of institutions in

(Continued on page 3)

President Jordan's statement on anti-Semitism

Anti-Semitism is manifesting itself here at Penn State as it is at an alarming rate nationally in recent months. I want to reinforce my comments made to the Faculty Senate. The University feels strongly that anti-Semitism, and all forms of intolerance toward others, is repugnant and has no place at this University or in the communities where we live.

Remarks and acts that are aimed to hurt one group are very much an attack on all the groups that compose our society. The unity being sought by so many at Penn State is a realistic goal. Educating groups that act out of ignorance is one key and something a major university should be well-equipped to pursue.

But for those other individuals who act out of hatred

there are often sanctions that can be pursued and we urge those avenues be explored thoroughly.

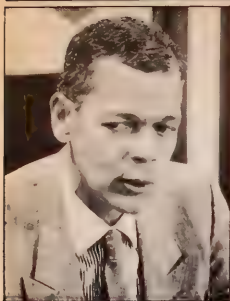
In one local incident that is under review, a fraternity and some of its members face scrutiny for actions at a recent social event. Following protocols we have in place, both the Interterritorial Council and the University's Student Services staff immediately began investigations into the events in question.

Penn State will continue to pursue every means available promoting cultural, ethnic and religious diversity for all those who come to this institution, whether as students, faculty or staff.

Bryce Jordan

Focus on Diversity

Diversity Opportunities Calendar



Former Georgia State Senator Julian Bond talks to reporters prior to speaking in Schwab Auditorium at University Park as part of Minority Careers Awareness Day. Photo: Scott Johnson

WPSX-TV programs

"Where the Soul Lives," the final episode of *Movers: The Power of the Word* airing at 9 p.m. Friday, Oct. 20, on WPSX-TV returns to the 1988 Geraldine R. Dodge Poetry Festival.

Featured reading her poems is Lucille Clifton, whose writings often focus on experiences specific to women but also are influenced by her black heritage.

The Journey of Carlos Fuentes: Crossing Borders, airing at 2 p.m. Sunday, Oct. 22, is a portrait of Mexico's leading novelist, Carlos Fuentes. Filmed in Mexico, Nicaragua and the United States, the program follows Fuentes as he unravels the mysteries of Aztec ruins, tours a Central American war zone and recalls his childhood meeting of President Roosevelt.

Thursday, Oct. 19

Leon Bates will speak about his experiences as a black concert pianist at 7:30 p.m. in Schwab Auditorium as part of the Artists Viewpoints Lecture Series.

Barbara Kat Rothman, professor of sociology at Baruch College, City University of New York, will present a lecture on "Recreating Motherhood: Technology in the Service of Ideology" at 8 p.m. in the HUB Gallery.

The third annual meeting of Women's Studies faculty from the Commonwealth Educational System campuses will be held today and tomorrow. Schedules are available in 13 Sparks.

Friday, Oct. 20

Proposal writing is the topic of the second

in a series of faculty development workshops sponsored by the Office of Minority Faculty Development, 9 a.m. to 5 p.m. in 101 Kern Building.

George Campbell Jr., president of the National Action Council for Minorities in Engineering Inc., will present a lecture titled "Challenge for Increased Diversity in the 21st Century Workplace" to students at 3:45 p.m. in 301 Steidle Building.

Wednesday, Oct. 25

Author and feminist-activist Rita Mae Brown will discuss her works and share her views at the Pennsylvania College of Technology. For more information, call (717) 326-3761.

Tomas Ybarra-Frausto, associate director of arts and humanities, Rockefeller

Foundation for the Arts, New York City, will speak on "The Chicano Movement and the Movement of Chicano Art" at noon in the Palmer Museum of Art, and he will discuss "People of Color and the New American Aesthetic: Helping to Form New Visions of American Art" at 4 p.m. in 305 HUB.

Radio talk show Perspectives will focus on "Inside the National PanHellenic Council (African-American Greek Letter Organizations): A History of Progression or Regression" at 6:30 p.m. on WPSU-FM 91.1.

Thursday, Oct. 26

Project Growth is sponsoring a seminar on AIDS at 8 p.m. in the Paul Robeson Cultural Center.

Class organized

University students in the Liberal Arts Undergraduate Council have organized a class offered next Spring Semester exploring majority responses to minority issues.

Listed as Liberal Arts (LA) 400 in the University Schedule of Classes, Majority Responses to Minority Issues will give students an opportunity to gain insight into the prominent minority issues that surround both the college community and our society as a whole.

Specifically, the course will examine current racial attitudes and how they developed, and African American protests, and majority responses to them, from historical, political, economic, and social perspectives. Students in the class will have an opportunity to express their points of view and become more informed and aware of these issues.

Each successive semester of LA 400 is unique in that it presents students with a new topic each time the course is offered.

Open to all students, the one-credit course will meet on Tuesdays from 1:25 to 2:15 p.m., and can be used to fulfill elective requirements.

In Diversity Lecture Series

Foundation official to speak

Tomas Ybarra-Frausto, associate director of arts and humanities, Rockefeller Foundation for the Arts in New York City, will be the inaugural speaker in the Diversity Lecture Series on Oct. 25.

He will give a brown bag lecture, "The Chicano Movement and the Movement of Chicano Art," at noon in the Palmer Museum of Art at University Park. A coffee and tea reception will follow.

At 4 p.m. in 305 HUB, he will speak on "People of Color and the New American Aesthetic: Helping to Form New Visions of American Art." A reception will follow.

Dr. Ybarra-Frausto's research interests include Chicano express culture, literature in social context and Latin American and Chicano theater.

Prior to his current post, he was an associate professor at Stanford University. His degrees include a B.A. from the University of Texas at Austin and an M.A. and Ph.D., both from the University of Washington.

The Diversity Lecture Series is sponsored by the Central Pennsylvania Women of



Tomas Ybarra-Frausto

Color and funded by the Equal Opportunity Planning Committee. Dr. Ybarra-Frausto's lectures also were co-sponsored by the Palmer Museum of Art and the School of Visual Arts.

News in Brief

Liberal arts engineering program
Penn State Erie, The Behrend College and Lock Haven University are establishing an educational program in liberal arts and engineering.

Students interested in participating in the program will enroll at Lock Haven University, taking liberal arts and pre-engineering courses for three years, before moving to Penn State-Behrend to complete engineering course requirements. Successful completion of the programs will lead to a baccalaureate degree from each institution.

The program can be completed in five years, rather than six, while providing students with an education in the liberal arts and engineering.

Luther H. Harshbarger lecture

Brayton Polka, associate professor of humanities and history, York University, Toronto, Canada, will present the second biennial Luther H. Harshbarger Lecture at 3 p.m. Friday, Oct. 20, in Eisenhower Chapel Memorial Lounge.

Dr. Polka will speak on

"Interpretation and the Bible: The Dialectic of Concept and Content in Interpretive Practice."

A graduate of Harvard University, where he earned B.A. (1958), M.A. (1959) and Ph.D. (1964) degrees in history, his interests involve developing

a theory of hermeneutics, grounded in the Bible, that provides a basis for work in the fields of literary theory and philosophical hermeneutics.

He is the author of the books *The Dialectic of Biblical Critique: Interpretation and Existence* (Macmillan, 1986) and *Truth and Interpretation: An Essay in Thinking* (St. Martin's Press, forthcoming).

The lectureship honors the late Luther H. Harshbarger, University chaplain and first director of the Department of Religious Studies. It is cosponsored by the Program in Religious Studies and the Office of Religious Affairs.

Institute gets grant

The College of Education's Institute for the Study of Adult Literacy has received a \$376,907 grant from the Appalachian Regional Commission.

The grant will enable the institute to complete the development of computer-assisted basic skills assessment and instructional materials that are job specific and appropriate for use in a community setting.

The project is under the direction of Eunice N. Askov, professor and director of the Institute for the Study of Adult Literacy.

Postdoctoral fellowships

The Council for International Exchange

of Scholars is seeking applicants for the Quinquennial Postdoctoral Fellowships in Spain for U.S. Researchers.

The grants are for the 1990-91 academic year and are open to researchers in anthropology, archaeology, arts, basic sciences, communications, demography, economics, education, ethics, geography, history, law, linguistics, literature, logic, math, philosophy, political science, psychology, sociology and other disciplines in the fine arts and letters.

Contact Elizabeth B. Smith, University Fulbright program adviser, 222 Boucke, 865-7681, for information and application. The application deadline is Jan. 2, 1990.

Media Information Service

Media Information Service, which serves as a broker matching journalists with expert sources to interview for their news stories, is now available to faculty members and students.

Previously based in Pittsburgh and moved to the University last January by the School of Communications, MIS maintains a database of more than 3,200 experts in a number of fields, particularly medicine, who are willing to be interviewed. Future expansion of the database into other sciences and the social sciences is planned.

Faculty members are encouraged to have their students use MIS as a resource in preparing research papers. A media information coordinator will assist students in arranging for interviews, usually by telephone. To contact MIS, call 865-3354 or 865-3328, or (800) MIS-9600 (in Pennsylvania).

MIS also publishes the *MIS Messenger*, a newsletter for journalists, and is interested in critiques of media coverage of topics across Pennsylvania and short articles on trends in science and medicine. Send articles and critiques to MIS, 201 Carnegie Building, University Park.

Seminar series

The Center for Particle Science and Engineering seminar series will host a talk by Chikara Hayashi, president, Ulvac Corp., Chigasaki, Japan, at 4 p.m. Tuesday, Oct. 31, in 112 Kern, University Park. Refreshments will be served at 3:30 p.m.

Dr. Hayashi will speak on "Ultrafine Particles" and discuss the results of a five-year research program funded by the Japanese government.

Harvard professor will present Marker lecture



Patrick Thaddeus

Patrick Thaddeus, professor of astronomy and applied physics, at Harvard University will give the 1989 Russell Marker Lectures in Astronomy Oct. 23 through 26 at University Park.

The four, free public lectures on the theme "The Chemical Bond in Space" are sponsored by the College of Science. The lecture schedule is: "Exotic Molecules in the Interstellar Gas," 8 p.m. Monday, Oct. 23, Room 117 Osmond Laboratory; "If Silicon Were a Gas-Synthesizing Non-Terrestrial Molecules," 4 p.m. Tuesday, Oct. 24, Room 110 Osmond; "The Milky Way in Molecular Clouds," 4 p.m. Wednesday, Oct. 25, Room 110 Osmond; "A CO Survey of the Large Magellanic Cloud," 4 p.m. Thursday, Oct. 26, Room 110 Osmond.

In addition to his Harvard professorship, Dr. Thaddeus also is a senior space scientist at the Smithsonian Astrophysical

Observatory and a staff member at the Harvard-Smithsonian Center for Astrophysics.

He is a member of the American Academy of Arts and Sciences, the National Academy of Sciences, the American Astronomical Society, the International Astronomical Union, and Sigma Xi. He also is a Fellow of the American Physical Society.

Dr. Thaddeus has been honored with NASA's Medal for Exceptional Scientific Achievement, in 1970 and 1985; Goddard Space Flight Center's John C. Lindsay Memorial Award, in 1970, and an Alexander von Humboldt Senior U.S. Scientist Award, in 1983.

The Marker Lecture series were established in 1984 through a gift from Russell Marker, professor emeritus of chemistry.

Air Expo '89 set for Oct. 21

Persons planning to attend the University Park Airport's Air Expo '89 on Saturday, Oct. 21, are asked not to park at the airport because of scarcity of space there. Free parking and free shuttle bus services will be offered from designated parking areas on the east side of Beaver Stadium, near the Meats Lab. Shuttle service will run from 9:30 a.m. to 4:30 p.m., with buses leaving for and returning from the airport approximately every five minutes. The show itself will run from 10 a.m. to 4 p.m.

Penn Staters

John J. Henry, professor of mechanical engineering and director of the Pennsylvania Transportation Institute, and James C. Wambold, professor of mechanical engineering and director of the Institute's Vehicle Research and Safety Program received Outstanding Achievement Awards from the American Society of Testing Materials' Committee E17 on Pavement Management Technologies for organizing the First International Symposium on Surface Characteristics.

G.P. Patil, professor of mathematical statistics and director of the Center for Statistical Ecology and Environmental Statistics, has been awarded an honorary degree in biological sciences at the University of Parma, Italy.

K. Warner Schaie, Evan Pugh professor of human development and psychology, has received a Method to Extend Research in Time (MERIT) award from the National Institutes of Health to extend his Seattle Longitudinal Study. The study, which has been funded continuously since 1950, has tracked more than 4,000 people in an effort to understand intellectual development from young adulthood through old age.

Bookshelf

Lynne Goodstein, associate professor of administration of justice and director, Women's Studies Program, is co-editor, with Doris Layton MacKenzie, of *The American Prison: Issues in Research and Policy* published by Plenum Publishing Co. The volume addresses contemporary issues and problems in corrections. Chapters focus on both corrections problems and advances in correctional research which have yielded improvements in correctional policy.

Among the issues discussed are overcrowding, inmate violence, prison labor and industry, and effectiveness of rehabilitative efforts. The volume also deals with fundamental issues concerning the goals of imprisonment and the intersection between corrections and law.

Dr. Goodstein contributed to chapters on issues in correctional research and policy, inmate adjustment to prison, and correctional environments.

Flag-burning and other acts considered disrespectful to the flag, such as wearing the flag on the seat of the pants, did not draw national attention until the massive

anti-Vietnam War demonstrations of the late 1960s, according to Wilbur Zelinsky, professor emeritus of geography.

Dr. Zelinsky traces the heightened awareness of Old Glory in his book, *Nation Into State: The Shifting Symbols, Frontiers, and American Nationalism*, published by the University of North Carolina Press.

"Because flags themselves were so uncommon, flag-burning was virtually unknown in the early years of this country," he notes. "As the number of flags has multiplied, Old Glory has literally become a sacred object and also a target for those dissatisfied with government policy."

In 1981-82, Dr. Zelinsky personally observed the incidence of flags and flag hardware on single-family dwellings in 11 states and Ontario. Of the 11,763 homes visited, a total of 555 or 4.7 percent had some form of flag display, with the "flag-and-eagle syndrome" strongest in sections of Ohio, New York, New England and Wisconsin.

"My evidence leads inescapably to the conclusion that the public display of the American national flag has increased greatly over the past two centuries and may still be increasing today," he notes. "Because flag-waving is more popular today, the potential for flag-burning has also increased."

Gary W. Gallagher, assistant professor of history, is the editor of *Fighting for the Confederacy: The Personal Recollections of General Edward Porter Alexander*, published by the University of North Carolina Press.

The book has been selected as "The Editor's Choice" by the History Book Club. *Fighting for the Confederacy, Alexander's private memoir*, was completed several years before his classic *Military Memoirs of a Confederate* and was intended only for his family and closest friends. The 1,200-page manuscript laid virtually unknown for eight decades until Dr. Gallagher succeeded in reconstructing Alexander's recollections in their original form.

Alexander, a native of Georgia and West Point graduate, rose to the rank of brigadier general and took part in most of the great battles in the eastern theater of the Civil War. His duties as an engineer, artillery officer and staff officer brought him into frequent contact with Generals Robert E. Lee, Stonewall Jackson and James Longstreet.

Dr. Gallagher also is the author of *Stephen Dodson Ramster: Lee's Gallant General* and editor of *Essays on Southern History Written in Honor of Barnes F. Lathrop*.

Cultural diversity

(Continued from page 1)

recognizing the coming changes in demographics and responding to the changes.

James Stewart, director, Black Studies Program, said interdisciplinary literacy will be critical in the future, as technology diminishes the importance of basic skills. He pointed to an imbalance in the educational system with its emphasis on technical skills over the education of the person. There needs to be a shift from general education and basic skills to crosscultural interaction skills, he said.

Lynne Goodstein, director, Women's Studies Program, discussed curriculum and classroom issues. An advocate of

a diversity course requirement, she said the curriculum is heavily weighted in the direction of a small proportion of the world; non-whites and minorities are not included. For example, traditional history texts devote less than 1 percent of their content to women, she noted.

Gary Kelsey, director, minority admissions and community affairs, talked about minority recruitment and the environment for students at the University. He said a recent survey of blacks indicates that minority students, like other students, want relevancy in their courses. He also noted that some minorities perceive the University's environment as hostile to minorities.

Walter Mosley, president, Black Caucus, said, "Students are the heart and soul of this University." He urged the

University to integrate cultural diversity into courses so that all students become aware of the contributions of Africans and other diverse groups.

Vicki Fong, coordinator, Central Pennsylvania Women of Color, stressed the need to move forward on issues of cultural diversity. Curriculum integration offers a way to highlight the contributions of women and people of color.

Since this may take time, she said, a required course may be another way to fulfill that need. "We can learn so much from each other," she added. "It's not enough to respond to a single question, we must create a vision for our students."

Following the formal presentations, several Senators and visitors spoke.

Grading system

(Continued from page 1)

ensure that facilities are planned in the context of the historic and aesthetic significance of the University Park Campus.

The group would make recommendations to the Office of Physical Plant on programming and planning of new buildings, significant building alterations, reconfiguration of roadways and pedestrian ways and land planning studies.

In other action:

-- President Jordan addressed the Senators on the University's appropriations from the state. He said the University is "an extremely cost efficient institution."

In the last 18 years, \$32.6 million has been taken from the operating budget and reallocated to areas of critical need. During the same time, enrollment has grown by 44 percent, from 48,000 in 1970 to 69,000 in 1988, and the number of full-time faculty members has increased by 10 percent from

3,100 to 3,500.

-- William C. Richardson, executive vice president and provost, and C. Gregory Lozier, executive director, planning and analysis, presented reports on strategic planning.

Begun in 1983 by President Jordan, the strategic planning process has been "a tremendous success," Dr. Richardson said. He added that it now is time for undertaking a new initiative. The emphasis will be on strategic issues management, which will "provide the conceptual framework for creating a vision of Penn State's future," the report states.

-- E. Emory Ensore Jr. presented the annual report on the President's Planning and Budget Advisory Committee.

-- George W. Franz, chair, Joint Committee on Insurance and Benefits, presented the committee's annual report.

-- Robert N. Pangborn, chair, Committee on Faculty Affairs, reported on a comparison of University faculty salaries with similar institutions.



Visiting French students examine the French Revolution Machine which is on display in the lobby of the Kern Graduate Building at University Park. Photo: Scott Johnson

Focus on the arts

Photography lecture

Sara Stevenson, curator of photography at the Scottish National Portrait Gallery in Edinburgh, and Allison Morrison-Low, curator of the history of science collection of the National Museums of Scotland in Edinburgh, will give the illustrated lecture "Early Scottish Photography" at 8 tonight in the Rare Books Room of Pattee Library at University Park.

Ms. Stevenson will discuss Thomas Annan (1829-87), one of the most significant landscape photographers of his day, who recorded life in Victorian Glasgow. Ms. Morrison-Low will discuss one of the key figures in 19th-century British science, Sir David Brewster, who introduced the calotype to Scotland and Ireland.

HUB Galleries

"Kathleen Fox Raguseau: Eclectic" is on display in the Art Alley of the Hetzel Union Galleries at University Park through Nov. 3.

At first glance, the pictures appear to be the work of three distinctive artists involved in a varied exploration of a realistic figurative genre, a decorative surface inspired by nature, and a pastiche of environmental forms and color.

Upon closer inspection, the hand of one artist is identified in a consistent rendering of form and a thorough understanding of the harmonious balancing of color.

The arts on Channel 3

In the first of two programs celebrating the piano, *On Stage at Wolf Trap*—"Piano Pizzazz" airing at 10 p.m. Friday, Oct. 20, on WPSX-TV features Harry Connick Jr., Ellis Marsalis, Carmen McRae, Peter Nero, Donald O'Connor, The Parlane Brothers and Roger Williams who salute the piano's contributions to jazz and popular music.

The English Van Cliburn International Piano Competition: Here in Make-A-Wish, airing at 12:30 p.m. Sunday, Oct. 22, takes an inside look at the most prestigious music competition in the Western Hemisphere, held every four years in Fort Worth, Texas. *Live from Lincoln Center* presents Harold Prince's new production of Mozart's "Don Giovanni" at 8 p.m. Wednesday, Oct. 25. Sergiu Comissiona conducts the New York City Opera Orchestra. The opera, sung in Italian with English subtitles, will be performed in two acts with one intermission.

Day of Dance

A Day of Dance will be held from 1 to 4:30 p.m. Saturday, Oct. 21, in White Building at University Park.

The event is sponsored by the Black Studies Program, the Paul Robeson Cultural Center and the Department of Exercise and Sport Science.

The workshop will include beginning-intermediate and intermediate-advanced jazz technique classes, an introductory African-American technique class and a lecture on the historical interrelationships between African-American and jazz dance.

Three guest instructors will participate in the workshop: Helen Riley, Temple University graduate and dance instructor in Harrisburg Public School District, will lecture, as well as teach the African-American technique class.

Kathy Kearns, who is in charge of the dance program at Penn State Ogonitz Campus, will teach the beginning-intermediate level jazz class.

Kathy Short, assistant artistic director of the University's Contemporary Dance Company, will teach the intermediate-advanced jazz class. Ms. Short also runs her own studio and is a choreographer with Ballet Western Reserve.

An informal reception will follow the final class. All events are free and open to the public. Observers also are welcome.



A matchlock rifle from the University's Afghan collection is the focus of attention for Frederick Matson, professor emeritus of archaeology (right); George Milner, assistant professor of anthropology (center); and graduate student Stevan Pullins. The collection is on display in the Museum of Anthropology.

Dance classes

Helen Riley will teach three master classes in African-American dance techniques at University Park this semester.

Ms. Riley, who earned a master of education degree in dance education from Temple University, is trained in Katherine Dunham's ethnic technique and Horton modern technique, as well as in ballet and jazz. Since 1986, she has been teaching dance in Harrisburg Public School District.

She will teach the first master class at 1 p.m. Saturday, Oct. 21, in White Building as part of the Day of Dance events. In November, she will teach classes for both the Penn State Internationale Dancers and Nomo.

Her residency is funded jointly by the Black Studies Program, the Paul Robeson Cultural Center and the Department of Exercise and Sport Science.

Afghan exhibit

The Afghan exhibit at the Museum of Anthropology provides an intimate glimpse of a country little known to Americans before the Soviet invasion almost 10 years ago.

Museum director James W. Hatch said most of the items on exhibit were obtained through the efforts of an internationally known expert on Afghanistan, the late Louis Dupree, associate professor of anthropology at the University from 1957-66, and his wife, Nancy Hatch Dupree.

The Duprees collected not marketplace items for the tourist, but everyday articles that would have been used in the Afghan home in the first half of the 20th century. Often these items were emotion-laden personal possessions, such as a hand-made bassinet or a simple wooden toy for children. The exhibit reflects all aspects of village life.

Frederick Matson, research professor emeritus of archaeology, explained that Afghanistan was created originally as a buffer state between Russian-controlled Central Asia and British-controlled India and is inhabited by a patchwork of different ethnic groups.

The museum hours are 9 a.m. to 4 p.m. Monday through Friday, 9 a.m. to noon Saturday and 1 to 3 p.m. Sunday.

Curator to lecture

Gaye Blake Roberts, curator of Britain's Wedgwood Museum, will give two talks at the Palmer Museum of Art at University Park. Her first talk will be at 2:30 p.m. Sunday, Oct. 22, and the second at 8 p.m. Monday, Oct. 23.

In her initial lecture Ms. Roberts will discuss the lifestyle in the English country house during the reign of George II (1727-60) through the Victorian era. In her second lecture she will explore the English pottery

trade with United States.

Ms. Roberts currently is touring the United States courtesy of the organization British American Associates, which promotes understanding between the people of the United States, Great Britain and Canada. Her visit to Penn State was arranged through the University's Office of International Programs.

The lectures are free and open to the public. For more information, call the Museum at 865-7672.

Flute recital

Eleanor Duncan Armstrong, a faculty member in the School of Music, and School of music colleagues will present a program of chamber music, "Flute and Friends," at 8 p.m. Monday, Oct. 23, in the Recital Hall of the Music Building at University Park.

Assisting Professor Armstrong will be faculty members Timothy Shaffer, Daryl Durran, Dan Armstrong and Smith Toulson.

The recital will feature works for flute with bassoon, clarinet, piano and percussion. Works will include three pieces by Debussy, Ravel and Ibert for flute and piano, "Sonatine" by Pierre Gabayre for flute and bassoon, and "Tarantelle" by Saint-Saens for flute, clarinet and piano. For Robert W. Moks "Interplay." The Armstrong Flute and Percussion Duo will perform with Penn State students Valerie McCarri and Doug Rosener.

Juried exhibit

The School of Visual Arts Art Student League Undergraduate Juried Exhibition will be on display Monday, Oct. 23, through Friday, Dec. 1, in Chambers Gallery at University Park. The Gallery is open 8 a.m. to 5 p.m. Monday through Friday.

Undergraduate students submitted works in the areas of painting, photography, drawing, ceramics, sculpture, medals, printmaking and installation art for the exhibition. Jurors Craig Zabel, assistant professor of art history, and David Brown, faculty member in the School of Visual Arts, selected the works to be exhibited.

Art history lecture

Susan S. Munshower will present a lecture titled "Filippo Juvarra: Architect or Stage Designer?" at 8 p.m. Tuesday, Oct. 24, in the HUB Assembly Room at University Park.

The lecture is the fifth in the series "The World and the Italian Architect: Native Images and Reflections Abroad," sponsored by the Department of Art History and the Institute for the Arts and Humanities Studies. Ms. Munshower replaces Evan Pugh professor emeritus Eugenio Battisti, who was originally scheduled to lecture.

Ms. Munshower, organizer of this lecture series and an instructor in the Department of Art History, is the editor of the *Papers in Art History* from The Pennsylvania State University, which is based on the annual lecture series. She has lectured on Juvarra at the annual meeting of the American Society for 18th-Century Studies and has published several articles on various aspects of the architect's career.

Odyssey on WPSU

Bill Ellis, assistant professor of English at Penn State Schuylkill Campus, meticulously applies the tools of a literary scholar to rumors and apparitions of demonic practices.

On "Devil Worshipers at the Prom," the next "Odyssey Through Literature" broadcast on WPSU, folklorist Ellis shows how Leonard Rubinstein how popular legends develop and what purpose they serve.

"I'd say that there are things in the world that go bump in the night," Professor Ellis says. "One of the major functions of folklore is to give us cultural language to explain what happens to us."

"Odyssey Through Literature" is produced by the Comparative Literature Department and airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Centre Dimensions

Centre Dimensions, the award-winning big band of the School of Music, will perform its annual fall concert at 8 p.m. Wednesday, Oct. 23, in the Recital Hall of the Music Building at University Park.

The program will feature alto saxophonist Anthony Zugel, who will perform an arrangement by Bob Brookmeyer of the jazz standard "Skylark," and Brian Watson, who will play "You Don't Know Me," arranged by Penn State alumns Bob Milligan.

Other selections will include "Shiny Stockings" from the Basie library, "Basically Blues" from the Buddy Rich Big Band and an arrangement of Phil Woods' theme song, "How's Your Mama?," by the group's director Dan Yoder.

Museum lecture

Robert Rosenblum, professor of art history at New York University, will discuss "Art and Thomas Jefferson's Paris, 1784-89" at 8 p.m. Thursday, Oct. 26, at the Palmer Museum at University Park.

The lecture will focus on the Parisian art world prior to the beginning of the French Revolution that Thomas Jefferson experienced while living in France as an American official. Dr. Rosenblum also will discuss one of the well-known painters of the day, Jacques-Louis David, a personal favorite of Jefferson's.

Dr. Rosenblum received a bachelor of arts degree from Queens College and a master of arts degree from Yale University. He obtained his doctorate from New York

(Continued on page 5)



Gaye Blake Roberts

University Park Calendar

October 19— October 29 Special Events

Thursday, October 19

Meeting of Women's Studies faculty from CES campuses, 12 Sparks, through Oct. 20.
Lecture, 10 a.m., Palmer Museum of Art: Douglas Albert, Douglas Albert Gallery, and Cindy Morrison, School of Visual Arts, on "Careers in the Visual Arts."
Brown Bag Lunch/films, 12:10-1:15 p.m., Palmer Museum of Art. *The Meulers Family* North Georgia Pottery, *Sensit: Master Teacher, Mona and Julian's Black Pottery*.

Bach's Lunch, 12:10 p.m., Eisenhower Chapel.
Penn State Concert Choir.
Center for the Performing Arts, lecture, 7:30 p.m., Schwab Aud. Leon Bales, pianist.
Women's Studies, 8 p.m., HUB Gallery, Barbara Katz Rohman, Baruch College, CUNY, on "Recreating Motherhood: Technology in the Service of Ideology."

History of Photography, lecture, 8 p.m., Rare Books Room, Pattee Library. Sara Stevenson, Scottish National Portrait Gallery, on "Thomas Ansell, Pioneer of Art Photography."

Friday, October 20

Religious Affairs, 2nd Luther H. Harshbarger lecture, 3 p.m., Eisenhower Chapel, Memorial Lounge. Layton Polia, York Univ., Ontario, on "Interpretation and the Bible."
Geog. Coffee Hour, 4 p.m., 319 Walker. Adam Rose on "A Typology of Man-made and Natural Hazards." Refreshments 3:30 p.m.
Shaver's Creek, 7:30-9:30 p.m., Owl Prowl. Call 863-2000.

Center for the Performing Arts, 8 p.m., Schwab Aud. Leon Bales, pianist.

Saturday, October 21

Shaver's Creek, 3:30-5 p.m., Dried Flower Arranging: 1:30-4 p.m., Junior Archaeologists at Massesburg (grades 3-5), Call 863-2000.
Center for the Performing Arts, 3 and 8 p.m., Eisenhower Aud. "Mame."

Sunday, October 22

Shaver's Creek, 1:4 p.m., Halloween Trail Volunteer Training, Call 863-2000.
Talk, 2:30 p.m., Palmer Museum of Art. Gaye Blake Roberts, Wedgwood Museum, on "The English Country House."

Carnegie Hall Film Series, 6:30 p.m., *A Church Tale, Beyond Still Care, Pas De Deux, Piccolo, The Fly, Hardware Wars, "A," Seven Samurai in Search of a Reader, 8:15 p.m., Seven Samurai (1954), 4 Carnegie. Free.*

Monday, October 23

Comp. Lit. Luncheon, 12:15 p.m., 101 Kern. Gerard Brault on "Heraldic Sealing: Identifying 4,441 13th-Century Coats of Arms."

Religious Affairs, 3 p.m., Eisenhower Chapel, Memorial Lounge. "Public Trust, Private Interests," Ethics in Government, videotape. Affirmative Action, 7 p.m., Keller Conference Aud. Leslie Wolfe, Center for Women Policy Studies, Washington, on "SATS, Women and AIDS, Women in the Workplace or Forming Coalitions."

School of Music, 8 p.m., Recital Hall. Eleanor Armstrong, flute and friends.
Talk, 8 p.m., Palmer Museum of Art. Gaye Blake Roberts on "The English Pottery Trade with America."

Tuesday, October 24

History, lecture, 7 p.m., 105 Chambers. Stephen E. Ambrose, Univ. of New Orleans and U.S. Military History Institute, on "Nixon and Watergate."

Art History Lecture Series, 8 p.m., HUB Assembly Room. Susan Munshower on "Filippo Juvarra: Architect or Stage Designer."

Wednesday, October 25

Wordperfect User Group meeting, 8:30-10 a.m., 6 Willard.

Center for Women Studies Brown Bag Lunch Series, noon-1 p.m., C.W.S. Lounge, 120 Boucke. Film/discussion of "Still Killing Us Softly: Images of Women in Advertising," with Sabrina C. Chapman.

Diversity Lecture Series, Brown Bag Lecture Series, Palmer Museum of Art. Dr. Tomas Ybarra-Frausto, Rockefeller Found. for the Arts, on "The Chicano Movement and the Movement of Chicano Art." Also 4:30 p.m. HUB, "People of Color and The Nero American Aesthetic: Helping to Form New Views of American Art. Receptions follow both lectures.

Shaver's Creek, 7-9 p.m., Pumpkin Carving, Call 863-2000.



The Penn State Bookstore has extended its deadline for ordering the University Christmas card. Bulk quantities can be ordered until Oct. 27.

School of Music, 8 p.m., Recital Hall. Centre Dimensions, University Jazz Ensemble.

Thursday, October 26

Bach's Lunch, 12:10-1:30 p.m., Eisenhower Chapel. The Singing Lions.

Social History Colloquium, 3:45 p.m., Rare Books Reading Room, Pattee Library. Stephen Hardy, Univ. of New Hampshire. Refreshments 3:15 p.m.

Talk, 8 p.m., Palmer Museum of Art. Robert Rosenblum, N.Y. Univ., on "Art and Thomas Jefferson's Paris: 1784-1789."

Friday, October 27

Geog. Coffee Hour, 4 p.m., 319 Walker. Cole Harris, Geography, British Columbia, on "Canada Within North America." Refreshments 3:30 p.m.

Shaver's Creek, 7-10 p.m., Halloween Trail. Also Oct. 28, Oct. 29, 6-9 p.m., Call 863-2000.

School of Music, 8 p.m., Recital Hall. Penn State Philharmonic.

Sunday, October 29

Carnegie Hall Film Series, 7 p.m., 4 Carnegie. *Superior: The Karen Carpenter Story/Care: An Unlabeled History: 8:45 p.m., Yojoimo (1981). Free.*

International Events

International Lecture Series

Jay R. Stauffer, fishery science, on "Behavior Adaptations of Lake Malawi Fishes" (slides and video), 2:30 to 4 p.m. Monday, Oct. 23, International Lounge, 222 Boucke.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m. "Odyssey Through Literature," 12:30 p.m., Wednesdays, with S. Leonard Rubinstein. "Creative License," 12:30 p.m. Thursdays, with Asa Berlin and Pam Saulnier.

Conferences

Continuing Education

Keller Building

Oct. 23-29. Social Structures of Aging, K. Warner Schaie, professor of human development and psychology, chair.

Oct. 23-25. Accented Investigation Workshop. Eric Loop, coordinator.

Oct. 23-25. Basic Architectural Lighting Workshop. Craig Bernerke, instructor of architectural engineering.

Oct. 23-25. Advanced Short Course on Coal Preparation. Peter T. Luckie, associate dean for research/professor of mineral engineering, director.

Oct. 23-25. Coal Mining Production Engineering. Stanley Subelski, professor of mining engineering, and Robert L. Frantz, associate dean for continuing education and industry programs/professor of mining engineering, directors.

Oct. 23-27. Institutional Facilities Management. James Myers, P.E., mechanical engineer, in

charge.

Oct. 25-27. Advanced Accident Investigation Workshop. Eric Loop, coordinator.

Oct. 26 and 31. Pennsylvania Bar Institutes. Jern Milkom, in charge.

Seminars

Thursday, October 19

Physics Colloquium, 3:30 p.m., S5 Osmond Lab. Martin Olsson, Wisconsin, on "Hadron Dynamics and Strings."

Ecology, 4 p.m., 111 Watrik. J.R. Pratt on "The Freshwater Microbial Loop: Another Paradox of the Plankton."

Friday, October 20

Physics CAMP, 11 a.m., 339 Davey Lab. Glenn Agnollet, Texas A&M, on "Crystallization Wave at the Solid-Liquid Interface of 4He."

Physics Colloquium, 3:30 p.m., 110 Osmond Lab. Steve Koonin, CalTech, on "Cold and Hot Fusion."

Speech Communication Colloquium, 4:30 p.m., 109 Chambers. Donovan J. Ochs, Univ. of Iowa, on "Demosthenes' Superior Artiste and Victorious Monomachist."

Monday, October 23

Entomology, 3:45 p.m., 204 Patterson. Keith Wing, Rohm & Haas Co. Research Labs, on "Nonsteroidal Ecdysone Agonists as Novel Insect Growth Regulators."

Physics EPF, 4 p.m., 339 Davey Labs. David Miller, Purdue Univ., on "B-Physics With CERN: Recent Results."

Marker Lectures in Astronomy, 8 p.m., 117 Osmond Lab. Dr. Patrick Thaddeus, Harvard, on "Exotic Molecules in the Interstellar Gas."

Also, at 4 p.m., 110 Osmond, Oct. 24, "If Silicon Were a Gas: Synthesizing Non-Terrestrial Molecules." Oct. 25, "The Milky Way in Molecular Clouds." Oct. 26, "A CO Survey of the Large Magellanic Cloud."

Tuesday, October 24

History Colloquium, 3:30 p.m., Memorial Lounge, Eisenhower Chapel. Stephen E. Ambrose, Univ.

Focus on the arts

(Continued from page 4)

University in 1956. In 1972, he was the recipient of an honorary master of arts degree from Oxford University, where he was appointed the Slade professor of fine art.

The lecture, sponsored by the Palmer Museum and the French Department, commemorates the bicentennial of the French Revolution.

Singing Lions

The Singing Lions will perform at 12:10 p.m. Thursday, Oct. 26, in Eisenhower Chapel at University Park.

The 20-minute concert is part of the fall Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish. It will include a tribute to Duke Ellington and a movie medley. The Singing Lions is a show choir of 20

For information about Penn State arts and calendar events and the weather, call 863-1234 and follow the directions given in the recorded message.

of New Orleans and U.S. Military History Institute, on "Eisenhower: The General and the President." Refreshments 3 p.m.
Physics CAMP, 4 p.m., 339 Davey Lab. V. Celli, Virginia, on "Scattering as a Probe of Surface Dynamics."

Biology, 4 p.m., 8 Mueller Labs. Austin Hughes, Univ. of Texas Medical Center, on "Polymorphism and Evolution of MHC Genes."

Wednesday, October 25

Econometrics Workshop, 3:15 p.m., 420 Kern. George Jakubson, Cornell Univ., on "Panel Data and Measurement Error."

Thursday, October 26

Physics Colloquium, 3:30 p.m., S5 Osmond Lab. Ugo Fano, Univ. of Chicago, on "The Process of Fragmentation."

Friday, October 27

Ag Econ, 3:30 p.m., 212 Eisenhower Chapel. Daniel Pick, USDA, on "The Competitive Structure of U.S. Agricultural Exports."

Agronomy, 3:35-4:25 p.m., 111 Tysen. Dorothy Blair on "Global Food Strategies."

Exhibits

Chambers Gallery

Art Student League Juried Exhibition, through Dec. 1.

HUB Galleries

Art Alley Cases: Items from the Pasto Agricultural Museum, through Nov. 3.

Personal artifacts from the Vietnam War, through Nov. 3.

Art Alley Panels

Kathleen Fox Ragusa, Eclectic, through Nov. 3. Browning Gallery: Microscopes: The Hidden Art of High Technology, through Nov. 8.

Formal Gallery

Vietnam Veterans Memorial: A National Experience, through Oct. 29.

Kern Galleries

College of Engineering Research Exhibition, through Oct. 31.

Kevin Slick, watercolors, through Oct. 28. Crystallization: From the Pasto Agricultural Museum, through Oct. 28.

Penn State Creamery (the early days), through Oct. 28.

Artifacts from the Armsby Calorimeter Exhibit, through Oct. 28.

The French Revolution Machine, through Feb. 27.

Palmer Museum of Art

Turn-of-the-Century European Posters from the Museum's Collection, through Nov. 5.

Ceramics from Penn State Collections, through Nov. 19.

Bellefonte Collects, through Oct. 22.

East Corridor Gallery: Jorene Rath

Simplification of Form, through Nov. 17.

Lending Services:

Kevin Slick, paintings, through Oct. 20. Bill Hosterman, wildlife paintings, Oct. 24-Nov. 27.

Rare Books Room:

The World and the Italian Architect through Oct. 27.

Zoller Gallery

Clay in the East, through Nov. 11.

Penn State Philharmonic

The Penn State Philharmonic Orchestra will present its first concert of the season at 8 p.m. Friday, Oct. 27, in the Recital Hall of the School of Music at University Park.

The concert also will be given at the Penn State Altoona Campus Tuesday, Oct. 24.

The orchestra, directed by Douglas Meyer, will open its program with the lively Symphony No. 8 in G by Czech composer Antonin Dvorak.

The Halloween season, the orchestra also will perform special selections, including the "Dance Macabre" by Camille Saint-Saens and the colorful "A Night On Bald Mountain" by Modest Mussorgsky.

Appointments

Diana L. Kenepp has been appointed acting director of the Academic Support Center for Student Athletes. She succeeds Donald E. Sheffield who has become special assistant to the vice president and dean for undergraduate education.

A graduate of Penn State with B.S. and M.S. degrees, Ms. Kenepp taught in the Halifax, Pa. School District and then joined the University faculty as an instructor in health education.

In 1982 she was named coordinator of the undergraduate program in health education and continued in that position until 1987 when she became athletic academic adviser/counselor in the Academic Support Center for Student-Athletes. She has been serving as assistant director of the Center since 1988.

Ms. Kenepp is a member of the Association for the Advancement of Health Education, American School Health Association, National Association of Academic Advisors for Athletics, and the National Academic Advising Association.

Kjell Meiling, director of academic affairs at Penn State Altoona Campus, has been appointed interim associate dean for undergraduate education. He succeeds Michael H. Chaplin who has returned to the College of Agriculture faculty.

Dr. Meiling joined the Altoona Campus staff in 1978 after serving as dean and administrative head at Chaffin College, St. Martin, Ohio. He previously was an instructor in English at the University of Cincinnati.

A graduate of New York University, he received M.A. and Ph.D. degrees from the State University of New York at Binghamton.

At Penn State, Dr. Meiling has been active in the University Faculty Senate, serving on a number of Senate committees. He currently is a member of the Martin Luther King, Jr. Day Planning Committee and the University Council on Enrollment



Blanche E. Staton

Policies and Planning.

Dr. Meiling also is a member of the American Association for Higher Education and the International Society of Anglo-Saxonists.

Blanche E. Staton has been appointed director of the Philadelphia Community Recruitment Center and associate director of admissions.

She will plan, implement and coordinate minority recruitment efforts in Philadelphia and surrounding areas. She also will make recruitment presentations to parent groups, local churches, schools and community groups and serve as an admissions counselor.

She plans to increase minority alumni participation in the enrollment process because "they have the credibility to show that Penn State is a viable option."

A Philadelphia native, Ms. Staton received her bachelor's degree in Spanish from Beaver College in Glenside in 1973. She earned her master's degree in

counseling from Antioch University in Philadelphia in 1975.

After graduation, she worked with the Philadelphia School District as a job placement specialist. In 1976, she was a senior recruiter and counselor at Temple University's School of Medicine.

She then went to the University of Pennsylvania in 1983 and served as an undergraduate regional admissions director. Ms. Staton later worked as director of operations and associate director of admissions in the graduate division of the Wharton School, University of Pennsylvania, in 1987. She also was project manager for the Philadelphia area for Special Market Services Inc. in 1988.

Before joining Penn State, she was a principal and educational consultant for Future Quest Inc. in Philadelphia, helping high school students prepare for college placement.

Howard E. Wray III, assistant dean/director of Minority Student Programs at Emory University, has been appointed assistant dean for Academic Advising Programs. He succeeds Jo Anne T. Vanin who has accepted a position at the University of Massachusetts at Amherst.

A graduate of the Indiana University of Pennsylvania (IUP), Mr. Wray received an M.A. degree from IUP and a J.D. degree from Georgetown University Law Center.

Prior to joining Emory University, he served from 1984 to 1988 as director of the Black Cultural Center and associate director of Student Activities and Organizations at IUP.

He also has served as research assistant to the head reference law librarian at the Georgetown University Law Center, as a personal counselor in the IUP Educational Opportunity Program, Act 101 Western Region representative for the Pennsylvania Department of Education, and as assistant to the director and counselor in Penn

State's Educational Opportunity Program.

He is a member of the NAACP and the National Association of Campus Activities.

Susan C. Youtz has been named assistant director for undergraduate nurses in the new School of Nursing.

Ms. Youtz is responsible for administering the resident instruction program in nursing, which enrolls approximately 400 students. She also shares responsibility for the extended degree program, which makes a bachelor's degree available to registered nurses whose previous education was through a hospital or associate degree program.

A University faculty member since 1982, Ms. Youtz was coordinator of the undergraduate nursing program in the former Department of Nursing for three years, and was southeast regional coordinator for the extended degree program from 1982 to 1984.

She chairs the curricular affairs committee of the College of Health and Human Development, is a member of the college's undergraduate retention committee, and chaired a number of committees in the former Department of Nursing.

Before coming to Penn State, she was a charge nurse at Pocono Hospital, East Stroudsburg. She also has been a head nurse at Rhode Island Hospital, Providence, R.I., and has taught at Marywood College, New York University and Trenton State College.

She holds a master's degree in nursing from New York University, a bachelor of science (cum laude) in nursing with a minor in biology from Trenton State College, and a diploma from Rhode Island Hospital School of Nursing.

The School of Nursing was established last July when the Penn State Board of Trustees voted to upgrade the former Department of Nursing.

Penn Staters

Philip L. Walker Jr., Evan Pugh professor emeritus of materials science, was honored at a special symposium held during the Nineteenth Biennial Conference on Carbon at University Park.

Sabih I. Hayek, professor of engineering science and mechanics, has been elected a Fellow of the American Society of Mechanical Engineers in recognition of outstanding contributions in theoretical and experimental research on the vibration and radiation of fluid-loaded shells.

Joseph S. Beard, Crawford County senior extension agent, has received a Distinguished Service Award from the National Association of County Agricultural Agents for effective extension programs.

Robert W. Christina, professor of exercise and sport science in the College of Health and Human Development, has been appointed to the 12-member National Committee on Techniques for the Enhancement of Human Performance of the National Research Council, National Academy of Sciences. The committee is part of the NRC's Commission on Behavioral and Social Sciences and Education.

J.L. Duda, professor and head of chemical engineering, received the 27th annual Chemical Engineering Division Lectureship Award and presented the award paper, "A Random Walk Through Porous Media," at the

American Society for Engineering Education conference. The award recognizes outstanding achievement in fundamental chemical engineering theory or practice and carries a \$3,000 honorarium.

Charles L. Fehr, director of university relations at Penn State Berks Campus, has been approved as a Certified Fund Raising Executive by the Certification Board of the National Society of Fund Raising Executives.

Donald P. Fowler, Fulton County senior extension agent, has received a Distinguished Service Award from the National Association of County Agricultural Agents for initiating programs in a variety of areas dealing with 4-H youth and adults.

John J. Henry and James C. Wambold, professors of mechanical engineering, were presented Outstanding Achievement Awards by the American Society of Testing Materials for organizing the First International Symposium on Surface Characteristics. The symposium, held at Penn State in 1988, attracted participants from 21 countries.

Austin J. Jaffe, professor of business administration and research director of the Institute for Real Estate Studies, presented a paper on "Concepts of Property, Theories of Housing and the Choice of Housing Policy" at an international conference on "Housing Reforms in Eastern Europe" held at Noszvaj, Hungary.

Robert Kabel, professor of chemical engineering, received the 1988 American Society for Engineering Education Chemical Engineering Division Corcoran Award for the best paper published in 1988 in *Chemical Engineering Education*. The paper is titled "Instruction in Scaleup."

Robert D. Lee Jr., head of the Department of Public Administration, was a participant in Australia's Bicentennial Research Project, under the auspices of the University's Australia-New Zealand Studies Center. The project is sponsored by the U.S. Information Agency and is being conducted jointly with the University of Melbourne.

Richard C. Nelson, professor of biomechanics, and director of the Biomechanics Laboratory, has received the Citation Award from the 12,500-member American College of Sports Medicine in recognition as "an early pioneer of research programs to view human movement from a biomechanical perspective."

Judith S. Stoudt, Berks County extension agent, has received the Achievement Award from the National Association of County Agricultural Agents for her professional extension achievement with the Oley Valley water testing program.

John W. White, professor of horticulture, has been named a Fellow-elect by the American Society for Horticultural Science. Dr. White is being

recognized for his innovative research on glazing materials and environmental control systems for greenhouses, as well as research in greenhouse crop production.

Dan Willis, assistant professor of architecture, has been awarded the 1989 Hugh Ferriss Memorial Prize for Architectural Drawing from the American Society of Architectural Perspectivists. Chosen from more than 500 entries, Professor Willis' pencil drawing depicts a design for an Edgar Allan Poe memorial and attempts to illustrate the passage of several centuries in the memorial's existence.

Laurence L. Yager, Penn State Cooperative Extension area marketing agent, Adams County, has received a Distinguished Service Award from the National Association of County Agricultural Agents for his work in marketing.

Dale Jacquette, assistant professor of philosophy, gave a talk on "Intentional Relations in Zalta's Intensional Logic" at the meetings of the Society for Exact Philosophy, University of Alberta, Edmonton, Alberta, Canada.

James Keiser, retired associate professor of hotel, restaurant and institutional management in the College of Health and Human Development, is the recipient of the 1989 Howard B. Meek Award. The award was presented by the Council on Hotel, Restaurant and Institutional Education in recognition of his career achievements and contributions to hospitality education.

Faculty, staff members and alumni receive awards

Chemical society award

Peter C. Jurs, professor of chemistry, has been selected to receive the 1980 American Chemical Society Award for Computers in Chemistry sponsored by the Digital Equipment Co. The award recognizes and encourages the use of computers for the advancement of the chemical sciences.

Dr. Jurs is being honored for his work in analytical data analysis using pattern recognition and other techniques. Pattern recognition is a method of programming computers to "learn by experience."

A member of the research group that published the first paper on pattern recognition analysis of low-resolution mass spectral data, Dr. Jurs also has applied these methods to infrared spectral analysis.

Dr. Jurs joined the University faculty as an assistant professor in 1969, was promoted to associate professor in 1972 and to professor in 1978.

He has held a visiting appointment at Stanford and numerous consultancies and memberships on editorial and advisory boards.

He is a graduate of Stanford University and earned his doctorate at the University of Washington.



Peter C. Jurs

France. Professor Shobaken came to Penn State in 1958 as a professor in the Department of Art.

Alumni awards

Three graduates of the College of Health and Human Development have received 1989 Alumni Recognition Awards.

They are: **Rosanna Ciuppek**, regional coordinator in the Office of Groundwater Protection of the U.S. Environmental Protection Agency; **Barry A. Franklin**, director of the cardiac rehabilitation and exercise laboratories at William Beaumont Hospital, Royal Oak, Mich.; and **Jennifer W. Hartman**, executive director of the Gettysburg YWCA.

Ms. Ciuppek earned a bachelor of science degree in man-environment relations in 1978, then went on to law school at the University of Tulsa, where she earned both a law degree (emphasizing environmental law) and a master's in urban studies in 1982.

She coordinates the work of 10 EPA regional offices nationwide; previously, she developed and implemented the national wetlands enforcement program for EPA's Office of Wetlands Protection. In 1988 she earned the EPA's Bronze Medal for commendable service, for her efforts related to the enforcement of the Clean Water Act.

Dr. Franklin earned a Ph.D. in physiology with a minor in health and physical education in 1976. In addition to his position at William Beaumont Hospital, he holds the rank of associate professor at



Bruce Shobaken

Wayne State University School of Medicine, Oakland University, and the University of Michigan.

He has written or co-authored nearly 100 scholarly publications, including five books on exercise, physical fitness, and heart disease. He is the immediate past president of the American Association of Cardiovascular and Pulmonary Rehabilitation and holds Fellow status in the American College of Sports Medicine.

Ms. Hartman graduated from Penn State in 1969 with a bachelor of science degree in individual and family studies.

Executive director of the Gettysburg YWCA since 1985, she was a member of the capital campaign steering committee that raised \$2 million to build the first community recreation center in her county.

More recently she completed a \$135 million project which doubled the size of the YWCA by adding fitness facilities and a child enrichment center.

Emerging professional

Captain Brian R. Hurley has received the 1980 Emerging Professional Award of the College of Health and Human Development.

The annual award, cosponsored by the college and its alumni society, honors professional and community achievement by an alumnus who graduated within the previous six years.

Capt. Hurley who received a bachelor of science degree in health planning and administration in 1984 was executive officer to the Command Surgeon at Andrews Air Force Base, Washington, D.C., before being selected for an Air Force-sponsored graduate program in health administration at George Washington University. He began graduate study this fall.

Prior to his Washington post, Capt. Hurley served as director of medical resource management in the 125th Medical Group at Tyndall Air Force Base, Fla. At Tyndall he also was responsible for the development of the Partnership Program, an initiative that expands service and access to military hospitals through agreements with civilian physicians and institutions. The program saves the government an estimated \$180,000 per year.

Capt. Hurley also conceived and developed plans for a Military Retirees Clinic, which increased access to health care for nearly 5,000 retirees and saved more than \$150,000 annually.

Teaching award

Bruce Shobaken, professor in the School of Visual Arts, has been named the recipient of the Arts and Architecture/Performing Constituent Society Alumni Faculty Teaching Award. The award recognizes excellence in teaching and honors memorable educators.

Grace Hampton, vice provost and former director of the School of Visual Arts, said that Professor Shobaken has served as head of the graduate program in studio art "with a strong, quiet dignity which has won him the respect and admiration of students and colleagues."

Anne Karsten, a graduate student in printmaking, called her work with Professor Shobaken "the most powerful and solid learning experience I have ever encountered."

Professor Shobaken's work has appeared in more than 30 one-man shows and 69 juried and invitational exhibitions. His works also are represented in museums and numerous private collections across the United States.

He received a BA and MFA art with minors in humanities from the University of Minnesota. In 1953 he received a Fulbright to study printmaking in Paris,

Obituaries

Hugh G. Pyle, retired director of methods research, Commonwealth Educational System, died Sept. 17. He was 88.

Mr. Pyle, a pioneer in adult education, joined the University in 1925 as an instructor in engineering extension. He served from 1943 to 1952 as supervisor of informal instruction and during this period headed a rapidly expanding program in many areas of adult education.

From 1952 to 1959 he directed the Division of Informal Instruction. When General Extension became Continuing Education in 1959, he became assistant director for informal instruction and then

assistant director for methods research. He retired July 1, 1965.

Ralph Albright, senior preparation technician, College of Science, from April 18, 1962, until his retirement Oct. 1, 1977, died Oct. 9. He was 76.

Fannie Riggelman, janitorial worker, Office of Physical Plant, from Aug. 13, 1973, until her retirement Jan. 1, 1984, died Oct. 9 at the age of 67.

Nelda L. Shaner, bookstore manager at Penn State Berks Campus, from Jan. 10, 1977, until her retirement on disability May 31, 1980, died Oct. 8 at the age of 40.

Faculty/Staff Alerts

Don't be caught uncovered

The Employee Benefits Division periodically receives complaints from faculty and staff members who have had claims for a dependent spouse or child denied because either they neglected to enroll an eligible dependent or their dependent was no longer eligible. At that point it is too late to enroll the dependent, or to secure coverage from another company to have the claim paid.

For the purpose of the University health care plans, dependents include a spouse and dependent children. Dependent children are defined as unmarried children, adopted children or stepchildren until their nineteenth birthday, or until reaching their twenty-third birthday if they are full-time students. It also includes physically handicapped or mentally retarded children, regardless of age, who are incapable of self-sustaining employment, provided they are insured prior to the maximum age otherwise applicable.

If you gain or lose a dependent through marriage, birth, adoption, divorce, death or because of age, you immediately should change, as applicable, the dependent coverage, on the health care plans, assuming you desire the coverage or wish

to have it discontinued.

If an eligible dependent is acquired and coverage is not requested until 31 days after he or she is acquired, there is a three-month waiting period before hospital/surgical/major medical and basic dental service coverage begins; there is a two-year waiting period before major dental services (crowns, dentures, bridges, etc.) are covered. Coverage under the vision plan is limited to eye examination only and charges for lenses and frames would not be considered until the next calendar year.

If coverage already is being provided for a dependent child or children, it is not necessary to add additional children as they are born. Coverage for them is automatic. In turn, it is not necessary to remove children from the coverage as they become ineligible, until the last dependent child is to be removed.

If both husband and wife work at the University on a full-time basis and thus are covered under the plans, they should not be covering each other as dependents, and only one parent should cover dependent children. If one spouse ceases to work for the University, the spouse who remains employed should pick up the other spouse and/or eligible dependents, if the coverage

is desired.

If you find it necessary to add or remove dependents from your health care coverages, or if there is any doubt as to whether or not a change should be made, contact your personnel representative, campus director of business services or a member of the Employee Benefits Division staff. It is necessary to complete a form in order to make such a change.

Prescription drug plan

Faculty, staff and retirees who have prescriptions filled at the Ritnerout Health Center pharmacy under the Maintenance Prescription Drug Plan (MPDP) are reminded that the pharmacy will be closed for several days over the Thanksgiving and Christmas holidays.

The pharmacy will not be open from Thursday, Nov. 23, through Sunday, Nov. 26, and from Friday, Dec. 22, through Monday, Jan. 1.

Those individuals who will need prescriptions filled in November and December are urged to take the service in advance of those dates as prompt service cannot be guaranteed at the last minute.

MPDP users also are reminded that interoffice and U.S. Mail Services may be

used when ordering prescription drugs.

Prescription refills may be ordered by calling the pharmacy (865-9321).

Questions about the MPDP may be referred to the pharmacy or the Employee Benefits Division (865-1473).

Product warning

Environmental Health and Safety in the Department of Safety has received a product warning concerning liquified Phenol from Fisher Scientific Company.

According to the product warning, some bottles may have loose caps, allowing leakage. To avoid possibility of skin contact or inhalation, the following steps should be taken:

Wear protective clothing, gloves, and goggles; open shipping container under chemical fume hood; check for loose cap if leakage is evident; tighten cap and flush outside of bottle with water. Or, you may return unopened shipping container to Fisher Scientific for replacement.

If you have any questions, call (800) 537-9134 between 8:30 a.m. and 4 p.m. Monday through Friday and ask to speak with the quality assurance chemists.

Three Alumni Fellows to visit College of Engineering

Raymond A. Bowers, chairman of Lewis C. Bowers and Sons, Frank Gabron, chairman of Helix Technology Corp. and professor of entrepreneurship in engineering at Penn State and Donald Watson, deputy director of the California Department of Transportation, will return to the College of Engineering Oct. 25-29 as Alumni Fellows.

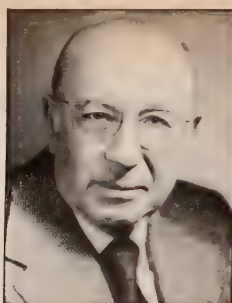
During their visit, they will visit classrooms, conduct seminars and meet with engineering administrators and faculty.

Mr. Bowers, a 1931 architectural engineering graduate, is a leader in the building industry who also has influenced engineering education. He and his brother took over the family business, a small home building company, in 1942 and built it into one of the nation's major construction and architectural concerns.

An active supporter of Penn State engineering, he received the highest alumni honor of the College of Engineering, the Outstanding Engineering Alumnus Award in 1988. In 1987, he established an endowed fund in engineering and has played a key role in establishing the College of Engineering Consortium for the Advancement of Building Sciences. He also advises on research activity in architectural and industrial engineering.

He is a Princeton area civic leader and has served as director of the Princeton YMCA, chairman of the Middle Atlantic YMCA Youth and Government Program, president of the Princeton Rotary Club and of the United Fund and as an advisory board member for Hamilton Hospital, Rider College, Hun School and Comcast Cable.

Mr. Gabron, who received his master's in mechanical engineering in 1955, is an entrepreneur who also holds several patents



Raymond A. Bowers

and has published numerous technical papers. He began his career as a combustion research engineer at United Technology Corp., where he was responsible for early rocket development. He also worked with Arthur D. Little Inc., before joining Helix in 1974.

Currently a member of the board of directors of Aconic Systems Corp. and Termux Corp., he was named the Keen professor of entrepreneurship in engineering at the University in August. The professorship was established by Emil M. Keen, Palm Beach Gardens, Fla., in 1988. In 1987, Mr. Gabron was named the College of Engineering's Outstanding Engineering Alumnus.

He is chairman of the Boston area Campaign for Penn State and a member of the New England Regional Administrators



Frank Gabron

Committee for Penn State. The Gabrons have established three scholarships in the College of Engineering and have provided major equipment support. He also serves as chairman of the Mechanical Engineering Industrial and Professional Advisory Council.

Mr. Watson, a 1950 civil engineering graduate, is an administrator and environmental innovator. His first job after graduation was with the Bureau of Reclamation. He also worked in the California Division of Highways (now CALTRANS) and the California Energy Commission.

He was named director of the Los Angeles District CALTRANS in 1980 and was instrumental in developing the Harbor Freeway Transitway, an innovative approach to Los Angeles transportation



Donald Watson

problems. In 1988, he was appointed deputy director for Resource Management, where he oversees a \$13-billion, five-year state transportation improvement program.

Mr. Watson has provided leadership for minority engineers and currently serves as a member of the College of Engineering Committee on Minority Engineering Activities. In 1988, he received the Black Engineer of the Year President's Award.

Carpooler

Doris needs a ride from Madera-Houtzdale-Philipsburg area to University Park weekdays from 6:30 a.m. to 3:30 or 4 p.m.; Saturday from 7 a.m. to 3:30 p.m.; and Sunday from 8 a.m. to 4:30 p.m. Call 378-8314 after 5 p.m.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304). Applications for these staff vacancies will be accepted until Oct. 26, 1989. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment practices (PS-1) and in compliance with the University's Alternative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law), sex or status as a disabled or Vietnam era veteran.

• **Publications Coordinator, College of Health and Human Development, Office of the Dean, University Park Campus** - Responsible to the assistant to the dean for communications for developing promotional publications, writing news releases and feature stories, and coordinating certain communications programs and events. Develop a coordinated publications program for student

recruitment and general publications. Write, edit and produce brochure, newsletters and other printed materials. Prepare, bachelors degree, or equivalent in journalism, English, communications or related field and one to two years of effective experience. Experience with desktop publishing helpful. STAFF GRADE 5.

• **Classification Analyst, Office of Human Resources, Salary Administration and Classification, University Park Campus** - Responsible for assisting in the implementation and maintenance of the University's wage and salary classification plan. Duties include reviewing and evaluating new and existing positions, developing job descriptions and classifying positions under the provisions of the Fair Labor Standards Act. Requires bachelor's degree, or equivalent, preferably with some course work in personnel administration or industrial engineering, plus one to two years of effective experience, preferably in job evaluation and classification activity. STAFF GRADE 6.

• **Computer Support Assistant, Office of Human Resources, Information Systems, University Park Campus** - Responsible to the manager, Information Systems Division, for providing support and assistance to the Office of Human Resources systems and activities. Reconstruct operating systems or

software set up to resolve software problems, as appropriate. Assist in the development of training packages and programs and train staff in the use of office information software. Requires associate degree, or equivalent, in computer science or related field plus one to two years of effective experience. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1990. STAFF GRADE 4.

• **Production Coordinator, Division of University Relations (Publications), University Park Campus** - Responsible to the production manager for coordinating all elements of the production process of Publications. Requires bachelor's degree, or equivalent, preferably in an art or graphic design major, with a communications or marketing emphasis, and one to two years of effective experience in graphic design, with knowledge of printing, photography, illustrative and typographical processes. Effective written and verbal communication skills essential. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1990. WITH GOOD POSSIBILITY OF RE-FUNDING. STAFF GRADE 5.

• **Network Systems Coordinator, Computer and Information Systems - Office of Telecommunications, University Park Campus** - Responsible to the senior operations coordinator

Transmission Facilities and Operations for monitoring the operation of the telecommunications network, including voice, data and video systems. Support the system at University Park and statewide. Requires associate degree, or equivalent, plus two to three years of effective experience in telecommunications. Strong background in telecommunications and in problem determination. Excellent verbal and written communication skills are required. MAY BE ASSIGNED TO NIGHT, EVENING OR WEEKEND WORK ON A CONTINUING BASIS. STAFF GRADE 5.

• **Clinical Educator, College of Medicine, Hershey Hospital, Emergency Services, Hershey Medical Center** - Responsible to the manager, Emergency Services, for providing orientation, inservice education and specialized courses as well as nursing expertise within Emergency Services. Serves as consultant, educator, collaborator, clinician, researcher and change agent for specialty area. Requires master's degree, or equivalent, in clinical area plus one to two years of effective experience current licensure by Pennsylvania State Board of Nursing, certification in specialty area. Emergency nursing experience desirable. STAFF GRADE 6.

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William E. Campbell Jr., Editor
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AWARDS PRESENTED

Faculty and staff members and alumni have received a number of awards. See the stories on page 7.

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INTERCOM

October 26, 1989

Volume 19, Number 10

Information submitted for publication in *Intercom* is due by noon on the Thursday before publication.

Nationally known in field of educational administration

Reed named College of Education dean

Rodney J. Reed, professor and chair of the Division of Educational Administration, School of Education, University of California at Berkeley, has been selected as dean of the College of Education. In addition, he will serve as Pennsylvania professor of education.

His appointment, effective Jan. 2, 1990, will be forwarded for approval to the University's Board of Trustees at its meeting in November.

"We are delighted to welcome Dr. Reed, who is nationally known in the field of educational administration," President Jordan said.

"His academic credentials and administrative experience make him the ideal candidate to lead the College of Education into the 21st century."

Dr. Reed's teaching and research focuses on school leadership and management, human resources management and educational equity at all levels of education.

He is the author of *School and Community Testing Programs: Perceptions and Effects on Black Students in Louisiana and North Carolina*, *Expectations and Student Performance and Raising Expectations and Achievement Levels of Minority Students*. He is the co-author of *Educational Administration and Policy: Effective Leadership for American Education*.

He has served on editorial boards of several professional journals, including *Educational Researcher and Education and Urban Society*.

Dr. Reed currently is chair of the Division of Educational Administration at Berkeley and chair of the faculty of the School of Education.

He has earned a B.A. from Clark College, an M.A. from University of Michigan, and a Ph.D. in educational policy, planning and administration from University of California, Berkeley.

Other university activities include serving as faculty assistant to the chancellor for

academic affirmative action and as chair co-chair or member of several committees and task forces at the Berkeley campus and at the university systemwide level.

In addition, he is the founder of the Institute for School Administrators at the University of California and served as its director from 1978 to 1987.

In the community, Dr. Reed has served as first vice chair and board member of the Bay Area Urban League and chair of its Education Committee. In addition, he is a life member of the NAACP and has served as chair of the Education Committee for the Bay Area Black United Fund, which has awarded him its Bronze Award.

Other accomplishments include being named to Who's Who in American Education, Who's Who in the West, Who's Who Among Black Americans, Community Leaders and Noteworthy Americans, Directory of Distinguished Americans, and Dictionary of International Biography.



Rodney J. Reed

University Park recycling program is set to begin

One year ahead of the state-mandated schedule, Penn State is kicking off a recycling program for the University Park Campus.

"This is an opportunity for Penn State to provide leadership and show that we are concerned about the future of our environment," James Wagner, associate vice president for business and operations, said.

"We are confident that with the cooperation of every student, faculty and staff, we will make an impact on the growing problem of waste and limited space."

"The University is phasing groups of buildings and residence halls gradually into the program, beginning on Oct. 30 and finishing in fall 1990."

Penn State is among several universities nationwide that have adopted or are adopting recycling programs, but its program should be one of the largest, once the implementation is complete.

The University is part of a cooperative recycling effort with the Centre County Solid Waste Authority, with the Office of Physical Plant overseeing the implementation.

Initially, there will be two separations: one for paper and one for containers. The rest will be considered non-recyclable trash and discarded as usual.

Recyclable paper includes white ledger paper (writing, typing and copy), newspaper, computer printout and corrugated cardboard. Containers include clear, green and amber glass, aluminum cans, plastic soda bottles, plastic milk and water jugs, and steel and tin metal cans.

"The paper must be dry and not contaminated by food,"

PENN STATE



RECYCLES

said Phil Melnick, manager of support operations and special programs at Physical Plant. "Also, containers should be rinsed before depositing in the collection boxes."

What is NOT recyclable? Examples include colored paper, napkins, magazines, books, pizza boxes, detergent bottles, toothpaste tubes, light bulbs, lab glass, plastic wrap or aluminum foil.

Residence halls will have special barrels and boxes for recycling paper and containers in laundry rooms, workrooms, janitorial closets and other central locations. In offices and classroom buildings, central containers will be

located in office areas and corridors. All receptacles will be marked for recyclables.

"People will have to take a few extra steps, but they will be helping us tackle a serious waste disposal problem," Mr. Melnick said.

"According to a study, the University generates more than 3,200 tons of paper each year," he notes. "Paper is the largest single component of the waste stream at Penn State. If all the solid waste generated by University Park each year was spread on the mall from College Avenue to Pollock Road, it would stand 85 feet tall."

As each group of buildings is phased in, the occupants—either students or employees—will receive specific information individually on the day recycling begins.

The janitorial employees and a network of select individuals in each building have had a more detailed orientation, and they will be assisting with the program in their departments.

Pennsylvania state law now requires all primary and secondary schools, as well as colleges and universities, to implement recycling programs by fall 1990.

Additional information on the University Park Campus program is available by calling the Recycling Hotline, (814) 865-8000.

"People are realizing that recycling makes sense as part of the solution to the nationwide solid waste problem. We are confident that everyone will participate fully in the recycling program," Mr. Wagner said.

Recycling schedule

Oct. 30:

Pollock I Residence Halls (Commons, Porter, Shunk, Hiestler, Wolf, Ritner and Shulze), Althouse, Chandlee and Davey Labs, Henderson North and South, Mueller, North Frear, Human Development East, Oswald Tower, Pond Lab, South Frear, Whitmore Lab.

Nov. 27:

Pollock Residence Halls (Beaver, Hartranft and Mifflin), Bouckee, Buckhout, McAllister, Osmond, Ritzenour, Telecommunications, Warlick.

Dec. 15:

Agricultural Engineering, Agricultural Administration, Henning, Armsby, Art Education Crafts, Birch Cottage, Borland Lab, Calorimeter Building, Credit Union, DGS, Eisenhower Auditorium, Fenske Lab, Ferguson.

Jan. 15, 1990:

South Halls, Atherton Hall, Grange, Headhouse 1 and 3, Locust, Maintenance Central Landscape Depot, Mitchell, Palmer Museum of Art, Patterson, Pavilion Theater, Pine Cottage, Schwab Auditorium, Spruce, Tyson, Paul Robeson Cultural Center, Weaver.

Feb. 5:

Simmons and McElwain Halls, Arts, Business Administration I, II and III; Cedar, Chambers, Faculty, Keller, Moore, Music, Rackley, Sparks, Visual Arts.

Feb. 26:

Foundry, Hammond, Rec Hall, Waring offices and classroom, White Building, Willard.

March 19:

West Halls, North Halls, Burrows, Carnegie, Carpenter, Deike, Eisenhower Chapel, Engineering Units, Hilseng.

Kern, Mineral Science, Noll Lab, Old Botany, Steidle, University House, Walker, Willard, Electrical Engineering East and West, Engineering Services, Hallowell Building, Mechanical Engineering, Old Main, Power Plant, Sackett.

April 9:

East I and II Halls, Leased Buildings: Stanton, William Street, Charles, Book, Calder Way I and II, Scott, James, Rider, Rose, George, Archive, Floyd, Daniel, Susan, Aaron, Barbara, Charlotte, Karen, Robert, Ruth.

April 30:

Graduate Housing and Nittany Apartments, Beaver Computer Lab, Computation Center, Findlay Computer Lab, Forum, IM Building, McCoy Natatorium, Pattee, Redifer Computer Lab, Swine Research, Undergraduate Library.

(Continued on page 3)

Focus on Diversity

York Campus reports on retention plan

Early intervention and study groups are the key elements of the Penn State York Campus retention plan.

Penn State York faculty and staff members outlined the plan in a presentation to the President's Council on Undergraduate Recruitment and Retention.

Robert B. Campbell, chair of the York Campus Retention Committee, said one of the primary goals of the group is to facilitate a broad-based discussion among faculty, students, and staff as it looks at ways to positively affect the success of York students.

Early intervention at York, the Council was told, is triggered by the Learning Center.

Notices of Learning Center services along with referral slips, go to all faculty within the first three weeks of the semester.

Faculty are encouraged to provide to students an early indication of progress in their course, and refer students to the

Learning Center as early as possible - he added.

The study group initiative was introduced at the campus by John Romano, campus executive officer.

According to Mr. Campbell, the York Retention Committee decided to look more carefully at the organization and development of study groups during the current academic year. A York Campus faculty member, Mark Casteel, assistant professor of psychology, reported on the success he has seen in organizing students in the Psy 2 and Psy 221 classes into study groups during Fall 1988 and Spring 1989.

Both early intervention and study group concepts were discussed during Fall Semester faculty orientation in sessions facilitated by the Retention Committee, and will be studied further during this year, the group reported. The study group idea also was discussed during student orientation by Dr. Romano and reinforced in subsequent orientation programs.



College-high school exchange program

The College of Agriculture has adopted Walter Biddle Saul High School of Agricultural Sciences in Philadelphia as part of that city's "Adopt-a-School" program. The college will help Saul students find careers and educational opportunities in the field of agriculture. A magnet school for the agricultural sciences, Saul attracts students from throughout Philadelphia. Last year, students earned Penn State credits for a course in poultry science taught at Saul. Shown at Saul are, front row, from left, Robert Holley, Saul agricultural coordinator; Laramie F. Hood, dean, College of Agriculture; Saul students Jean Lonie, Joann Smith, Melissa Wixted and Henry Abraham (in front); and Elmore Hunter, county extension director, and Bruce Richards, 4-H agent, Philadelphia County, in the back row, from left, are Herbert Jordan, associate professor of poultry science, and William Henson, director, agriculture minority student programs.

Diversity Calendar

Wednesday, Nov. 1

Pennsylvania College of Technology, 7 p.m., Academic Center Auditorium. Shirley Chisholm, former congresswoman on Ol Course. Women Dare."

Thursday, Nov. 2

Women's Studies, 8 p.m. HUB Gallery. Valerie Vimer, University of California Berkeley, on "Worldly Words International Women's Storytelling."

Wednesday, Nov. 8

Center for Women Students, noon-1 p.m. 120 Bouck Building. Brown Bag Lunch Series. Introduction to Sexual Assault Awareness Prevention Week (Nov. 12-17). Film *Against Her Will* discussion.

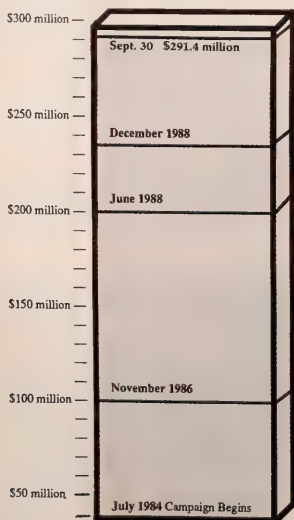
WPSX-TV program

Tom Brown's Journal, airing at 11:30 a.m. Sunday, Oct. 29, welcomes Dick Gregory, a truly modern-day crusader. He fights poor health, obesity, racism - and now drugs.

In his latest crusade, working out of a trailer in one of Shreveport, Louisiana's meanest drug areas, Mr. Gregory has organized an army of local people with personal commitments to fight the drug war. He also has been joined in this fight by a man, an unlikely ally 30 years ago, the police chief of Shreveport, Charles Gruber.

The Campaign for Penn State

CAMPAIGN FOR PENN STATE Progress Toward \$300 Million Goal



Creamery courtyard to be senior gift

A record number of Penn State seniors has voted to fund construction of a new Creamery courtyard as the class gift to the University.

Renee Stumpf of DuBois, chair of the senior class gift committee, said the 1,378-vote total was almost 400 ballots more than last year's tally.

"The class of 1990 has chosen a project that will benefit the entire University community," Ms. Stumpf, a molecular and cell biology major, said. "The popularity of the Creamery also means that the class's gift will be highly visible."

The 0.600-square-foot (60 feet by 110 feet) courtyard will be on the eastern side of the Creamery building. According to University landscape architect James Diesle, the area will create another pleasant gathering spot on campus for students and visitors.

Seniors will be asked to pledge the

balance of their general deposits and to make direct contributions in order to raise the project's estimated \$20,000 cost. The gift committee also plans to hold flower sales and other fund-raising activities during the coming year.

"This is a chance for us to work together as a class and give something back to Penn State," Ms. Stumpf said.

Sue Powell, assistant director of the Office of Annual Giving, said seniors wishing to make a contribution or volunteer to work on the gift committee may contact her office at 863-2052 for more information.

Senior class gifts are a Penn State tradition dating back to the first graduating class of 1861. Last year's seniors funded the construction of an outdoor study terrace near the main entrance of Pattee Library. That project is now under construction.

Eight will benefit from scholarships

Eight University students will each benefit from \$500 scholarships funded by awards the University has received from the Council for the Advancement and Support of Education (CASE).

The Division of Development and University Relations in 1987 and 1988 won the CASE Grand Gold Medal for General Program Excellence, a distinction which includes a cash grant.

The one-time scholarships will be awarded in the names of President Jordan, Board of Trustees President J. Lloyd Huck and volunteer members of the Planning

Group of The Campaign for Penn State. The Campaign is the University's six-year, \$300 million fund-raising effort.

"We're honoring these individuals and their spouses in recognition of their outstanding leadership and the exemplary commitment they have made to the Campaign," G. David Gearhart, senior vice president of the division, said. "To assist students in their names is a great privilege for us."

The honorees were invited to select the academic fields in which the awards were to be made.

'Park and Ride' program to begin at University Park

On Oct. 30, the University's Campus Loop bus service will join with the Centre Area Transportation Authority bus service to form The Loop at University Park. To kick off the new Loop, bus service will be free Monday, Oct. 30, to Wednesday, Nov. 1.

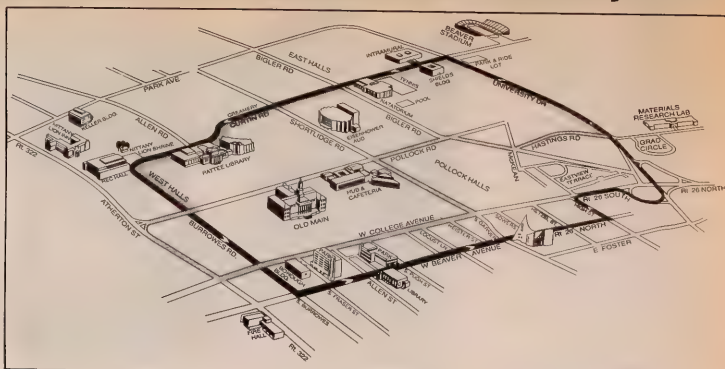
A major component of the new Loop is a "Park and Ride" program designed to alleviate parking congestion in downtown State College.

A 140-space parking lot is under construction at the corner of University Drive and Curtin Road at University Park (near Beaver Stadium). It will be available to University and community residents.

The University's Campus Loop buses will maintain their existing circular route along West College Avenue, North Atherton Street and around University Park Campus, while two CATA buses will travel in the opposite direction. All Loop buses will be blue and white to distinguish them from other CATA buses.

The combined Loop system will provide service every five minutes from designated locations, including stops at the "Park and Ride" lot, to shuttle passengers from the lot to campus and downtown locations, according to Stefan Fabian-Marks, CATA bus planner.

The new bus service is the product of a joint venture between the University, CATA, the borough of State College, State College Area Chamber of Commerce and



The Downtown Business Association. It is designed to improve mobility for area residents and alleviate parking problems in downtown State College, Mr. Fabian-Marks added.

The University is leasing the land for the "Park and Ride" lot to CATA. The borough of State College is paying for the lot's construction costs.

With the addition of the CATA buses, the former Campus Loop system will expand its routes and lengthen its service hours. The cash fare will remain 25 cents one way. Exact fare or bus pass is required to ride The Loop. Monthly "Park and Ride" permits with a Loop pass will cost \$20.

The parking permit for the "Park and Ride" lot and the bus pass are transferable

and guarantee the subscriber a parking space and frequent Loop bus service.

For more information on The Loop and "Park and Ride" program, call 238-2528. Loop schedules will be available from Fleet Operations and at Hetsel Union Building, Kern Commons and Pattee Library.

Recycling schedule

(Continued from page 1)

May 21:

Central Milk Testing Lab, East Area Locker Room, Fleet Operations, Holuba Hall, Hostetter Business Services, Physical Plant Building, Shields, Indoor Tennis Courts, Wagner.

June 11:

Academic Activities, Academic Projects, Ag Arena, Animal Behavior Lab, Animal Disease Lab, Animal Maintenance Center, Beaver Stadium, Beecher House, Beef and Sheep Administration.

Benedict, Brumbaugh offices, Centralized Biological Lab, Dairy Barn Administration, Dairy Breeding, Ent. Ag. Field Lab, Forestry Resource Lab, Gardner House, Gypsy Moth Research, Headhouse 4, High Pressure Gas Lab, Horse Barns, Land and Water Resources.

Livestock Holding Facility, Maintenance Service 1, Materials Research Lab, Meats Lab, Merkle, Pesticides Research Lab, Pinchot offices, Poultry Headquarters, Research Center Storage, Research Unit A, B and C, Research Building, Rock Springs Plant Pathology, Salvage and Surplus Warehouse, Special Services, Greenberg Indoor Sports Complex, University Park Airport buildings, Wiley Lab, Waste Water Treatment Plant.

New Business Administration computer lab is dedicated

Representatives from Hewlett Packard and University administrators, faculty members and students today dedicated a new computer laboratory for the College of Business Administration.

Taking part in the dedication was Harold Edmondson, vice president and director for corporate management, Palo Alto, Calif. While at University Park, he participated in the MBA Executive Interaction Program and spoke at the Advanced Manufacturing Forum, sponsored by the Center for the Management of Technological and Organizational Change.

The Hewlett Packard Laboratory, located in the Business Administration Building, was made possible through a \$134,000 gift

from the computer manufacturer.

The new lab, which will be used by students in the MBA program and undergraduate honors program in business, features eight state-of-the-art work stations, including eight personal computers with color monitors, eight Pajinet printers, two laser printers, three graphics scanners and two graphics plotters.

David L. Horn and Carl L. Nale, Penn State alumni who are now employees of Hewlett Packard in California, along with William Anderson, a systems engineer with the firm's Harrisburg office, were instrumental in securing the gift.

In a related development, a cooperative agreement between the College of Business

Administration and the Center for Academic Computing has resulted in another Public Microcomputer Laboratory for the University's academic community.

The lab, located in Rodin 7, 9 and 11 of Beam Hall, consists of 40 IBM PS/2 Model 30's with monochrome monitors, and 20 IBM 6152's with model 8513 color monitors.

All 60 PCs are networked on an IBM token ring LAN with IBM Quick Writer

printers and an 80 MG Banyan CNS file server. Each PC has mainframe connection capabilities, with mainframe printing capability planned in the future.

Lab operating hours are identical to other public labs operated by the Center for Academic Computing at University Park: 8 a.m. to 1 a.m. Monday to Thursday; 8 a.m. to 10 p.m. Friday and Saturday, and 1 p.m. to 1 a.m. Sunday.

Genetics expert will give Baker lecture

James V. Neel, professor emeritus of human genetics at the University of Michigan Medical School, will give the third annual Paul T. Baker Lecture at 4 p.m. Monday, Nov. 6, in 112 Kern Graduate Building at University Park.

He will discuss "The Genetic Effects of the Atomic Bombs." At 1 p.m. Tuesday, Nov. 7, he will conduct a seminar, "Spontaneous Human Mutation Rates," in 101 Kern.

In his lecture, Dr. Neel will examine the potential for genetic mutation caused by atomic radiation. In 1947-48, he was acting director of field studies for the Atomic Bomb Casualty Commission of the National Research Council, and he has been a major scientific participant in studies there ever since.

In the seminar, Dr. Neel will discuss the evidence for mutation among the Yanomamo Indians of Venezuela.

Dr. Neel, who holds a doctorate from the University of Rochester, became Lee R. Dice University professor of human genetics at the University of Michigan and was the founder and longtime chairman of the Department of Human Genetics at the medical school. Since 1947, he has been a

prominent member of the U.S. research delegation at the Radiation Effects Research Foundation in Hiroshima and Nagasaki.

The Baker Lectureship in Human Biology and Anthropology was established in 1987 to honor Paul T. Baker, former chair of the Department of Anthropology.



Taking part in the unveiling of a memorial plaque at the formal dedication of Penn State Great Valley are, from left, Stephen P. Lagoy, West Chester attorney; Lawrence S. Cole, center executive officer, and President Jordan. The plaque commemorates a \$433,000 gift to Great Valley's endowment from the Charles H. Marshall estate.



James V. Neel

Focus on the arts

The arts on Channel 3

Great Performances opens its 17th season with a dazzling new production of Jerome Kern and Oscar Hammerstein 2nd's "Show Boat" at 9 p.m. Friday, Oct. 22 on WPSX-TV. With the assistance of William Hammerstein, son of the late lyricist and "Show Boat" co-creator, the telecast is a faithful remounting of the classic musical, taped at New Jersey's Paper Mill Playhouse, long a leader in preserving America's musical theater heritage.

Art of the Western World continues at 2 p.m. Saturday, Oct. 28, with Michael Wood and Kathleen Weil-Garris Brandt focusing on the works of three "High Renaissance" geniuses: Leonardo da Vinci's "Last Supper" and its current restoration; Michaelangelo's Sistine Chapel ceiling and colossal sculpture "David"; and Tintoretto's monumental "Last Supper."

The Karajan Legend, a one-hour documentary airing at 12:30 p.m. Sunday, Oct. 29, examines the colorful career of conductor Herbert von Karajan, a man of indomitable will and undisputed genius whose name came to be synonymous with the Berlin Philharmonic.

Thespians production

The Penn State Thespians will present the musical "Hair" tonight through Oct. 29 in Schwab Auditorium at University Park.

A non-profit musical, "Hair" presents an attitude, a climate, an abundance of incidents, but no straight storyline.

It ran for over four years on Broadway, between April 1968 to July 1972, and for more than five years in London. The songs have become well known to various generations with such hits as "Aquarius," "Good Morning Sunshine," "Let The Sunshine In," and the title song, "Hair."

Curtain time is 8 p.m. for all performances, except for Sunday, Oct. 29, which is 2 p.m. Tickets are \$6.00, with a \$5.00 discount per ticket for groups of 15 or more for the same performance. The box office is located near the Hetzel Union Building, desk: telephone 865-9461 between 8:30 a.m. and 4:30 p.m.

Visiting artist

Mary Lucier, pioneer of multi-channel video installation, will present three public lectures about her work at University Park Oct. 30-Nov. 1.

Her talks will be at 7 p.m. Monday, Oct. 30, and Tuesday, Oct. 31, in 215 Willard Building and at 1:30 p.m. Wednesday, Nov. 1, at the Palmer Museum of Art.

The second of eight visiting artists/critics sponsored by the School of Visual Arts visiting artists seminar, she will discuss her development as a video installation artist and her relationship to other video artists. She also will show excerpts from her recent work during her talk at the museum.

Ms. Lucier's work with a video camera addresses contemporary and historical issues of painting, sculpture and photography. She explores visual perception and memory in landscape, while commenting on the conflict between nature and industrialized civilization.

Art history lecture

Cathie Kelly, of the Department of Art at the University of Nevada, will present a lecture, "Paolo Poni: Papal Architect 1756-1776" at 8 p.m. Tuesday, Oct. 31, in the HUB Assembly Room at University Park.

The lecture will conclude the fall semester's series, "The World and the Italian Architect: Native Images and Reflections Abroad," co-sponsored by the Department of Art History and the Institute for the Arts and Humanistic Studies. This year's series is dedicated to Helmut Hager, head of the Department of Art History. The lectures will resume in March 1990.

Dr. Kelly's lecture will concentrate on the later years of Poni's career in Rome as the architect for three successive popes



Mary Lucier, pioneer of multi-channel video installation, is shown with "Wilderness: Rapture and Rupture." See story this page.

between 1756 and 1776.

Dr. Kelly completed her graduate studies in art history at Penn State in 1980 with a dissertation on the Baroque architect, Ludovico Rusconi Sass, under the direction of Dr. Hager. She received a two-year Fulbright-Hays research grant for study in Rome, and has continued her research with faculty development grants and Research Council grants from the University of Nevada.

The lecture is free and open to the public and will be followed by a reception in the library of the Department of Art History, 132 Arts Building.

Oboe soloist

Barry Kroeker, assistant professor of music, will perform solo and chamber works for the oboe at 8 p.m. Wednesday, Nov. 1, in the Recital Hall of the School of Music at University Park.

The recital will open with Benjamin Britten's "6 Metamorphoses after Ovid," followed by the Arnold Bax "Quintet for Oboe and Strings." Alard Quartet members, Joanne Zagst, Donald Hopkins, Leonard Feldman and Raymond Page, will join Professor Kroeker for this piece.

After intermission, pianist Cecilia Dunoyer will assist in the performance of Robert Schumann's "Three Romances" followed by Mozart's "Adagio, K. 580a" for English horn and strings. The concert will conclude with Puccini's "Concerto on Soprano Melodies from Donizetti's Opera, La Favorita."

Percussion ensemble

The Penn State Percussion Ensemble will perform its annual fall concert at 8 p.m. Friday, Nov. 3, in the Recital Hall of the School of Music at University Park. The ensemble is directed by Dan C. Armstrong of the School of Music faculty.

The concert will open with "Portico" for percussion orchestra by Boston Symphony Orchestra percussionist Tom Gauger. Following this will be a work for solo rototoms and percussion quintet, "Encounters VI" by William Kraft, composer in residence with the Los Angeles Philharmonic. The final work for the first part will be another quintet, "Music for Pieces of Wood" by minimalist composer Steve Reich.

The second half of the concert will open with an arrangement of Liszt's "Faust Waltz" by John Rack, doctoral student, "Woodwork" for mallet quartet by Jan Bach, featuring a wide variety of wooden instruments such as marimba, xylophone, log drums and bamboo wind chimes, will follow.

The concert finale will be "Ionisation," the historically important early work for percussion ensemble by Edgard Varese.

Odyssey on WPSX

If Machado de Assis's master tale, *Dom Casuarina*, only means what it says and nothing more, comments Eric Fitz on the next "Odyssey Through Literature" broadcast, "It's a bland; bland little story."

But *Dom Casuarina* is not really about the possible adultery that it describes; it is about the treachery of language. "If Machado were here," says Dr. Fitz, professor of Portuguese and comparative literature, "I think he would say that language is always treacherous -- but we have no recourse."

Machado's novel, says host Leonard Rubinstein, presents a moral lesson. It forces each reader to find "the strength and the humility to make a decision on the basis of insufficient evidence." A reader may not accept the narrator's interpretation of what happened, but, says Mr. Rubinstein, "I can't completely accept other interpretations."

"Odyssey Through Literature" is produced by the Comparative Literature Department and airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Chamber singers

The Penn State Chambers Singers will present a concert at 12:10 p.m. Thursday, Nov. 2, in Eisenhower Chapel at University Park. The concert, part of the Bach's Lunch Concert series, sponsored by the School of Music and the University Lutheran Parish, will feature works from "A Choral Travelogue."

The Chamber Singers consists of 20 singers selected from the Concert Choir and are directed by Douglas Miller.

URTC production

The Penn State University Resident Theatre Company (URTC) will present its second play of the 1989-90 season, "On the Verge," at 8 p.m. Nov. 3 in the Pavilion Theatre at University Park. Additional performances are scheduled for Nov. 4 and Nov. 6-11 with 2 p.m. matinees on Nov. 4 and 11.

"On the Verge," written by Eric Overmyer, is a comedy about three Victorian women explorers, who set out on a mythical safari that travels through time.

"On the Verge" is directed by Bob Leonard, a veteran director for URTC and PACS, who directed "Little Shop of Horrors" for PACS last summer. The cast of four consists of three MFA acting candidates and Peg French, a Theatre Department faculty member.

The production crew includes set designer, Charles Wittreich, a BFA candidate in technical theatre; costume designer, Montez-Hendrix King, resident designer for URTC; lighting designer, Terry Gipson, a second year MFA candidate in scene design; sound designer, Jackie Bauer,

a graduating BFA candidate in technical theatre. Kevin Fry is dramaturg for the production.

Homecoming concert

The Penn State Glee Club will present the first concert of its 101st season at 7:30 p.m. Saturday, Nov. 4, in Schwab Auditorium at University Park. Glee Club alumni will join this year's group for several selections.

The program will include sacred works by Hassler, Pablo Casals, and Ralph Vaughan Williams. British and American sea shanties, Spanish drinking songs, and a selection of Afro-American spirituals.

Alumni and the Glee Club will combine to perform "Down in the Valley," "Ride the Chariot," "Brothers Sing On" and Penn State Football Songs. The Hi-Lo's, a 14-man specialty group, and the Varsity Quartet, a barbershop ensemble, also will be featured in the concert.

The 65-voice men's chorus, directed by Bruce Trinkle, associate professor of music, was founded in December of 1888 and has been one of the most active Glee Clubs in the country.

WPSX project

In 1992, Pennsylvania will observe the 500th anniversary of the first voyage by Columbus to the new world. As part of that celebration, WPSX-TV is working on a project that is aimed at highlighting the diverse ethnic ancestry of the state from a historical perspective.

The Spirit of Pennsylvania (w.t.), a joint project of WPSX-TV and the Pennsylvania Historical and Museum Commission, will use television vignettes to explore the history, values, and contributions of the many ethnic groups in the Commonwealth, and will show how these disparate groups have contributed to the development of the state.

Current plans for *The Spirit of Pennsylvania* include the production of 21 five-minute video vignettes to be offered for use by all public television stations in Pennsylvania. The series also will be offered for use in schools. Community organizations such as libraries, ethnic societies, and churches also will be afforded the chance to use the productions for presentations, festivals, and other programs.

The project is funded in part by a grant from the Pennsylvania Historical and Museum Commission.

Bookshelf

Dennis J. Phillips, head librarian at Penn State Allentown Campus, is the author of *Teaching, Coaching, and Learning Tennis: An Annotated Bibliography*, published by Scarecrow Press Inc.

The publication celebrates the 20th anniversary of open tennis (1968-1988), marks the re-emergence of lawn tennis as an Olympic sport, and seeks to foster continued growth in the game in the United States.

The comprehensive work is of value to researchers, teaching professionals, coaches, players, and fans. The book contains 510 listings: published books, master's and doctoral theses, pamphlets, and unpublished studies produced in the United States between 1968 and 1989. Some foreign imprints also are included.

The author has included a detailed subject index in the book to permit the quick location of specific information on scientific, technical, physiological, psychological, and health aspects of the sport.

In addition to his library position, Mr. Phillips is a tennis instructor at the Penn State Allentown Campus. He also coaches the varsity tennis team at Cedar Crest College.

He holds a BA from Rider College and an MLS from SUNY-Albany.

University Park Calendar

October 26— November 5 Special Events

Thursday, October 26

Bach's Lunch, 12:10-12:30 p.m. Eisenhower Chapel. The Singing Lions.
Social History Collection, 3:45 p.m. Rare Books Reading Room. Pattee Library. Stephen Hardy. Univ. of New Hampshire.
East Asian Studies lecture, 7:30 p.m. 222 Boucke. Ambassador Natale H. Bellocchi, international affairs adviser, on "U.S. Policy Toward Taiwan."
Talk, 8 p.m. Palmer Museum of Art. Robert Rosenblum, N.Y. Univ., on "Art and Thomas Jefferson's Paris 1784-1789."

Friday, October 27

Geog. Coffee Hour, 4 p.m. 319 Walker. Cole Harris, geography, British Columbia, on "Canada Within North America."
Shaver's Creek, 7:10 p.m., Halloween Trail. Also Oct. 28. Oct. 29, 9 p.m. Call 863-2000.
School of Music, 8 p.m., Recital Hall. Penn State Philharmonic.

Sunday, October 29

Carnegie Hall Film Series, 7 p.m., 4 Carnegie Superstar: *The Karate Karate Story: Cane Totsi. An Unlabeled Hero*, 8:45 p.m., Youmbe (1981)

Monday, October 30

Comp. Lit. Luncheon, 12:15 p.m., 101 Kern. Erella Brown on "The Fictive and Real Limits of Translation between Hebrew and English. The Case of Itzhak Ben-Ner's *Makalah Bann*. Literary Journalism Lecture, 8 p.m., 108 Forum. Don Fry, Poynter Institute for Media Studies, on "Media Journalism."

Tuesday, October 31

Art History Lecture Series, 8 p.m., HUB Assembly Room. Cathie C. Kelly, Univ. of Nevada/Las Vegas, on "Paolo Piss, Papal Architect, 1756-1776."

Wednesday, November 1

Religious Affairs, Ethics in Health Care videotape, 7:30 p.m., Eisenhower Chapel Memorial Lounge. Does the Doctor Know Best?

School of Music, 8 p.m., Recital Hall. Barry Kneeler, oboe.

URTC, *On the Verge*, by Eric Overmyer, 8 p.m., Pavilion Theatre. student preview, also Nov. 2 through Nov. 11.

Thursday, November 2

Women of Color Luncheon, noon-1 p.m., Nittany Lion Inn. Men and Women of Color. School of Music, Bach's Lunch Concert, 12:10-12:30 p.m., Eisenhower Chapel.
Women's Studies, 8 p.m., HUB Gallery. Valerie Miner, Univ. of Calif., Berkeley, on "Worldly Views: International Women's Storytelling."

Friday, November 3

Group discussion, 10 a.m., Zoller Gallery. James Drake, artist, El Paso, Texas, on "Careers in the Visual Arts."
Homecoming parade, 5:15 p.m. starting on Bigler Road.
URTC, or *The Geography of Yearning*, through Nov. 11, Pavilion Theatre.
Geog. Coffee Hour, 4 p.m., 319 Walker. Sanford



Kristina Lyons, Leslie Brott, Peg French and Craig-Stephen Wallace are shown in a scene from the University Resident Theatre Company production 'On the Verge' opening at 8 p.m. Nov. 3 in the Pavilion Theatre.

Thatcher on "Scholarly Publishing at the Penn State University Press."

Japan Lecture Series, 7:30 p.m., 101 Kern. Masamichi Hanabusa, consul gen. of Japan in New York, on "Japan's New Role in the International Community."

School of Music, 8 p.m., Recital Hall. Penn State Percussion Ensemble.

Saturday, November 4

Shaver's Creek, 7:30-9:30 p.m., Members Only Owl Prowl. Call 863-2000.

School of Music, homecoming concert, 7:30 p.m., Schwab Aud. Penn State Glee Club.

Sunday, November 5

Shaver's Creek, 7:30-9:30 p.m., Hazardous Household Waste. Call 863-2000.
Carnegie Hall Film Series, 7 p.m., *Medea of the Atreides. Surprised Raging. Virtual Future. Remake. Report*, 9 p.m., High and Low (1962), 4 Carnegie, Free.

Public Radio

WPSU-FM 91.1 "All Things Considered," Monday-Friday, 5:30-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m. "Odyssey Through Literature," 12:30 p.m., Wednesdays, with S. Leonard Robinson, "Creative License," 12:30 p.m., Thursdays, with Asia Berlin and Pam Sautier.

Conferences

Continuing Education Keller Building

Oct. 30-Nov. 1, Industrial Hydraulics. Donna Ricketts, coordinator.
Oct. 30-Nov. 3, Limberg Delegation: U.S. Health Services. Marshall Albert, professor of health planning and administration, chair.
Oct. 31 and Nov. 2, Pennsylvania Bar Institutes. Jenn Milson, in charge.

Nov. 2, Freshman Seminar. M. Lee Upcraft, assistant vice president of counseling services, chair.

Nov. 2-3, Personnel Law for Public Employees. Jack H. Williams, assistant professor of administration of justice, chair.

Nov. 2-3, Appalachian Contact Users of Radioactive isotopes. John Vincent, program specialist, chair.

Seminars

Thursday, October 26

Physics Colloquium, 3:40 p.m., SS Osmond Lab. Ugo Fano, Univ. of Chicago, on "The Process of Fragmentation."

Friday, October 27

Aerospace Engineering, 3-4 p.m., 208 Hammond. Robert J. MacKinnon, Idaho National Engineering Lab, on "A Higher-Order Finite Difference Method For Convection Dominated Flows."

Ag Econ, 3:30 p.m., 212 Eisenhower Chapel. Daniel Pick, USDA, on "The Competitive Structure of U.S. Agricultural Exports."

Agronomy, 3:35-4:25 p.m., 111 Tyson. Dorothy Blair on "Global Food Strategies."

Monday, October 30

Entomology, 3:45 p.m., 204 Patterson. Doug Caver, Vanderbilt Univ., on "Developmental/Evolutionary Biology."

Physics/Eff, 4 p.m., 339 Davey Lab. Tom Dombek, Superconducting Super Collider SSC, on "SSC Physics."

Tuesday, October 31

Gerontology Colloquia, noon-1 p.m., 101 Health and Human Dev. Ed. Susan M. Puhl on "Analysis of Body Composition in Older Adults."

Physics Camp, 4 p.m., 339 Davey Lab. J. Annett on "High Temperature Superconductivity. What is the Pairing State?"

Biology, 4 p.m., 8 Mueller Lab. Eldridge Bermingham, Cornell Univ.

Center for Particle Science and Engineering, 4

For information about Penn State arts and calendar events and the weather, call 863-1234 and follow the directions given in the recorded message.

p.m. 112 Kern. Chikara Hayashi. UVAAC Corp. Japan on "Ultimate Parties."

Wednesday, November 1

Econometrics Workshop. Time Series Analysis, 3:45 p.m. 420 Kern. Ken McLaughlin.

Rochester Economics on "Rigid Wages?" Accounting and XPS Research Colloquium, 3:40-3:55 p.m. 333 Beam. Rick Andle. Yale Univ.

on "Contracting frictions: Regulation and the Structure of CPA Firms."

Thursday, November 2

Physics Colloquium, 3:40 p.m. SS Osmond Lab. Alan Goldman, Univ. of Minnesota, on "Artificial Structures as Models of Real Materials."

Ecology, 4 p.m. 111 Worik Lab. Richard Rasch. Frothingburg State Univ. on "Conservation and Morphological Evolution in Atlantic Slope Populations of *Eubania hiemalis*."

Friday, November 3

Agronomy, 3:35-4:25 p.m. 111 Tyson. Prakash B. Malla on "Polluted Crops."

Exhibits

Chambers Gallery

Art Student League Juried Exhibition, through Dec. 1.

HUB Galleries

Art Alley Cases. Items from the Pattee Agricultural Museum, through Nov. 3.

Personal artifacts from the Vietnam War, through Nov. 3.

Art Alley Panels

Kathleen Fox. Ragusa. Eclectic, through Nov. 3.

Browsing Gallery

MicroScapes: The Hidden Art of High Technology, through Nov. 8.

Formal Gallery

Vietnam Veterans Memorial: A National Experience, through Oct. 24.

Kern Galleries

College of Health and Human Development Research Exhibition, through Nov. 30.

Kevin Slick, watercolors, through Oct. 28. Artifacts from the Pattee Agricultural Museum, through Oct. 28.

Penn State Creamery (the early days), through Oct. 28.

Artifacts from the Armies Calorimeter Exhibit, through Oct. 28.

The French Revolution Machine, through Feb. 28.

Palmer Museum of Art

Turn-of-the-Century European Posters from the Museum's Collection, through Nov. 5.

Ceramics from Penn State Collections, through Nov. 19.

Pattee Library

East Corridor Gallery. Joanne Rath. Simplification of Form, through Nov. 17.

Lending Services

Bill Hosterman. wildlife paintings, through Nov. 27.

Rare Books Room

The World and the Italian Architect, through Oct. 27.

Zoller Gallery

Clay in the East, through Nov. 11. James Drake, *The Borderline Frontier*, Nov. 5-Jan. 21.

University included in best business schools guide

Penn State and three other Pennsylvania institutions have been selected for inclusion in *Business Week's Guide to the Best Business Schools*, which names the top 40 MBA (Master of Business Administration) programs in the country.

"We're delighted with this recognition, for creating a nationally eminent business school is working," J.D. Hammond, dean of the College of Business Administration, said.

Two Pennsylvania schools ranked among the publication's list of top 20 institutions were the University of Pennsylvania's Wharton School (fourth) and Carnegie Mellon University's Graduate School of Industrial Administration (13th).

Penn State was included in a tier of business schools which *Business Week* called the "hidden 20" — a group of "other

excellent institutions that grant the MBA." Among the hidden 20 schools were the University of Illinois at Urbana-Champaign, the University of Washington, the University of Texas at Austin, the University of Wisconsin-Madison and the University of Southern California. One other Pennsylvania institution, the University of Pittsburgh, also was picked for the hidden 20.

"Within the 'hidden 20,' Penn State performed well in two important competitive categories," Dr. Hammond said. "In the percentage of graduates who had accepted job offers by graduation, we tied for second place with 87 percent — a figure that actually rivaled or exceeded that of half of the Top 20."

"In starting pay," he added, "the average starting salary of \$36,000 ranked us sixth among the 'hidden 20.'"

Penn State's MBA program, which enrolls 320 students in its first-year and second-year classes, was cited by *Business Week* for being both intimate and intense.

"All BSchools claim to take a personal interest in their MBA students, but at Penn State it's not a hollow promise," said the publication. "The small size of the program — no more than 160 in each graduating class — allows administration and faculty members to get to know students well."

"Penn State's MBA program requires total immersion. MBA students are accepted only in the fall and must spend two academic years in the program. The school does not accept part-time students and there are no commuters," according to the *Business Week* book, which goes on to note that the high job placement rate at Penn State helps students for their hard work.

A special feature of the Penn State MBA program singled out in the *Business Week* report was its pioneering communications course.

"What sets the program apart is its emphasis on communications," *Business Week* said. "Penn State became one of the first schools to make communications a required component of the MBA program...so effective is the program that GTE Corporation has been known to ask the Penn State MBAs if it hires to teach presentation skills to other employees."

Obituary

Jan H. Kresge, nurse, health services coordinator at Penn State Harrisburg since Jan. 1, 1971, died Oct. 12. She was 61.

Three graduates scheduled to visit as Alumni Fellows

Robert E. Eberly, chairman of the board, Gallatin National Bank, Uniontown, Pa., and Frank W. Luerssen, chairman of the board and chief executive officer, Inland Steel Industries Inc., Chicago, will be honored as Alumni Fellows and visit the College of Science Nov. 1-4, and Maurice (Mike) Grossman, chairman and chief executive officer, Grossman's Inc., Braintree, Mass., will be honored as an Alumni Fellow and visit the College of the Liberal Arts Nov. 1-5.

In addition to his post at the Gallatin National Bank, Mr. Eberly is chairman of the board of Eberly & Meade Inc., Oklahoma City, Okla., and Chalk, Hill Gas Co. and GreyStone Resources Inc., both in Uniontown, and a member of the board of Integra Financial Corp., Pittsburgh.

He also is treasurer and member of the Executive Committee of The Campaign for Penn State, president of The Eberly Foundation and general manager of The Eberly Family Charitable Trust, which established a professional chair in every department of the College of Science in 1987 with a \$10 million gift. The gift also provided a \$1 million endowment for the University's biotechnology programs and a \$1 million science endowment for the Penn State Fayette Campus.

A 1939 chemistry graduate, Mr. Eberly was honored with the University's Distinguished Alumni Award in 1972. He received the Greater Uniontown Chamber of Commerce Man of the Year Award in 1988, the Rockwell Recognition Award in



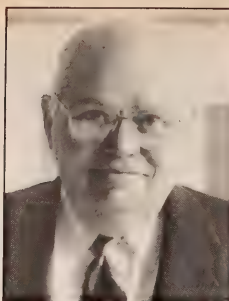
Robert E. Eberly

1970 and the Jerusalem City of Peace Award in 1985.

Mr. Luerssen became a director of the Continental Illinois Corp. and its subsidiary, Continental Illinois National Bank and Trust Co. of Chicago, in 1980. In 1988, he was elected a director of Morton Thiokol Inc.

He earned a bachelor's degree in physics at the University in 1950, a master's degree in metallurgical engineering at Lehigh University in 1951 and joined Inland Steel in 1952, where his research activities led to five patents and numerous published papers and lectures on steel-related subjects.

A member of the American Institute of Mining, Metallurgical and Petroleum



Frank W. Luerssen

Engineers, Mr. Luerssen has served on a number of AIME committees and in 1984 delivered AIME's Howe Memorial Lecture. In 1985, he received the AIME Benjamin Fairless Award. He was elected to the National Academy of Engineering in 1977, was named a Distinguished Alumnus of Penn State in 1984, was elected a Fellow of the American Society for Metal in 1985 and a distinguished Life Member in 1985 and was designated a Distinguished Member of the Iron and Steel Society of AIME.

Recipient of the 1987 Home Center Hall of Fame, Mr. Grossman received his bachelor's degree from the University in



Maurice Grossman

1943, spent three years in the U.S. Army Air Corps and returned for a master's degree in business administration from Boston University. In 1955-56, he served two terms as the youngest president ever elected by the National Supply Association.

From 1971-84, he was president of the Evans Products Co. Retail Group, which operated the Grossman's and Moore's home center chains. In 1986, he was appointed chairman and chief executive officer of Grossman's Inc.

A trustee of Combined Jewish Philanthropies of Boston, Mr. Grossman has been involved in many other civic and charitable activities.

News in Brief

Lecture on Taiwan

Ambassador Natale H. Bellocchi will present a public lecture on "U.S. Policy Toward Taiwan" at 7:30 p.m. tonight in Room 222 Boucke (International Lounge) at University Park. He also will talk about careers in the U.S. Foreign Service. His lecture is sponsored by the Center for East Asian Studies and the East Asian Study Society.

Ambassador Bellocchi, international affairs adviser at the Industrial College of the Armed Forces, National Defense University, entered the Foreign Service in 1955. He has served in a variety of posts in Hong Kong, Vientiane (Laos), Tokyo, Saigon, Taipei and New Delhi. From 1985-88, he was ambassador to the Republic of Botswana.

TV show

Lamarine F. Hood, dean, College of Agriculture, will be the guest on Rep. John Murtha's weekly report from Washington, D.C., which airs at 1 p.m. Saturday, Oct. 28, on WJAC-TV, Channel 6, Johnstown.

Dr. Hood will discuss initiatives in Pennsylvania agriculture and provide an overview of Japanese research at the University.

Japan-U.S. grant/lecture series

The Japan-United States Friendship Commission has awarded the Center for East Asian Studies a grant to support a two-year series of lectures by visiting experts on Japan.

The \$10,243 grant is the first to the University from the independent Washington, D.C.-based federal agency established by Congress in 1975 to promote Japanese studies and U.S.-Japan cooperation.

Matsumichi Hanabusa, consul general of Japan in New York, is the first speaker in the lecture series. He will discuss "Japan's New Role in the International Community" at 7:30 p.m. Friday, Nov. 3, in 101 Kern at University Park.

The Center for East Asian Studies was

established in the College of the Liberal Arts in January 1989 with Patrick H. Chang, professor of political science, as director.

Basic movement skills

The College of Health and Human Development will offer a free program in basic movement skills and games for children ages 5 through 8, each Tuesday until Nov. 21.

The program will be held in Room 126 White Building at University Park from 4 to 5 p.m.

Graduate Lecture Series

Eric Barron, professor of geosciences and director of the Earth System Science Center, will discuss water and global change in the context of climate at 4 p.m. Wednesday, Nov. 8, in Room 112 Kern Building at University Park.

His lecture, which is the third in the Fall 1989 Graduate Lecture Series, will bear on the greenhouse effect and how climatologists model ancient ages to help predict future ones.

Nominations deadline

Nominations for the Penn State Teaching Fellow Award are due in 105 Old Main by Nov. 15. Nominating forms for the Teaching Fellow Award are available from the Alumni Association, 105 Old Main.

The Teaching Fellow Award, established jointly by the Alumni Association, Undergraduate Student Government and the Graduate Student Association, honors distinguished teaching while providing encouragement and incentive for teaching excellence at Penn State. One or more awards will be given.

National supercomputer center

The Consortium for Scientific Computing has been informed by the National Science Foundation that NSF will not renew its funding for the John von Neumann National Supercomputer Center beyond September 1990 at the end of the current five-year grant period.

The NSF indicated that the reason for non-renewal was the collapse of ETA Systems, the Center's supercomputer vendor, in April 1989.

Penn State is a member of the Consortium for Scientific Computing. Other members are the University of Arizona, Brown University, University of Colorado, Columbia University, Harvard University, Institute for Advanced Study, Massachusetts Institute of Technology, New York University, University of Pennsylvania, Princeton University, University of Rochester, and Rutgers University-The State University of New Jersey.

Product warning

Environmental Health and Safety in University Safety has received a product warning from Corning Pyrex concerning high pressure, red line and green line tubular glass glasses, sold between April 1, 1987, and April 1, 1989. These glass glasses may contain stresses and/or cracks which could result in breakage.

Inventories of these glass glasses may be returned to your distributor or supplier for free replacements until Dec. 31. Any further questions should be forwarded to the Eugene Ernst Products Co., South Main Street, P.O. Box 427, Farmingdale, N.J. 07727-0427. Telephone (201) 938-5641.

Carroll C. Arnold Lecture

George A. Kennedy, Paddison professor of classics at the University of North Carolina, will present the annual Carroll C. Arnold Lecture at 4:30 p.m. Tuesday, Nov. 7, in Room 111 Chambers Building at University Park. His talk, "New Perspectives on Aristotle's Rhetoric," is open to the public.

The lecture is sponsored by the Speech Communication Department, the Institute for the Arts and Humanistic Studies, the departments of Philosophy, History and Classics, the associate dean for undergraduate studies in the College of the Liberal Arts and the associate dean for Research and Graduate School.

Internationally recognized as an authority on ancient rhetoric, Dr. Kennedy has been a Guggenheim Fellow, Fulbright Fellow and an American Academy of Liberal Arts and Sciences Fellow.

Request for proposals

The Equal Opportunity Planning Committee is requesting proposals for academic year 1990-91.

EOPC, which recommends and oversees allocation of special institutional funding for new and continuing equal opportunity programs and activities, encourages all members of the University community to submit proposals.

Funding categories include: undergraduate recruitment and retention, graduate recruitment and retention, medical education, summer programs, faculty and staff development, President's Opportunity Fund, Women's Recruitment Fund, cooperative programs with other institutions, women's equity and cultural diversity programs.

The deadline for submission of proposals is Nov. 6 for summer programs and Dec. 4 for all other proposals. To obtain a copy of the request for proposal guidelines, contact M. Lynn Ryan, 405 Old Main, 863-0405.

Public lecture

The Department of Spanish, Italian and Portuguese will present a public lecture by Ribor Wlassics, William R. Kenan professor of Italian at the University of Virginia, at 8 p.m. Thursday, Nov. 7. He will discuss "Dante the Mythmaker: Twice-told Tales in the Comedy."

Dr. Wlassics, a specialist in Dante and Galileo, has been the recipient of a Guggenheim Fellowship, a grant from the National Endowment for the Humanities, and two literary awards for his research.

Partings

Mary C. Coleman, professor of experimental foods in the College of Health and Human Development, has retired with emerita rank after 20 years service.

Dr. Coleman joined the Nutrition Department faculty as associate professor of experimental foods in 1968 and was promoted to professor in 1974.

She says the most enjoyable part of her job has been the "wonderful people, both students and faculty. I've met and grown to appreciate and value."

In addition to teaching, she has acted as advisor to medical dietetics students applying for internships, traineeships and graduate school appointments. Overall, she considered it "a privilege to work with students" and enjoys seeing them take what they have learned and apply it in new ways—particularly as there are frequently new recommendations for change in the U.S. diet.

A member of the American Dietetic Association since 1953, she has served as chairman of its Dietetic Internship Board and has been active in the Institute of Food Technologists since 1960.

A native of Buffalo, N.Y., she holds a B.S. in nutrition from Michigan State University, an M.S. in nutrition from the University of Iowa's College of Medicine, and a Ph.D. in food science and higher education from Michigan State University.

In retirement, she plans to travel and do some golfing. She has been asked by a

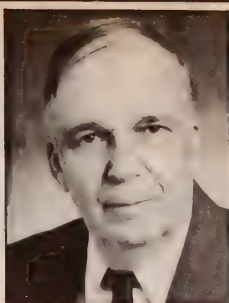


Mary C. Coleman

publisher to propose a book that will encompass much of the research she has done on the cultural aspects of foods, and she is planning books or monographs on Native American and Amish food traditions.

Cyril B. Smith, professor of plant nutrition, has retired with emeritus status after 42 years.

Dr. Smith is internationally known for his research on the nutrition of vegetables



Cyril B. Smith

and fruits, including tomatoes, snap beans, sweet corn, apples and grapes. He has been in charge of the University's Plant Analysis Laboratory since 1947. Through continuing improvements in spectrometric and computer equipment he has seen it grow from a small research laboratory into a high-volume facility analyzing samples from many sources.

A native of Winnipeg, Canada, Dr. Smith earned his bachelor's and master's degrees in horticulture from the University

of Manitoba. He came to Penn State as a graduate assistant in 1946 and became an instructor in 1947. In 1950, after receiving his Ph.D. in plant nutrition, he became an assistant professor and was promoted to associate professor in 1956 and to professor in 1965.

Dr. Smith is a member of the American Society for Horticultural Science, the American Society of Plant Physiologists, the American Chemical Society, the Society for Applied Spectroscopy and the Council on Soil Testing and Plant Analysis. He was honored earlier this year by being named "Man of the Year" by the Pennsylvania Plant Food Educational Society. Penn State flower gardens also were dedicated to him.

Dr. Smith, who currently is completing summer research on tomatoes, plans to devote more time to his hobbies, including woodworking and photography, as well as various horticultural activities. He and his wife, Marion, will continue to live in Boalsburg.

Gordon Rawlin, special assistant to executive director, Computer and Information Systems, from Oct. 1, 1980, until Aug. 1.

Larry Gingrich, director of continuing education at Behrend, from Oct. 14, 1974 until Sept. 1.

Betty J. Tyson, group leader, snack bar worker, Housing and Food Services, from Jan. 5, 1970, until Sept. 30.

Penn Staters

Joseph G. Biscontin, director of university relations and development for the Philadelphia area, has been elected president of the College and University Public Relations Association of Pennsylvania (CUPRAP).

Glenn Fiebigach, professor of sociology and senior scientist at the Population Issues Research Center, has received a grant of \$79,413 from the National Science Foundation to support the research project "Cohort Replacement and Social Change: A Systematic Analysis of Recent Trends in the U.S."

James Garthe instructor in agricultural engineering, received the regional Young Engineer of the Year Award, from the American Society of Agricultural Engineers for his design work with the military, industry and Penn State Cooperative Extension. He also was cited for his promotion of educational activities through the extension service.

Robert Graves, professor of agricultural

engineering; **Harvey B. Manbeck**, professor of agricultural engineering, and engineering graduate student Patrick O. Richie received a blue ribbon award for their extension circular on "Constructing Cage Layer Houses for Cleaning Ease," and Dr. Graves received a blue ribbon award as co-author of "Planning Dairy Stall Barns," from the American Society of Agricultural Engineers.

John J. Henry, director, Pennsylvania Transportation Institute, chaired a technical session on motor transplant and traffic engineering and served as a member of the academic committee for the Transpo '89 conference in Beijing, China, and **James C. Wambold**, director, PIT's Vehicle Interaction and Safety Program, presented a paper co-authored with Dr. Henry. They also delivered lectures and workshops at Changsha and Nanning as guests of the Chinese Ministry of Communications; at King Monkul's Institute of Technology in Bangkok, Thailand, and at Muroran

Institute of Technology in Hokkaido, Japan.

Dennis P. Hogan, professor of sociology and director of the Population Issues Research Center in the Institute for Policy Research and Evaluation, has received a grant of \$75,234 from the National Science Foundation to support the research project "Analysis of Community Variations in Women's Status and Fertility."

Iam-Choon Khoo, professor of electrical engineering, presented an invited plenary talk at the 1989 Italian Congress on Liquid Crystals in Cetarato, Italy. He also gave a series of invited seminar lectures on Nonlinear Optics at the University of Calabria in Cosenza, Italy.

Kenneth K. Kuo, distinguished alumni professor of mechanical engineering, organized and chaired the first International Symposium on Special Topics in Chemical Propulsion: Base Bleed, in Athens, Greece.

Robert Lima, professor of Spanish and comparative literature and Fellow of the Institute for the Arts and Humanities Studies, presented a paper on "Elements of Greek Tragedy in the Early Plays of Jose Triana" at the seventh Mediterranean Studies Conference in Athens, Greece.

Thomas F. Magner, professor emeritus of Slavic languages, has been designated Educator of the Year by The Pennsylvania State Modern Language Association.

Martin W. Trethewey, associate professor of mechanical engineering, and **Mark Patton**, visiting assistant professor of mechanical engineering, were recognized by the Society for Experimental Mechanics. Their paper on *A Survey and Assessment of Nonlinear Modal-Testing Techniques for Ultralightweight Structures* was named the outstanding paper in *The International Journal of Analytical and Experimental Modal Analysis* during 1987.

Faculty/Staff Alerts

Courses for Employees

The Human Resource Development Center has openings in the following courses being offered in November. Call the Center at 865-3410 for registration information.

Working in a Man's World To help women function more effectively with male supervisors and colleagues, meets Wednesday, Nov. 1, from 9 a.m. to 4 p.m.; cost: \$55.

Basic English Grammar and Mechanics A refresher course that focuses extensively on such basic principles of grammar and mechanics as correct punctuation, spelling, and agreement; meets for six Thursdays beginning Nov. 2 through Dec. 14 (no class on Thanksgiving Day, Nov. 23) from 1:30 to 4 p.m. in Room 69, Willard Bldg.; cost: \$75.

Penn State Policies and Procedures A discussion of University policies and

procedures. How they are developed and modified; who is responsible; meets Thursday, Nov. 2, from 1:15 to 4:30 p.m.; cost: none.

Managing Cultural Diversities Practice decision-making related to cultural diversity, and challenge and develop your managerial skills; meets Wednesday, Nov. 8, from 9 a.m. to 4 p.m.; cost: none.

Employment Interviews How to conduct an employment interview. Meets Wednesday, Nov. 15, from 9 to 11 a.m.; cost: none.

Burnout Will explore possible alternatives and solutions; meets Wednesday, Nov. 15, from 1:15 to 4:30 p.m.; cost: \$35.

Defensive Driving The National Safety Council's Defensive Driving Course is designed to help you save your time, money, and life; meets Thursday, Nov. 16,

from 9 a.m. to noon; cost: \$35.

Intergroup Relations II Includes practical skills to improve interactions with culturally diverse individuals, including staff new to your work area. Prerequisite: Intergroup Relations I; meets Wednesday, Nov. 22, from 9 a.m. to 4 p.m.; cost: none.

Telephone Techniques This personal telephone voice and etiquette program has been prepared to help you turn your office telephone into one of your most effective business tools; meets Tuesday, Nov. 28, from 8:30 to 11:45 a.m.; cost: none.

Supervision in the Office Learn skills essential to being an effective supervisor; meets Wednesday, Nov. 29, from 9 a.m. to 4 p.m.; cost: \$55.

Healthpass growth

As of Sept. 30, 8,048 faculty and staff members were enrolled in Healthpass, the

University's preferred provider for healthcare coverage. This represents an increase of 1,112 since last year.

Healthpass was introduced Nov. 1, 1986, and made available to faculty and staff at University Park, Penn State Harrisburg, The Milton S. Eisenhower Medical Center and, on Nov. 1, 1988, to the Altoona Campus. Efforts continue to expand the network to other locations.

Individuals who are not members of Healthpass, but would like to become members, are reminded that they may make the change as of Jan. 1, 1990. Also, full-time employees who are members of Healthpass and wish to change to the conventional coverage, Plan A, may do so on the same date. Anyone desiring to make a change must notify the Employee Benefits Division in writing prior to Dec. 31.

Bookshelf

Gideon S. Golany, research professor of urban design planning, is the author of *Urban Underground Space Design in China: Vernacular and Modern Practice*, published by the University of Delaware Press.

The first of its kind in the English language, *Urban Underground Space Design in China* traces the historical background of subterranean spaces used for food storage and burial tombs to the developments of today, including underground shopping centers, factories, classrooms and hospitals. Dr. Golany is an internationally known authority on the design of earth-sheltered habitats, urban planning in arid zones and new-town planning and development. He received his B.A., M.A., and Ph.D. from the Hebrew University in Jerusalem. He also received a master of science degree from the Technion-Israel Institute of Technology and a Dipl. C.P. from the Institute of Social Studies, The Hague.

A recipient of Penn State's Faculty Scholar Medal for Outstanding Achievement in the Social and Behavioral Sciences and the Faculty Research/Creative Development Award, Dr. Golany has been named an honorary professor by four Chinese academic institutions, including the China Academy of Sciences.

Penn State People



Bryan Packer

Bryan Packer uses a leaf blower to clear the lawn around Old Main. Bryan, of Centre Hall, has been a University employee for more than two years. A member of the Pollock Landscape Shop crew, he is responsible for grass cutting and landscape work around Old Main. Photo: Scott Johnson.

Obituary

Agnes E. Markle, food preparer, Housing and Food Services, from March 1, 1955, until her retirement April 1, 1979, died Oct. 11 at the age of 78.

Staff Vacancies

The following vacancies for positions classified as staff except for staff advancement have been listed with the University's Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304). Applications for these staff vacancies will be accepted until Nov. 2, 1989. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with fair employment practices (EEO) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

• **Technology Education Specialist, College of Engineering, Department of Nuclear Engineering, University Park Campus** - Responsible to the coordinator of special projects for developing, coordinating and presenting energy and energy related program throughout Pennsylvania for high schools, civic and service organizations, professional groups, and other members of the public. Requires bachelor's degree or equivalent in science or a related field with one to two years of effective experience. Some advanced knowledge in an energy related field and knowledge of educational methods desirable. EXTENSIVE TRAVEL REQUIRED. THIS IS A FIXED-TERM POSITION FUNDED FOR ONE

YEAR WITH THE PROBABILITY OF RENEWAL. STAFF GRADE 6.

• **Information Technology Associate, College of Science, University Park Campus** - Responsible to the head, Department of Mathematics for administering departmental computing facilities including a research network of Sun 3 and Sun 4 workstations, an Ardent Titan graphics supercomputer and the Math Undergraduate Computing Laboratory. Evaluate, install and maintain software and hardware, including modification of software. Requires bachelor's degree or equivalent in computer science, electrical engineering or closely related discipline, plus two years of effective experience. UNIX operating and networking experience required. STAFF GRADE 7.

• **Science Writer/Production Assistant, College of Science, Dean's Office - External Relations, University Park Campus** - Responsible to the assistant to the dean for communication for science writing and publication production duties as assigned. Requires bachelor's degree in English communication journalism a science or mathematics plus one to two years effective experience as a science journalist or public relations practitioner for a science-based employer. Experience in publication production and with computer word processing also required. Experience with page layout software is desirable. STAFF GRADE 5.

• **Marketing Specialist, Arts and Architecture, Theatre Arts, Fayette Campus** - Responsible to the

managing artistic director, Great Meadows Summer Theatre for the marketing of summer theatre productions, including media relations assistance in the development and implementation of annual marketing endeavors, implementation of related educational programs, and representing the Great Meadows Summer Theatre at local/regional civic meetings and gatherings. Requires bachelor's degree or equivalent in theatre management arts administration communications marketing or related fields plus one to two years effective experience. STAFF GRADE 5.

• **Editorial Aide, College of Medicine, The Department of Radiology, The Milton S. HERSHEY Medical Center** - Responsible to the department chairperson and the administrative assistant for assisting with the preparation, organization, editing and research of pertinent information included in technical manuscripts, bulletins, manuals and journals. Also assist with secretarial duties during periods of peak workload. Requires bachelor of science degree or equivalent, plus three to six months of effective experience. STAFF GRADE 4.

• **Grants and Contracts Officer, College of Medicine, The Department of Grants and Contracts, The Milton S. HERSHEY Medical Center** - Responsible to the director of grants and contracts for meeting the requirements of the various federal agencies with respect to the negotiation of contracts subcontracts and grants and to assist with proposals analyses, reviews and recommendations as to the acceptance of contracts and grants. Requires bachelor's degree in business administration or a

scientific field plus four to five years of effective experience in technical writing and/or dealing with contracts and proposals. STAFF GRADE 8.

• **Assistant Coordinator, Radiology Technology, University Hospital, The Department of Radiology, The Milton S. HERSHEY Medical Center** - Responsible to the coordinator, Radiology Technology Program, for assistance and coordination in the establishment and maintenance of a school of radiologic technology in accordance with applicable Joint Review Committee on Education in Radiologic Technology (JRCERT) and Medical Center standards. Requires graduate from approved radiologic program with registration and an associate degree or equivalency of two years of college plus a minimum of three to four years of effective experience, one to two years of which must have been in radiologic teaching. STAFF GRADE 6.

• **Training Specialist, Commonwealth Educational System, Continuing Education, York Campus** - Responsible to the program representative for coordinating and facilitating a variety of activities related to the implementation of the Skills Management System at the Caterpillar York facility. Conduct information, feedback and evaluation surveys. Facilitate the implementation of a standardized system to track and record all employee development and training needs, activities, and delivery sources. Requires bachelor's degree or equivalent plus one to two years of effective experience, preferably in an industrial training setting. STAFF GRADE 5.

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William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

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PARK AND RIDE

A new "Park and Ride" program and bus service will begin at University Park on Oct. 30. See the story on page 3.

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PENN STATE RECM
PATTEE LIE



15 are named to presidential search and screen group

J. Lloyd Huck, president of the Board of Trustees, has announced the names of 15 people who will serve on the University Presidential Search and Screen Committee.

The committee will play a major role in the search for a successor to President Jordan, who will retire Aug. 31, 1990. The committee membership includes faculty and staff members, students and alumni of Penn State.

Thomas L. Merritt, immediate past chairman of the University Faculty Senate and professor of animal science, has been appointed chairman of the committee. Mr. Huck said. **Anne C. Petersen**, dean of the College of Health and Human Development, has been named vice chairman.

Other committee members are:

-- **George E. Andrews**, Evan Pugh professor of mathematics;

-- **Robert D. Arbuckle**, campus executive officer, Penn State New Kensington;

-- **Janet Atwood**, chairman of the University Faculty Senate and acting department head and associate professor of exercise and sport science;

-- **Cynthia Baldwin**, president of the Penn State Alumni Association;

-- **Dwight Davis**, associate professor of medicine;

-- **Peter Deines**, chairman-elect of the University Faculty Senate and professor of geochemistry;

-- **Archie J. McDonnell**, director of the

Environmental Resources Research Institute and professor of civil engineering.

-- **James C. Moeser**, chairman of the Council of Academic Deans and dean of the College of Arts and Architecture;

-- **David S. Palermo**, associate dean for research and graduate studies of the College of the Liberal Arts and professor of psychology;

-- **Robert A. Secor**, secretary of the University Faculty Senate and professor of English and American studies;

-- **Laura Karkowski-Shuman**, graduate student enrolled in the master's and doctoral program in genetics;

-- **Perry J. Sternberg**, undergraduate student majoring in animal and biological science; and

-- **James M. Wagner**, associate vice president for business and operations.

Mr. Huck is chairman of the 11-member Trustee Presidential Selection Committee that earlier this fall authorized establishment of the Search and Screen Committee.

The Search and Screen Committee, he said, will advertise the search for a new president and receive and screen applications and nominations. Ultimately, it will submit to the Selection Committee a list of top candidates. The Selection Committee will select a final candidate and submit that name to the full Board of Trustees for confirmation.

Presidential search is on schedule

The search for a successor to President Jordan is proceeding on schedule, Board of Trustees President J. Lloyd Huck said last week.

Mr. Huck commented following his meeting with the University Presidential Search and Screen Committee. The meeting was scheduled to review the procedures for the search and the responsibilities of the Search and Screen Committee as well as the Trustee Presidential Selection Committee, which Mr. Huck chairs.

"Both committees are committed to keeping the timetable established for the search," he said.

The timetable was designed by the Selection Committee. Mr. Huck noted

that the Selection Committee also has set up procedures for the search, appointed members to the Search and Screen Committee, and outlined

the qualifications that candidates for the presidency should have. The Selection Committee's next job, he said, will be to draw up guidelines for the interview process.

The Selection Committee's 11 members are all Penn State Trustees.

The Search and Screen Committee has 15 members. They include University faculty and staff members, students and alumni. Its chairman is Thomas L. Merritt, immediate past chairman of the University Faculty Senate and professor of animal science.

Mr. Huck said the Search and Screen Committee will prepare an advertisement for the position to appear in national publications.

The Search and Screen Committee Mr. Huck noted, is responsible for advertising the post, and for seeking out, screening, reviewing and evaluating all applications. He said that the committee would operate in concert with the University's affirmative action policies and procedures as a means to increase the number of women and minorities in the applicant pool. In March, that committee will submit to the Selection Committee the names of up to 10 candidates deemed to be most qualified.

The Selection Committee plans to present a final recommendation to the full Board of Trustees in July.

"I have asked the Search and Screen Committee to conduct a national search," Mr. Huck said. In his charge he told the Search and Screen Committee, "We want to look both inside and outside of the University community to be certain that we identify the best possible leadership for Penn State in selecting its next president."

Both committees are assisted by Carol Hermann, vice president for administration.

Enrollment growth reported in School of Communications

In just four years of academic life, the School of Communications has garnered the second largest journalism-mass communications enrollment in the nation.

According to a recent Ohio State University study, Penn State enrolled 2,257 undergraduate students in fall 1988 including those at University Park and at the Commonwealth Campuses. Only

Michigan State University, with 4,633 students last fall, has a larger journalism-mass communications enrollment.

Rounding out the top five, the survey found Syracuse University with the third largest enrollment; California State University at Fullerton, fourth; and Boston University, fifth.

"We have grown from 25th to second in

the nation in terms of size, have been glowingly reaccredited, and have put in place a whole range of innovations that speak to the cutting edge of curricular development," Brian Winston, dean of the School of Communications, said.

"It's enormously gratifying to see there's such a pressure of students that we actually

(Continued on page 3)



Photo: Scott Johnson

The Stone Valley Recreation Area, owned and operated by the University since 1960, is the home of Shaver's Creek Raptor Center, which cares for injured birds of prey, such as this golden eagle. See page 6.

Faculty Senate News

The University Faculty Senate will meet at 1:30 p.m. Tuesday, Nov. 7, in Room 112 Kern Graduate Building at University Park.

Items discussed at the Oct. 10 Senate meeting

- Forensic Session on Cultural Diversity and the Curriculum
- Summary of Student Petitions by College, Unit, Location
- The Use of Faculty Expertise in Physical Planning
- Plans for Strategic Planning
- Summary of Petitions for Waiver of the 10 Credit Limit for Nondegree Conditional Students (Student Policy 14-00)
- International Report on Awards and Scholarships
- Annual Report of President's Planning and Budget Advisory

Committee

- Grading at Hershey Medical Center
- Annual Report of Committee on Faculty Rights and Responsibilities
- Annual Report from the Joint Committee on Insurance and Benefits
- Facilities Planning Advisory Board
- Faculty Salary Comparisons -- Penn State vs. Similar Institutions

At the next meeting

- Review of the Towers Building Rental Agreement
- President's Planning and Budget Advisory Committee
- Status of Plans to Develop a Research Park
- Summary of Petitions for Academic Renewal
- Effective Dates of Senate Legislation
- Annual Report on Extended Degrees

Focus on Diversity

Focuses on minority students

Engineering committee meets

Attracting more minority students to the College of Engineering was the focus of the second meeting of the Committee on Minority Engineering Activities, according to Dan Davis, director of the Minority Engineering Program (MEP).

Fifteen leaders from industry, government and engineering education met Wednesday, Oct. 25, in the College of Engineering.

Edward B. Bryant, vice president and general manager at Libbey Owens Ford Co., Toledo, Ohio, is the newest member of the committee. The membership also includes Donald Watson, deputy director of the California Department of Transportation; Penn State alumnus Guion Bluford, NASA astronaut; and Linda Wells, college coordinator for the National Consortium for Graduate Degrees for Minorities in Engineering.

The committee addressed several issues related to minority recruitment and retention. They included creating a climate

for diversity within the college, developing faculty and student awareness and increasing interaction between minority students and faculty.

The committee is part of an overall engineering effort "to develop a coalition with alumni and friends of the College for an active commitment to increased diversity within our engineering program," Dr. Davis said.

Engineering wants to create an environment that ensures that the bright students we recruit are retained and, if they want to, are encouraged to go on to graduate work," John Brighton, dean of the College of Engineering, added. This committee helps us devise ways of achieving that goal."

Speakers at the meeting were Dr. Davis, Deborah Atwater, senior faculty member in the Center for Minority Graduate Opportunities and Faculty Development, and James B. Stewart, chairman of the Equal Opportunity Planning Commission.



Members of the College of Engineering Committee on Minority Engineering Activities include (back row, from left) George Brewster, Corning Glass Works; Robert J. DeCarli, General Electric Co.; Guion Bluford, NASA astronaut; Donald Fanner, EXXON Bayway Refinery; Leslie Wilkins, Procter and Gamble Co.; Steven Thompson, AT&T; Daniel C. Davis, MEP; Edward Maxsom, Alcoa; Donald Watson, California Department of Transportation; Richard T. Koffenberger, E.E. Du Pont de Nemours & Co.; (front row, from left) John A. Brighton, dean; Michael Shepherd, The Clorox Co.; Linda Wells, GEM; Carl Woigemuth, associate dean; and Calvin Roberts, Michigan Department of Transportation.

Diversity Opportunities Calendar

Thursday, Nov. 9

Department of Human Development and Family Studies, Contemporary Scholarship on Lesbian and Gay Lives Series, 8 p.m., HUB Assembly room. Gilbert Herdt, University of Chicago, on "Adolescent Gay and Lesbian Development: Coming Out As a Rite of Passage."

Saturday, Nov. 11

Office of Minority Faculty Development, 9:30 a.m. to 12:30 p.m., 114 K Kern. Emilia Martinez-Brawley, professor of social work, on "The Publishing Process." Reservations: call Leah Withing, 863-1663.

Sunday, Nov. 12

Project Growth, 7 p.m., HUB Fishbowl. Free showing of Spike Lee film "School Daze" Discussion of movie and movie "Do The Right Thing," with Project Growth members Dave King and Susan Hertzberg.

Monday, Nov. 13

Women's Studies, 1:30 to 3:30 p.m., 12 Sparks. Third Women's Studies Faculty Advisory Committee meeting. All interested faculty, staff and students are welcome.

Tuesday, Nov. 14

Women's Studies CES Lecture Series, 8 p.m., McKeesport Campus. Jo Searles, Penn State Altoona Campus, on "Women Making Waves: Changes in Women and Their Writings."

Wednesday, Nov. 15

Women's Studies CES Lecture Series, 1:30 p.m., New Kensington Campus. Jo Searles, Penn State Altoona Campus, on "Women Making Waves: Changes in Women and Their Writings."

Project Growth, 7 p.m., Paul Robeson Cultural Center. Monica Rodriguez on homophobia.

Thursday, Nov. 16

Center for Women Students, 8 p.m., HUB Ballroom. Angela Davis, feminist, scholar and political activist, on "Violence Against Women."

WPSX-TV program

Tony Brown's Journal, airing at 11:30 a.m.

Sunday, Nov. 5, on WPSX-TV, looks at "Black Americans and Black Immigrants."

Reports indicate that Africans, like other immigrant groups which have moved to this country, are thriving economically. However, they feel misunderstood and even shunned by African-Americans as well as white Americans. Tony Brown talks with African immigrants about the problems they face in America.



Author and lecturer William Loren Katz will speak on "Blacks and Their Involvement in the Old West and with Native Americans" at 7:30 p.m. Thursday, Nov. 9, in Schwab Auditorium.

The Campaign for Penn State

Endowment to create Benzak professorship in finance

Penn State studies in finance got a major boost through an endowment established by a Distinguished Alumnus of the University and his wife.

The Louis R. and Virginia A. Benzak Professorship in Finance was created through a \$250,000 gift from the Benzaks residents of Rye, N.Y. Funds from the endowment will be used to support the teaching, research and public service of the individual named as the Benzak Professor. "We simply cannot compete for top scholars without gifts like that of Lou and Ginny Benzak," J.D. Hammond, dean of the College of Business Administration, said. Support such as this makes the difference between being a leading business

school and not being a leading business school."

"I share in Dean Hammond's goal to place Penn State's business school among the leaders," said Louis Benzak, president of Spears, Benzak, Salomon and Farrell Inc., New York City. "Certainly an endowed professorship is a way to help reach that goal."

Mr. Benzak was named a Penn State Alumni Fellow in 1987 and a Distinguished Alumnus of the University the following year. A 1961 graduate with a bachelor's degree in finance, he is a member of the National Committee of The Campaign for Penn State and chairman of the major gifts program in the New York City area. In

addition, he helps recruit top students for the University through the National Alumni Admissions program.

From 1962 to 1969 Mr. Benzak was second vice president at Chase Manhattan Bank, managing institutional and endowment funds for the bank's trust investment department. In 1969 he became senior vice president of the institutional asset management department with the firm of Loeb, Rhoades and Company.

In 1976, he and associate William Spears founded Spears, Benzak, Salomon and Farrell, a firm with headquarters at Rockefeller Plaza which manages more than \$2 billion in investments for 80 institutions and individuals.

Mr. Benzak is national president of the Muscular Dystrophy Association. He also is a director of the Benedict Foundation for Independent Schools, a trustee of the American Farmland Trust, a trustee of the Rye Country Day School, a trustee of the Rye Historical Society and past treasurer of the Institute for Muscular Diseases.

Virginia Benzak is a graduate of Newton College, Newton, Mass. She is a member of the board of managers of the United Hospital in Port Chester, N.Y., and active in the Youth Counseling League in New York City. She has served as a lending officer with Morgan Guaranty Trust Co.

A Bellefonte attorney, his son and daughter have given \$50,000 to create three scholarships at Penn State.

John R. Miller Jr., John R. Miller III and Jayne E. Miller have endowed the awards in baseball, business administration and journalism. The Miller scholarships are intended to recruit students whose ethnic, cultural and/or national background contribute to the diversity of the student body.

John R. Miller Jr. graduated from Penn

State in 1941 with a bachelor's degree in arts and letters. He earned his law degree in 1948 from Dickinson School of Law and joined the law practice of R. Paul Campbell in Bellefonte.

He ran successfully for Centre County District Attorney in 1953, a post he held until 1958. As senior member of the firm of Miller, Kistler, Campbell, Miller and Williams Inc., he practices trial and municipal law.

John III, a graduate of Indiana University

of Pennsylvania, is a partner in the law firm, and he and his father practice in the firm's Bellefonte office. Jayne Miller, who earned a bachelor's degree in journalism from Penn State in 1970, is a senior investigative reporter for WBAL-TV in Baltimore.

The gift is part of The Campaign for Penn State, a six-year effort to raise \$300 million in private support for academic programs.

Scholarships created with Millers' gift

Cambridge professor will give Taylor lectures

Sir Sam Edwards, Cavendish professor of physics at Cavendish Laboratory, Cambridge University, will present the 1989 Nelson W. Taylor Lectures on Nov. 6 and 7 at University Park.

He will speak on "The Physics of Localization by Disorder" at 4 p.m. Monday, Nov. 6, in 26 Mineral Sciences Building, and on "The Aging of Glass" at 9:30 a.m. Tuesday, Nov. 7, in 112 Walker Building. An informal reception will be held in 301 Steidle Building at 2:30 p.m. Monday, Nov. 6. All events are open to the public.

Granular material flow and the flow and aging of glasses are recent topics of interest in Dr. Edwards' wide ranging scientific career. His early research in electrodynamics and quantum field theory was followed by extensive work in the application of quantum field theory to problems in solid state and chemical physics.

Dr. Edwards served as head of the

Department of Physics at Cambridge University from 1983 to September of this year, when he assumed his present position at the Cavendish Laboratory. He has held a number of important scientific advisory posts in Britain, including chairman of the Science Research Council from 1973-77; U.K. delegate to the NATO Science Committee from 1974-79; and member of the Council for European Research and Development (EEC).

He holds M.S. and Ph.D. degrees from Caius College, Cambridge, and a doctorate from Harvard University. He was named a Fellow of the Royal Society in 1966, and received a knighthood in 1977.

The Taylor distinguished lecture series is sponsored by the Department of Materials Science and Engineering. The series was established in 1968 to honor the memory of Nelson W. Taylor, head of the Department of Ceramics from 1933-43. It continues to be supported by his widow, Miriam Taylor.



Sam Edwards

Bookshelf

James Ross Sweeney, associate professor of history, is co-editor, with Janos M. Bak of the University of British Columbia, of the first volume of the series, *The Laws of the Medieval Kingdom of Hungary* (Dietrich Regei Mohr, Tübingen).

The series was established by the editors, together with the late Gyorgy Bonis, professor of medieval law, University of Szeged, Hungary. It is a projected five-volume bilingual edition in Latin and English of Hungarian laws from 1000 to 1526. The first volume covers the period from 1000 to 1301. The second volume, which will contain the laws from 1301 to 1447, is scheduled for publication in late 1990.

Z.T. Bieniawski, professor of mineral engineering, is the author of *Engineering Rock Mass Classification*, which offers the first and only authoritative and in-depth descriptions

of all the design procedures currently employed in various industries.

The book explains how each system is employed and provides detailed case histories from major projects around the world. Also included is a data base extracted from all known case histories for the Rock Mass Rating system.

Covering early classification systems, geomechanics classification, Q-system, NATM, ISRM and specialized classification approaches, the book is intended as a practical and informative guide for students and practitioners in mining, civil and petroleum engineering and for geologists consulting on major engineering projects.

Carpooler

Gayle needs a ride from Osceola Mills to University Park. Work hours are 7:30 a.m. to 4:30 p.m. She can be reached at 863-3316 or 339-7607 (after 6 p.m.).

Communications

(Continued from page 1)

have to put controls on entry into our majors."

The largest majors are in broadcast-cable, with nearly 400 students this fall, and journalism, with nearly 300 students. Majors also are offered in advertising, film and video, and mass communications.

The school was formed in 1985 from majors in the College of the Liberal Arts, including those of the former School of Journalism. In spring 1989, it was accredited by the Accrediting Council on Education in Journalism and Mass Communication. Temple University has Pennsylvania's only other nationally accredited journalism program.

The school has 48 full-time and five part-time faculty, and 26 staff members. Its headquarters, the 86-year-old Carnegie building, will undergo renovations through most of 1990, including the creation of a 200-seat cinema/theatre hall in the current location of *The Daily Collegian* student newspaper offices.

Obituary

Harry J. Poorbaugh, 78, retired professor of agricultural extension and former associate director of Penn State Cooperative Extension, died Oct. 18.

Mr. Poorbaugh was appointed to the Penn State staff in 1949 as assistant agricultural agent in Jefferson County. In 1950 he was promoted to county agent and served 12 years in Schuylkill County and five years in Erie County. In 1956 he was named assistant director and supervised extension programs in 16 southwestern counties.

He was associate extension director from 1964 until his retirement in 1970.

A native of Myersdale in Somerset County, he earned his bachelor of science degree from Penn State in dairy science and his master of science in extension administration from the University of Wisconsin.

New laser facility

A new laser facility which will be capable of producing extremely short bursts of light a thousand times shorter than the time it takes light to travel the thickness of a human hair has been established in the College of Science.

The new \$400,000 facility, under the direction of A.W. Castleman, Evan Pugh professor of chemistry, will be used to study the very first chemical events that occur in a wide variety of radiation-initiated processes from light-driven pollutant-creating atmospheric reactions to commercially valuable material manufacturing methods to potentially cancer-causing radiation-induced breaks in DNA.

Besides producing very short pulses, the Penn State laser system, which is expected to be completed in the next 12 months, will operate at very high power and also be "tunable" or capable of producing different pulses at a variety of wavelengths.

"The Penn State facility will be the only 'femtosecond' system in the world devoted to a study of medium and large size clusters or aggregates of atoms or molecules," Dr. Castleman added.

An internationally recognized authority on clusters, Dr. Castleman predicted that "the processes to be studied with the femtosecond facility also will impact on understanding the properties and reactivity of fine particles and open up exciting new prospects for conducting research in this area which is being advanced through Penn State's Center for Particle Science and Engineering."

The new facility is being constructed with support, in part, from a U.S. Department of Energy grant in the University Research Instrumentation Program.

Homecoming

A week of festivities will highlight the Penn State 1989 homecoming, with Penn State graduate and former Pittsburgh Steeler Franco Harris as Homecoming grand marshal.

The homecoming parade through University Park Campus and State College will begin at 5:30 p.m. Friday, Nov. 3. Later, a candlelight vigil will be held on the steps of Old Main at 7 p.m. The Young Alumni Reception will be in the HUB Ballroom at 8 p.m. and a vigil at the Nittany Lion Shrine will end at 10 p.m.

The Nittany Lions/West Virginia Mountaineers football game at 1 p.m. Saturday, Nov. 4, will be the highlight of the week. The festivities end with an Alumni Fun Run followed by a brunch at 8 a.m. Sunday, Nov. 5.

News in Brief

NASA astronaut

Astronaut Guion S. Bluford Jr., a 1964 Penn State graduate, visited schools in McKeesport and Reading last week in conjunction with the Penn State Educational Partnership Program.

On Monday, Oct. 23, Col. Bluford spoke to students at the McClure Middle School and Cornell Middle School in McKeesport and urged them to be persistent.

"It's important to set goals, but it's also important to be persistent in attempting to achieve those goals," he said.

On Tuesday, Oct. 24, Col. Bluford visited with students at the Northwest Middle School and the Southwest Middle School in Reading.

Public lecture

The Department of Spanish, Italian and Portuguese will present a public lecture by Tibor Wlassics, William R. Kenan professor of Italian at the University of Virginia, at 8 p.m. Tuesday, Nov. 7. He will discuss "Dante the Mythmaker: Twice-told Tales in the Comedy."

Dr. Wlassics, a specialist in Dante and Galileo, has been the recipient of a Guggenheim Fellowship, a grant from the National Endowment for the Humanities, and two literary awards for his research.

Economic development seminar

The Office of the Associate Vice President for Sponsored Programs, Technology Transfer and Industrial Liaison is sponsoring an Economic

Development Seminar at the University Park Campus on Wednesday, Nov. 8.

The seminar is designed to acquaint participants with the full range of resources available to University service delivery organizations engaged in economic development, and also to receive feedback regarding resources that should be added or expanded on.

If you have not received personal notice of this event, but feel it would benefit you to attend, contact Linda Rose at 863-4558 for further information.

Sigma Xi seminar

Charles R. Hosler Jr., senior vice president for research and dean of the Graduate School, will speak on "Scientific Integrity in a Negotiating Society" at 4 p.m. Thursday, Nov. 9, in Kern Auditorium at University Park.

His presentation will take place during the initiation ceremony of the Penn State chapter of Sigma Xi, the scientific research society. A reception will follow the ceremony in 101 Kern. The public is invited.

Cycling championship

The Penn State Allentown Campus rode to victory in the U.S. Collegiate Cycling Championships held Oct. 7 and 8 at the Lehigh County Velodrome.

In the women's division, Becky Milt captured first place in the sprint race. In the men's division, Jamie Carney took first place in the sprint race; Tim Quigley won first place in the pursuit race and third place in the points race.

Dave Bittenbender won the kilometer and finished third in the sprint race. The Penn State line-up of Bittenbender, Quigley, J.D. Moffitt and Tom Fugman cycled to victory in the team pursuit.

Twenty-three teams from across the country qualified for the event. Indiana University and the University of California at Berkeley came in second and third, respectively. The event was organized by Jim Young, assistant professor of exercise and sports science and cycling coach at the Campus.

Professor receives grant

Ashok Belegundu, assistant professor of mechanical engineering, has received a \$25,000 grant from the MacNeal-Schwendler Corp. of Los Angeles, Calif.

The grant is for research in the area of design optimization using finite element codes. A finite element code is a numerical method allowing investigations of structures with complex geometries and complex mechanical properties.

Research grant

James Brasseur, assistant professor of mechanical engineering, has been awarded a \$300,000 University Research Initiative Grant by the Air Force Office of Scientific Research.

Dr. Brasseur will study turbulence, collaborating with researchers from Yale and Princeton Universities.

Focus on the arts

The arts on Channel 3

Linda Rondtall with Nelson Radtke and His Orchestra airs at 10 p.m. Thursday, Nov. 2, on WPSA-TV. Musical selections include standards written by George and Ira Gershwin, Irving Berlin and Fats Waller.

Lincoln Center Theater's Tony-winning production of Thornton Wilder's "Our Town" airs on Great Performances from 9 to 11 p.m. Friday, Nov. 3. Recipient of five Tony nominations and winner of the award for best revival, the new mounting of the 1938 Pulitzer Prize-winning play about life in a small New England town at the turn of the century played for 21 weeks at Broadway's Lyceum Theatre.

"Glory Enough for All," an engrossing true-life drama about the medical, political and petty jealousies that led to one of medicine's most important breakthroughs, the discovery of insulin, airs on *Nightcap Theatre* at 9 p.m. Sunday, Nov. 5 and 12.

Featured author

The Penn State Bookstore on campus will feature alumnus Col. David E. Pergin, '40, as a featured author for homecoming. He will visit the bookstore from noon to 2 p.m. Friday, Nov. 3, to sign and discuss his book *First Across The Rhine* (Macmillan, 1989).

This historical work, written with Eric Hammel, is Col. Pergin's personal account of the 291st Combat Engineer Battalion, which he commanded. This engineer unit literally paved the way from Normandy to the Rhine and endured its baptism by fire in the Normandy breakout in the summer of 1944. The battalion played an important role in the Battle of the Bulge and, in March 1945, opened the way for the drive into Germany by building the first Allied bridge across the Rhine.

The public is invited to attend the book-signing. A 20-percent discount will be offered on *First Across The Rhine* during the author's visit to the bookstore.

Organ recital

Daniel Billings, a Penn State alumnus, will give an organ recital at 8 p.m. Monday, Nov. 6, in the Recital Hall of the Music Building at University Park.

His program will include Symphony VI by the 19th-century composer Widor, as well as works by J.S. Bach, Sweelinck and Franck.

Dr. Billings earned a B.F.A. in organ performance from Penn State and doctorate in music from the Eastman School of Music of the University of Rochester. Currently, he is music director of Parkwood Presbyterian Church, Allison Park, Pa., and adjunct professor of organ and sacred music at Duquesne University.

Dr. Billings also will conduct a master class at 6 p.m. Tuesday, Nov. 7, in the Recital Hall. Both the recital and the master class are free and open to the public.

Mexico border exhibit

An exhibition of multi-media works titled "Yes, Drake! The Border/La Frontera," by El Paso artist James Drake, will open Nov. 5 and continue through Jan. 31 at the Palmer Museum of Art at University Park.

The show is a mixture of charcoal drawings interspersed with welded steel figures and weapons such as guns and knives. All works bear the stark contrast of black and white, some ranging to 10 feet in height. Mr. Drake's use of contrast in his works reflects the dichotomies manifested between the United States and Mexico on opposite sides of an arbitrary line of demarcation.

As a child, Mr. Drake lived in Guatemala and later moved to Texas with his family. In 1970 he received the MFA from Los Angeles University and returned to southern Texas where he has lived for the past 24 years.

In conjunction with the exhibit, a minisymposium, "The U.S. and Mexico: A



A portfolio of three poems by John Balaban, with 15 illustrations by Jerrold Maddox, will be on exhibit Nov. 7-30 in the Rare Books Room, Pattee Library.

Border in Crisis," will be held Monday, Nov. 6, at the Museum.

Mr. Drake will open the symposium with a lecture at 9 a.m., and Jorge Bustamante, president of the Colegio de la Frontera Norte in Tijuana, Mexico, will speak at 10 a.m. The symposium will conclude with an hour-long panel discussion beginning at 11 a.m.

Mr. Drake also will discuss his career as an artist as part of the "Careers in the Visual Arts" series at 10 a.m. Friday, Nov. 3, in the School of Visual Art's Zoller Gallery next to the Museum.

He will speak to students about his experience living for the past 24 years in El Paso, Texas, on the U.S. and Mexico border and the influences it has on his work.

The talk, symposium and exhibition are free and open to the public.

Pattee exhibit

A portfolio of three poems by John Balaban, professor of English, with 15 illustrations by Jerrold Maddox, professor of art, will be on exhibit Nov. 7 through 30 in the Rare Books Room in Pattee Library at University Park.

A selection of the original drawings for the illustrations also will be on display. The collaboration between Professors Balaban and Maddox started more than a year ago when some of the drawings were done for the poems and combined on computer. Professor Maddox designed the project on the Macintosh computer and printed the final works by a LaserWriter on heavyweight Rives paper. Computerization of the project gave the artists control over the entire process of typesetting, layout and printing.

The process was made possible with the opening of the new School of Visual Arts Computer Graphics Lab in the fall.

French exhibit

The "Iconographic History of the French Revolution: Two Centuries of Pictures and Symbols of the Republic," sponsored by the French Department, is on display in the Art Alley of the HUB Galleries at University Park from Nov. 6 to Dec. 8.

The exhibit, which celebrates the Bicentennial of the French Revolution, demonstrates, chronologically, how the pictures and symbols of the French Revolution have been used for the past two centuries. Each poster is devoted to a particular period and articulates its essential themes through photographic reproductions of paintings, engravings, drawings, posters, sculptures and monuments.

Odyssey on WPSU

Comparative literature graduate student Charles Kraszewski presents his translations of modern Polish and Czech poems on "Artificial Respiration," the next episode of "Odyssey Through Literature" on WPSU. Mr. Kraszewski follows George Steiner's theory of translation, that the translator's aim is to recreate the original verse. The translation is a new poem: Not an equation but an equivalent. "It is a betrayal of the translator's work if he tries to bring over the music of the original language," he says. But a successful translation should have the same effect on the person reading it in English as the original had in Polish or Czech.

"Odyssey Through Literature" is produced by the Comparative Literature Department and airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Women's chorus

The Penn State Women's Chorus will present a concert at 8 p.m. Wednesday, Nov. 8, in the Recital Hall of the Music

Building at University Park.

The 80-voice group will perform works for women's voices by Leo Hassler, Felix Mendelssohn and Randall Thompson. The keynotes, a 16-voice specialty group, will present selections by George Gershwin.

Both groups are under the direction of Russell Bloom, a graduate student in the School of Music.

Intifada conference

"The Intifada Within the American, Israeli, Islamic Triangle" is the subject of a conference sponsored by the Penn State International Student Council at 7:30 p.m. Wednesday, Nov. 8, in Schwab Auditorium at University Park.

Participants include Wolf Blitzer, Washington, D.C., correspondent for *The Jerusalem Post*; Father Martin Jenco, O.S.M., American hostage for 19 months in Lebanon; Zafar Bangash, editor of *Crescent International*, an Islamic news magazine published in Canada and distributed worldwide; and Norman Finkelstein, assistant professor of political science at the City University of New York and Middle East expert at Brooklyn College.

The event is open to the public, but those interested in attending should pick up a pass at the HUB desk. The pass will be good until 7:20 p.m. on the night of the program. After 7:20, anyone with or without a pass may enter provided there is available seating.

The event is co-sponsored by Charles L. Hosler, senior vice president for research and dean of the Graduate School; Gregory C. Knight, vice provost and dean for undergraduate education; and the School of Communications, the Middle East Studies Committee, the University Office of International Programs, the Department of Political Science, the Department of History and the Division of Student Programs.

In connection with the conference, the Penn State Bookstore will sponsor a "Meet the Authors" session with Mr. Blitzer and Mr. Bangash from 2 to 3 p.m. Wednesday, Nov. 8.

The participants will be available on Nov. 8 for individual class discussions. For more information, or to schedule one of the speakers, contact Abbas Aminmansour, conference coordinator, at (614) 865-9281.

Trumpet ensemble

The Penn State Trumpet Ensemble will present a concert of baroque and contemporary music at 12:10 p.m. Thursday, Nov. 9, in Eisenhower Chapel at University Park. The 20-minute concert is part of the Bach's Lunch Concert series, sponsored by the School of Music and the University Lutheran Parish.

The program will feature the "Concerto for Seven Trumpets" by Altenburg, as well as works by Reynolds, Tull and Guentzel.

The ensemble has 14 trumpet players selected from students in the School of Music and other departments of the University. Robert Howard of the School of Music faculty directs the group.

Ceramics conference

"Black and White in Clay," a ceramics conference featuring two exhibitions and five guest speakers, will be presented Nov. 10 and 11 at the Keller Conference Center and in the Palmer Museum of Art at University Park.

The complementary exhibitions are "Clay in the East V" in Zoller Gallery, which includes works by graduate and undergraduate students in ceramics programs throughout the East coast, and "Penn State Ceramics" in the Palmer Museum of Art.

Three guest artists, Patrick Siler, Edward Eberle and Christina Bertoni, will present slide lectures on their creative work in clay at the Keller Conference Center Auditorium. Their lectures will be open to conference registrants only.

(Continued on page 5)

University Park Calendar

November 2— November 12 Special Events

Thursday, November 2

Women of Color Luncheon, noon-1 p.m.
Nativity Lion Inn, Men and Women of Color
School of Music, Bach's Lunch Concert, 12:10
p.m., Eisenhower Chapel, Penn State Chamber
Singers.

Women's Studies, 8 p.m., HUB Gallery. Valerie
Miner, Univ. of Calif., Berkeley, on "Worldly
Words: International Women's Storytelling."

Friday, November 3

Group discussion, 10 a.m., Zoller Gallery. James
Drake, artist, El Paso, Texas, on "Careers in the
Visual Arts."

URTC, *On The Geography of Yemanu* through Nov.
11, Pavilion Theatre.

Geog. Coffee Hour, 4 p.m., 110 Walker. Sanford
Thatcher on "Scholarly Publishing at the Penn
State University Press."

Homecoming parade, 5:15 p.m. starting on Bigler
Road.

Japan Lecture Series, 7:30 p.m., 101 Kern
Masamichi Hanabusa, consul gen. of Japan in
New York, on "Japan's New Role in the
International Community."

School of Music, 8 p.m., Recital Hall. Penn State
Percussion Ensemble.

Saturday, November 4

Shaver's Creek, 7:30-9:30 p.m., Members Only
Owl Prowl. Call 863-2000. Penn State
School of Music, homecoming concert, 9 p.m.,
Schwab Auditorium, Penn State Glee Club.

Sunday, November 5

Shaver's Creek, 2:30-3 p.m., Hazardous
Household Waste. Call 863-2000.
Carnegie Hall Film Series, 7 p.m., *Melies of the
Afternoon, Scrupa Rising, Virtual Fantasy, Remains,
Rage*, 9 p.m., *High and Low* (1962), 4 Carnegie.
Free.

Monday, November 6

Ministry/Music, "The U.S. and Mexico: A
Border in Crisis," 9 a.m.-noon, Palmer Museum
of Art.

Comp. Lit. Luncheon, 12:15 p.m., 101 Kern.
Laura Knoppers on "Reconsidering the New
Historicism: The Case of *Mosses for Measure*."
German Dept. film, 8 p.m., 101 Chambers.
Wings (1967).

Tuesday, November 7

Gerontology Colloquium, noon-1 p.m., 101 Health
and Human Dev. East. Presentation by NIA
trainees Mark A. Lane, Lynda Malmrose, Sarah
Malone.

Penn State, Kent State and American College
Personnel Assoc., Student Affairs Seminar
Series, 6-9:30 p.m., 3 Patten Library. J. Thomas
Eakin on "Of Town and Gown: The
Resurrection of Community Service."

Pre-registration, 865-3443.
Center for the Performing Arts, 8 p.m.,
Eisenhower Aud. Chick Corea Akoustic Band.

Josephine I Rhea Lecture on Italian Letters, 8
p.m., 101 Kern. Tibor Wlassics, Univ. of
Virginia, on "Danie the Mythmaker: Twice-
Told Tales in the *Cumtely* Free."

Wednesday, November 8

Center for Women Students Brown Bag Lunch
Series, noon-1 p.m., C.W.S. Lounge, 120
Boucke. Film/discussion of *Against Her Will*,
with Patricia Johnston.

School of Music, 8 p.m., Recital Hall. Women's
Chorus.

Thursday, November 9

School of Music, Bach's Lunch, 12:10 p.m.,
Eisenhower Chapel, Penn State Trumpet
Ensemble.

Women's Studies, 8 p.m., HUB Assembly Room.
Cikely Herd, Univ. of Chicago, on
"Adolescent Gay and Lesbian Development:
Coming Out As a Rite of Passage."

Friday, November 10

Friends of the Palmer Museum of Art,



The Chick Corea Akoustic Band, which includes, from left, John Piatucci, Chick Corea and Dave Weckl, will perform at 8 p.m. Nov. 7 in Eisenhower Auditorium.

conference, Clay in the East V. Black and
White in Clay. Also Nov. 11.
Geog. Coffee Hour, 4 p.m., 319 Walker.
Anthony Brazel, Arizona State, on "The Effect
of Urbanization on the Desert Climate of
Phoenix."

School of Music, 8 p.m., Recital Hall. Penn State
Concert Choir Chamber Singers.

Saturday, November 11

Shaver's Creek, 2:4 p.m., Making Herbal Soup.
Call 863-2000.

Center for the Performing Arts, 8 p.m.,
Eisenhower Aud. Vladimir Feltsman, pianist

Shaver's Creek, 2:4 p.m.; Natural Cleansing With
Herbs. Call 863-2000.

Friends of the Palmer Museum of Art, 2:30 p.m.,
Palmer Museum of Art.
Historical musical instruments performance,
Robertson/Meyers Duo.

Carnegie Hall Film Series, 7 p.m., 4 Carnegie. *La
Sennet, La Jette, Backyard, Night Drive* (1958) 9
p.m. Free.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5:30-30
p.m.; Saturday and Sunday, 5:40 p.m.; Morning
Edition, Monday-Friday, 6-8 a.m.; Weekend
Edition, Saturday and Sunday, 11 a.m.-1 p.m.
"Odyssey Through Literature," 12:30 p.m.
Wednesdays, with S. Leonard Rubinstein.
"Creative License," 12:30 p.m. Thursdays, with
Asa Berlin and Pam Saulnier.

Conferences

Continuing Education

Keller Building

Nov. 5-7, Pennsylvania Junior Science and
Humanities Symposium. Paul Bell, associate
professor of education, chair; Gretchen
Leathers, coordinator.

Nov. 6-7, Computational Methods in Stormwater
Management. David F. Kibler, professor of
civil engineering, chair; Barbara Impellitteri,
coordinator.

Nov. 6-17, Police Executive Development
Institute. James R. Horner, assistant professor of
administration of justice, chair; Kathy
Karchner, coordinator.

Nov. 7, Pennsylvania Bar Institute. Jerr Milson,
coordinator.

interplay between its three-dimensional
shape and its two-dimensional decoration.

Ms. Bertoni, a faculty artist at the Rhode
Island School of Design, will speak at 10
a.m. Saturday, Nov. 11. Her large pinched
earthenware bowls present geometric and
asymetric constructions involving her
riddles about night skies, the cosmos and
the earth.

Two free public lectures will complement
the conference and will be held in the
Palmer Museum of Art. At 3 p.m. Friday,
Nov. 10, Frederick R. Matson, professor

Nov. 8-10, Elements of Cold Preparation. Harold
Lovell, professor emeritus of mineral
engineering, chair; Norm Lathbury,
coordinator.

Nov. 8-11, T.C. Schneirla Memorial Conference.
Kathy Hord, associate professor of human
development, chair; Eric Logg, coordinator.

Nov. 9-10, Municipal Liability. Jack H. Williams,
assistant professor of administration of justice,
chair; Kathy Karchner, coordinator.

Nov. 9-11, Lady Lion Basketball Coaches Clinic.
Rene Portland, women's basketball head coach,
in charge; Chuck Herd, coordinator.

Nov. 10-11, Clay in the East. Berry Matthews,
associate professor of art, chair; Jack Sinclair,
coordinator.

Nov. 10-12, Council of Professors of Instructional
Supervision. James Nolan and Bernard Bushak,
assistant professors of education, chairs; Barbara
Impellitteri, coordinator.

Seminars

Thursday, November 2

Physics Colloquium, 3:30 p.m., 55 Osmond Lab.
Alan Goldman, Univ. of Minnesota, on
"Artificial Structures as Models of Real
Materials."

Ecology, 4 p.m., 111 Wartik Lab. Richard Roesly
Frostburg State Univ., on "Genetic and
Morphological Evolution in Atlantic Slope
Populations of *Elodea canadensis*."

Friday, November 3

Agronomy, 3:35-4:25 p.m., 111 Tyson. Prakash
B. Malla on "Pollared Cays."

Monday, November 6

Entomology, 3:45 p.m., 324 Patterson.
MaryCarol Rousner on "Resistance to Bt in the
Cotton Moth: Genetic and Environmental
Causes."

Physics EEP, 4 p.m., 339 Davey Lab. T. Fulton.
Johns Hopkins Univ., on "A Field Theory
Approach to Transitions and Radiative
Corrections for Many-Electron Atoms."

Tuesday, November 7

Economics Workshop, 2:30 p.m., 420 Kern.
Lionel Gladstein Kletzer, Williams - Economics/
Brookings, on "Industry Wage Differentials and
Permanent Job Loss (Duration Analysis)"

Physics CAMP, 4 p.m., 334 Davey G. Grinstein
IBM, on "Periodic Oscillations in Large
Systems: Are They Stable?"

Biology, 4 p.m., 8 Mueller Lab. Gary
Beauchamps, Monell Sensory Lab, on

"Chemosenory Recognition of Genetic
Individuality."

Speech Communication Colloquium, 4:30 p.m.,
111 Chambers. George A. Kennedy, Univ. of
N.C., on "New Perspectives of Aristotle's
Rhetoric."

Thursday, November 9

Whitfield Lecture, 5:40 p.m., 55 Osmond Lab.
Gordon Byam, Univ. of Illinois, on
"Ultra-ultraviolet Heavy Ion Collisions and
Possible New States of Matter."

Sigma Xi, 4 p.m., Kern Aud. Charles R. Hovler Jr.
on "Scientific Integrity in a Negotiating
Society."

Ecology, 4 p.m., 111 Wartik. Richard H. Yahrner
on "An Experimental Approach to Determining
Factors Affecting Avian Nesting Success in
Fragmented Landscapes."

Friday, November 10

Kapke Environmental Engineering Seminar Series.
3:15 p.m., 127 Sackett. Ananda M.
Chakrabarty, Univ. of Illinois, Chicago, on
"Directed Evolution: Microbial Degradation of
Synthetic Chlorinated Compounds."

Agronomy, 3:15 p.m., 111 Tyson. James Kinney
on "Carbon Balance During Grain Filling in
Corn and Sorghum Under Stress."

Exhibits

Chambers Gallery

Art Student League Juried Exhibition, through
Dec. 1.

HUB Galleries

Art Alley Cases.
Items from the Pato Agricultural Museum,
through Nov. 3.

Personal artifacts from the Vietnam War, through
Nov. 3.

C. Rae Bradley, Rachs Creations, Nov. 6-Dec. 8
Art Alley Panels.

Kathleen Fox Ragazza, Edelet, through Nov. 3
Iconographic History of the French Revolution.
Two Centuries of Pictures and Symbols of the
Republic, Nov. 6-Dec. 8.

Browsing Galleries:
MicroScapes: The Hidden Art of High
Technology, through Nov. 8.

Global Gallery:
Art Alliance of Central Pennsylvania Open Juried
Regional Show, Nov. 6-Dec. 1.

Kern Galleries

College of Health and Human Development
Research Exhibition, through Nov. 10
The French Revolution Machine, through Feb.
28.

Palmer Museum of Art

Turn-of-the-Century European Posters from the
Museum's Collection, through Nov. 5.

Ceramics from Penn State Collections, through
Nov. 10.

Patten Library

East Coast College Galleries:
Jorene Rath, Simplification of Form, through
Nov. 17.

Lending Services:

Bill Hosterman, wildlife paintings, through Nov.
27.

Rare Books Room:

Treasures of Poetry, through Nov. 6.
Three Poems by John Balaaban, with illustrations
by Jerrold Maddox, Nov. 7-28.

Dorothy Roberts, Recent Poems, Nov. 7-28.

Zoller Gallery

Clay in the East, through Nov. 11
James Drake, The Border/La Frontera, Nov. 5-Jan.
21

TIPS

Information Penn State

Call 863-1234 press 1 and enter the number of
the message you wish to hear. Messages are
listed in the front of the telephone directory.
Other messages are Weather-234 Arts Line-
345, University Calendar-456.

25-year award

George Harpster, lead auto mechanic
Office of Physical Plant

Clarence Thompson, group leader,
intramural equipment and facility worker
Intercollegiate Athletics

Focus on the arts

(Continued from page 4)

Registration for the conference begins at
10 a.m. Friday, Nov. 10. Fees are \$10 for
students and \$15 for non-students.

Mr. Siler, associate professor of art at
Washington State University, will speak at
1:30 p.m. Friday, Nov. 10. He creates
narrative stencils, slips and graptos.
Pittsburgh artist Edward Eberle will
present his lecture at 7:30 p.m. Friday. His
work centers around the vessel and the

Stone Valley provides education and recreation

About 20 minutes from downtown State College lies a park that time—and many people—have forgotten.

Stone Valley Recreation Area (SVRA) often is mistaken for a state park because of its setting and the assumption that a 700-acre park must be state-owned. Officially opened in July 1960, Stone Valley actually is owned and operated by the University, something that many students, faculty and administration members do not know.

Dale Roth, manager of auxiliary/recreation services, currently is working on a strategy to increase public awareness and bring more people to the park.

He would like to make Stone Valley into a retreat area for students and University faculty and staff members who want something different from downtown State College and a place to relax.

"There are many people (at Penn State) who don't know about Stone Valley," Mr. Roth said, "and we're trying to be more aggressive in increasing awareness."

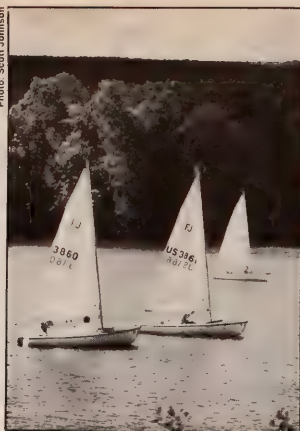
Stone Valley provides educational and recreational services primarily for the University, but the park is open to the public year-round. Discounts are available to students and University department.

"(SVRA) is a classroom facility for the School of Forest Resources and physical education classes," Mr. Roth said. "The Civil Engineering Lodge is utilized for social and recreational facilities."

Also, the College of Engineering once used the land for summer surveying classes. Students on campus now learn about surveying at the main campus by surveying the Old Main lawn, he added.

Stone Valley recreation facilities include a winterized lodge with volleyball nets on sand playing fields, horsehoe pits, 11 year-round rental cabins, cross-

Photo: Scott Johnson



Sailing at Stone Valley

country ski trails and picnic areas.

The 72-acre, man-made lake is seasonally stocked by the Pennsylvania Fish Commission and can be fished

from the opening of trout season (in April) through winter, when it is a popular ice fishing spot. Private non-motor boats are allowed to ride the water, and people can rent canoes, rowboats or paddleboats.

The park also has 25 miles of trails, including one crossing nearby Tussey Mountain, that can be hiked in spring, summer and fall. In winter, the trails are prepared and marked for cross-country skiing.

An added attraction to the park is the Shaver's Creek Environmental Center. The center houses a "please touch" museum that allows children to understand wildlife by experiencing it first-hand.

The museum also is home for a variety of reptiles, amphibians and fish. It features a bird watching area and an observational bee hive housed in a transparent case inside the museum, allowing visitors to watch bees during the honey-making process.

The University has owned Stone Valley since the 1930s, when it was equipped with stone and wood buildings that complement the natural setting of the forest. It is subsidized by the University and receives donations and fees from visitors.

President Emeritus Eric A. Walker, deciding to expand the facility, organized a group of University deans, faculty and interested persons to fund the construction of the lake and recreation area in 1959.

Mr. Roth said that to keep pace with other parks, sewer and water renovations are being studied, as well as other projects such as winterized cabins.

"(Stone Valley)" is unique in that it is one of the few developed, rustic facilities in proximity to the University that more students and University employees should take advantage of," he said.

— Paul Kovach

Raptor Center rehabilitates injured birds of prey

For centuries humans have marvelled at birds of prey, especially the eagle. The freedom, strength and beauty of the bald eagle inspired the Founding Fathers to establish the bird as the symbol of the United States.

Very few people have the opportunity to see an eagle up close, except in a zoo or museum exhibit. Humans have pushed most eagle species to the brink of extinction, disturbing or eliminating the bird's natural habitat.

But picture a golden eagle lying on the ground, poisoned and unable to fly again . . . It evokes differing emotions and often brings people to tears.

Injured birds of prey, such as the golden eagle, are the residents at Shaver's Creek Raptor Center, one of the few federal and state facilities in Central Pennsylvania licensed to care for and rehabilitate these birds.

The center, which is part of the Shaver's Creek Environmental Center, is under the direction of Gerald "Corky" Potter and the Department of Leisure Studies.

"Today I manage a quarter-million-dollar facility that provides exemplary environmental experiences for some 75,000 residents and visitors to Central Pennsylvania."

Among the center's avian residents are owls, hawks, falcons, a turkey vulture and a bald eagle.

In addition to the raptor exhibits, the center offers school and public information programs and traveling road shows to inform people about the role that raptors play in the environment.

Our educational programs focus on getting children involved," Mr. Potter said. "We use live birds and bird signs, such as feathers and talons, to provide hands-on experience. We focus on adaptations, life histories and habits of local raptors while emphasizing respect and admiration for them. Seeing a live golden eagle may nurture a lifelong respectful attitude."

Butte, a blind red-tailed hawk, was the center's first educational bird, he said. The impetus to expand and build the raptor center was an anonymous grant given in August 1988 that allowed the center to build cages, remodel the hospital shed, train the staff and develop educational programs.

Donations and memberships at the center play a large role in the upkeep of the center and the rehabilitation of the raptors, he added.

One of the programs, Adopt A Bird, is a half year old and has received more than \$5,000 in sponsorships, enabling the center to purchase food, medicine and materials for new enclosures.

Mr. Potter added that since the center has grown, student interns from around the world have come to work there because of its internship training program's reputation.

"Each year we offer some 24 internship positions. The internships provide unique opportunities to learn as much as possible about working as a naturalist or

environmental educator," he said.

Julia Gregory, from London, England, has interned at the center since January. She holds a bachelor of science degree with honors in combined sciences from the Polytechnic of Wales and works with the eagles as part of her overall responsibilities at the center.

"We received the golden eagle from the Wildlife Center of Virginia in June," she said. "We had the space for an eagle to accompany our bald eagle, Halie, and we thought we could use her in our environmental programs."

The center believes that the eagle was poisoned by pesticides in the food chain. The poison affected her central nervous system and eyesight, limiting her movements. The eagle later developed anorexia and a liver problem and died Sept. 24.

Mr. Potter said that in the past four or five years there has been an increase in people's awareness about endangered species, and the ecology in general, which only makes the center's mission and role in the community more important.

He added that the center is planning to work with autistic children and the elderly, noting that it can bring about a major change in behavior. Cage design, medical procedures and treatment, staff and volunteer training and raptor breeding attempts are other research possibilities.

While the raptor center is a main attraction at Shaver's Creek, the center also offers an exhibit room that a touch-and-feel table for children to gain hands-on experience with nature.

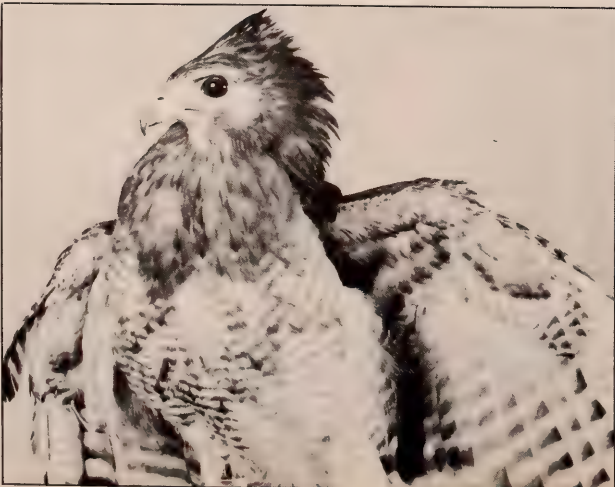
The center has a bookstore, gift shop, classroom and bird feeding observation area.

"Discovery walk" programs offered by the center cover different aspects of nature using Stone Valley's 25 miles of trails. A program covering the making of maple sugar from tree to breakfast plate, and the ropes and cooperation courses to increase personal confidence and mutual support also are available.

"Shaver's Creek is a special place, and the raptor center is unique," Mr. Potter said.

— Paul Kovach

Photo: Scott Johnson



Red shouldered hawk

Appointments

Teaching engineers how to translate innovative ideas into profitable ventures is one of the goals of **Frank Cabron**, chairman of Helix Technology Corp. He has been named the first Keen Professor for Entrepreneurship in Engineering in the College of Engineering.

"Engineers often lack business 'street smarts,'" Mr. Cabron said. "They have great ideas, but lack the know-how to screen them and build a profitable enterprise."

The Keen Professorship was established by Emil M. Keen, a builder and developer in Northern Virginia, and is designed to bring innovative and entrepreneurial concepts into the traditional engineering curriculum.

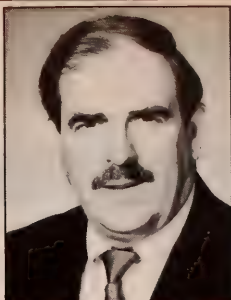
Mr. Cabron will teach an upper level course, "Entrepreneurship and Innovation," on the University Park Campus this spring. In addition to entrepreneurship, the course will explore the concept of

"intrapreneurship." Intrapreneurship is particularly important, because most engineers will at least start their careers within a corporation," Mr. Cabron said.

Mr. Cabron, who earned a master's in mechanical engineering from Penn State in 1955, has broad experience as a practicing engineer and a manager of entrepreneurial ventures. He began his career as a combustion research engineer at United Technology Corp. where he was responsible for early rocket development. It culminated in the chairmanship of Helix, a manufacturer of cryogenic vacuum pumps and cryogenic refrigeration systems.

In 1969, he received NASA's Achievement Award for his contributions to the Apollo 11 manned lunar exploration mission. In 1987, he received the College of Engineering's highest alumni honor, Outstanding Engineering Alumnus, and in 1989 was named an Alumni Fellow.

John A. Milner, director of the Division of Nutritional Sciences at the University of Illinois, has been named professor and head of the Department of Nutrition in the



John A. Milner

College of Health and Human Development.

He also will serve as director of the intercollege graduate program in nutrition and assistant director of the Agricultural Experiment Station.

He succeeds Helen A. Guthrie, who headed the Nutrition Department for 14 years before returning to full-time teaching and research. Dr. Guthrie last spring was named the first holder of the newly created Helen A. Guthrie Chair, partially endowed by the H.J. Heinz Company Foundation.

Dr. Milner, a faculty member at Illinois since 1975, also had been director of the intercollege division of nutritional sciences at that university and assistant director of the Illinois Agricultural Experiment Station.

He is an internationally recognized authority on the role of diet in the development and prevention of cancer, particularly the anti-cancer role of the nutrient selenium. He has earned young investigator awards from the Nutrition Foundation and American Diabetes Association, and in 1980 the University of Illinois College of Agriculture honored him



Ronald L. Poland

with its Faculty Award for Excellence in Research.

A member of the nutrition study section of the National Institutes of Health since 1985, he now chairs that section. He also is a member of the council of the American Institute of Nutrition and has played national roles in the Institute of Food Technology and the American Chemical Society.

Dr. Milner holds a bachelor of science degree from Oklahoma State University and a doctorate from Cornell University in nutrition, with a minor in biochemistry and physiology.

Carolyn Ng-Bershad has been appointed project associate in the Division of Planning Studies. In her new position, she will assist the division with a variety of research projects.

Ms. Ng-Bershad formerly served as a student affairs officer at University of California-Riverside, where she coordinated support services for re-entering adult students. She holds two master's degrees from the University of Hawaii, one in

Asian studies and one in anthropology and received her bachelor of arts degree in Chinese studies from SUNY Binghamton

Ronald L. Poland has been named chairman and professor of the College of Medicine Department of Pediatrics at the Hershey Medical Center.

Dr. Poland, who currently is director of Neonatal Services at Detroit Medical Center Affiliated Hospitals in Detroit, Mich., and professor of pediatrics at Wayne State University, Detroit, assumed his responsibilities at Hershey Nov. 1.

A native of Philadelphia, Dr. Poland earned his doctorate from Jefferson Medical College in 1965. He completed a pediatrics internship at Johns Hopkins University in 1966 and pediatric residency there in 1968. He completed two consecutive one-year fellowships—an NIH special fellowship in developmental biology, earning a master's in molecular biology from Johns Hopkins in 1971, and a fellowship in neonatal-perinatal medicine at Johns Hopkins Hospital in 1972.

A recipient of many honors and awards, he is a member of Alpha Omega Alpha, the American Medical Association, American Association for the Advancement of Science, American Pediatric Society, and Society for Pediatric Research, and a fellow of the American Academy of Pediatrics. He serves on several state and national boards, including serving as chairman of the Committee on Fetus and Newborn of the American Academy of Pediatrics, and member of the NIH Expert Panel on the Content of Prenatal Care.

A well-published author of books, articles, and abstracts, Dr. Poland is a member of the editorial board for the *American Journal of Perinatology* and serves as reviewer for several journals, including *Pediatrics*, *Journal of the American Medical Association*, *Pediatric Research*, and *Journal of Pediatrics*.

Promotions

Staff Exempt

Georgia C. Abbey, to coordinator, corporate associates and internship programs in Business Administration.

Barbara A. Almonee, to programmer/analyst A in Office of International Programs.

Russ B. Brode, to systems planning specialist in Academic Services.

Judith E. Cadieux, to coordinator, children's miracle network telethon at Hershey.

Tamsin Crissman, to area representative in Commonwealth Educational System.

Maryellen K. Dye, to trauma nurse coordinator at Hershey.

James Edmunds, to bookstore manager in Penn State Bookstore.

George Falkenstein, to senior systems developer in C&IS -- Center for Academic Computing.

Shelley F. Gette, to administrative computer system specialist in Earth and Mineral Sciences.

Julia S. Gibbonney, to supervisor, medical records in Student Services.

Robert L. Hendershot, to manager, printing services in Business Services.

Deborah A. Hitchcock, to director of continuing education at Ogonizk Campus.

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Faculty being asked to submit grant proposals

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion **MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304)**. Applications for these staff vacancies will be accepted until **Nov. 9, 1989. DO NOT CONTACT THE AREA THAT HAS THE VACANCY**. Applications for staff vacancies are considered in accordance with Fair Employment practices (PS 11) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age as provided by law, sex or status as a disabled or Vietnam era veteran.

• **Admissions Counselor II, Market Planning and Communications, Division of Undergraduate Education, Undergraduate Admissions, University Park Campus**—Responsible to the associate director of undergraduate admissions for general assistance in concerning planning and managing operational aspects of admissions, procedures and activities which relate to market planning and communications. Participate in and administer admissions activities as assigned. Requires bachelor's degree or equivalent in journalism, English or related field plus one to two years of effective experience. **STAFF GRADE 6**

• **PENNLINE Coordinator, Agriculture, Administrative Services, University Park Campus**—Responsible to a senior analyst for planning, developing and evaluating user support and

Faculty from all University campuses are invited to submit proposals to the Penn State 1990-91 Research Initiation Grant (RIG) Program.

The RIG Program was established to support the initiation of research and other creative work in the sciences, engineering, social sciences, and arts and humanities; by new faculty members. New faculty members are defined as faculty members with a service accumulation of two

calendar years or less by September 1990.

The selection of the RIG awards is a competitive process based on scholarly merit, potential benefits to the investigator and to the University and direct or indirect contribution to the graduate program.

The 12-month awards will range from \$2,500 to \$7,000 and will be announced following a preliminary screening by the colleges and final recommendations from a University review committee selected from

a variety of disciplines and appointed by the senior vice president for research and dean of the Graduate School.

Faculty desiring further information should call their Administrative Committee on Research (ACOR) representative or campus executive officer. The proposal deadline submission to ACOR deans is Monday, Jan. 22, 1990. Awards will be announced by Monday, April 2, 1990.

Staff Vacancies

education programs for the PENNLINE electronic communications project. Requires bachelor's degree, or equivalent, in agriculture or technology related field plus one to two years of effective experience. Excellent oral and written communication skills are required including the ability to communicate technical information to non-technical audiences. Experience in project planning and management is also required. Experience with Apple Macintosh MS-DOS and Digital VAX computers, and knowledge of data communications is preferred. **THIS IS A FIXED-TERM POSITION FUNDED UNTIL JUNE 30, 1990, WITH STRONG POSSIBILITY OF RE-FUNDING. STAFF GRADE 6**

• **Computer Graphics Specialist, CES, University Division of Media and Learning Resources—Photo/Graphics, University Park Campus**—Responsible to the supervisor of graphic services for the implementation and coordination of computer graphics and for assisting in the development and selection of associated software and hardware. Requires bachelor's degree, or equivalent in computer related or fine arts field plus one to two years effective experience in computer graphics and/or graphics design. Working knowledge of UNIX, FORTRAN and/or BASIC languages preferred. **STAFF GRADE 5**

• **Program Assistant, CES, University Division of Media and Learning Resources, University Park Campus**—Responsible to the director of independent learning for all aspects of the development, coordination, instruction and administration of an independent learning based (correspondence study, nationwide technical training program for apprentices, that will provide all of the related training required for advancement to journeyman status in the automatic sprinkler pipe fitter trade.

Requires bachelor's degree, or equivalent, in engineering or technology or related field, with over one year of effective experience. Knowledge of the building trades, basic college mathematics and excellent written and verbal communications skills are required. Teaching experience is highly desirable. **STAFF GRADE 6**

• **Foreman—Water Systems, Office of Physical Plant, Physical Plant, University Park Campus**—Responsible to the supervisor, Water Systems Maintenance and Operations, for overseeing the operation of the potable water system water quality control; preparing reports to environmental regulatory agencies and supervising the Utilities Laboratory and assigned personnel. Requires a bachelor's degree, or equivalent, in environmental engineering or related field and certification as a Pennsylvania Waterworks Operator, Class A, Type 3, or be able to obtain certification within one year and two to four years of effective experience in the operation and maintenance of potable water and wastewater systems. **STAFF GRADE 6**

• **Systems Analyst, Computer and Information Systems, Office of Telecommunications, University Park Campus**—Responsible to the senior systems analyst for providing support to the Office of Telecommunications for the design, development, and implementation of innovative data processing systems. Assist in the interaction with staff to define problem areas and derive solutions that achieve the desired results. Analyze and solve problems with existing systems and programs. Requires bachelor's degree, or equivalent, in a computer-related field plus two to four years of effective experience in computer programming and systems design to include database management systems. **STAFF GRADE 7**

• **Applications Programmer/Analyst, Computer and Information Systems—Management Services, University Park Campus**—Responsible to the designated project leader for conducting analyses of data processing and customer concerns, determining detailed systems problems, and preparing computer programs to satisfy desired end results. Assist in providing direction and control within specifications of project schedules. Requires bachelor's degree, or

equivalent in basic, computer systems plus one to two years of effective experience in computer programming and analysis. Experience in accounting preferred. **THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1990. STAFF GRADE 6**

• **Senior Technical Specialist (Economic Development), Senior Vice President for Research and Dean of the Graduate School, Office of Sponsored Programs, Technology Transfer and Industrial Liaison, Penn State Erie**—Responsible to the associate vice president for sponsored programs, technology transfer and industrial liaison, through the director of industrial programs, for serving as a resource person for clients interested in economic development. Requires master's degree, or equivalent, in an engineering field or physical science, plus five to seven years of effective experience in an industrial setting, preferably in plastics-related industry. **THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1990, WITH STRONG PROBABILITY OF RE-FUNDING. STAFF GRADE 9**

• **Telecommunications Specialist, College of Medicine, The Department of Telephone Services, The Milton S. HERSHEY Medical Center**—Responsible to the telecommunications analyst for telephone system upkeep and the testing and analysis of system problems which may arise on a day-to-day basis. Requires associate degree or equivalent, in electrical engineering plus one to two years of effective experience which must include experience working primarily as an SL-1 Technician after SL-1 Training School. **STAFF GRADE 5**

• **Administrative Aide, College of Medicine, The Department of Psychiatry, The Milton S. HERSHEY Medical Center**—Responsible to the chairperson Department of Psychiatry for the performance of various administrative duties to include supervision of departmental clerical employees and the efficient operation of the departmental office. Requires a high school graduate with at least two years of college or the equivalent, plus three to four years of effective experience in the performance of administrative duties and supervision of clerical personnel. **STAFF GRADE 5**

Liberal Arts dean search group is named

A search committee has been appointed to identify candidates for the position of dean of the College of the Liberal Arts. **Ronald L. Filippelli**, professor and head, Department of Labor Studies and Industrial Relations, will chair the committee.

Other committee members are **Margaret M. Cote**, associate professor of English, Allentown Campus; **Peter R. Gould**, Evan Pugh professor of geography; **Grace Hampton**, vice provost; **Dennis P. Hogan**, professor of sociology; **Arthur R. Jarvis**, graduate student representative; **Lynn S. Liben**, professor and head, Department of Psychology; **Raymond E. Lombra**, professor of economics; **Nancy S. Love**, associate professor of political science; **Leon F. Lyday**, professor and head, Department of Spanish; **Salvatore M. Merigo**, associate librarian and chief, Humanities and Social Sciences Department; **Carl I. Meyerhuber**

Jr., associate professor of history, New Kensington Campus; **James C. Moeser**, dean of the College of Arts and Architecture; **Stanley H. Rosen**, Evan Pugh professor of philosophy; **Susan Sandoe**, undergraduate student representative; **Robert A. Secor**, professor of English and American studies; **James P. Stewart**, associate professor of labor studies and industrial relations; and **Brian N. Winston**, dean of the School of Communications.

The search committee will begin to review applications in early December and continue to receive them until a candidate is selected. Nominations and letters of application accompanied by a curriculum vitae and other supporting material should be submitted to **Ronald L. Filippelli**, chair, dean of the College of the Liberal Arts, Search Committee, Room 201 Old Main, Box PS1, University Park.

Engineering center director sought

The College of Engineering has begun an internal search for a director of the Engineering Advising Center to replace **William H. Gotsolki**, professor of civil engineering, who will retire Jan. 1, 1990.

The Engineering Advising Center is responsible for advising all premajor engineering students at the University Park Campus. The director supervises a staff consisting of approximately 10 faculty members who each spend two to three hours per week in the Center. In addition there are two professional counselors (one

from DUS), a secretary, and several work-study students who work in the Center.

Interested faculty, whether at University Park or a Commonwealth Campus, should send a letter of application and a brief resume to **Joan Lampman**, 101 Hammond Building, University Park, Pa. 16802, by Nov. 15.

A screening committee is being appointed to review the applications and make recommendations to the dean of engineering.

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William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

November 2, 1989
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TAYLOR LECTURES

The Nelson W. Taylor Lectures will be presented Nov. 6 and 7. See the story on page 3.

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Faculty and staff members discuss freshman seminars

Freshman seminars, with their small class sizes, deserve a place in the educational curriculum at the University, although how they should be structured requires further study and debate.

That is the consensus of panelists participating in a one-day conference on freshman seminars, sponsored by the Office of the Vice Provost and Dean for Undergraduate Education, held Nov. 2 at University Park.

"Freshman seminars, which have been a national phenomena for a long time, are here to stay," **Leonard L. Szpara**, Division of Undergraduate Studies programs coordinator at Penn State Worthington Scranton, said.

"These courses have been extensively researched, and the research supports their validity and viability. The seminars have been shown to help with both retention and academic performance," he added.

About 150 faculty and staff members attended the conference, which is an outgrowth of a process begun in 1987, when the Office of the Dean for Undergraduate Programs sponsored the development of a report called "The Freshman Year Program."

The Freshman Year Committee submitted its report to the Office of the Dean in June 1988, and in September, the report was sent to the Senate. **Jerry B. Covert**, associate dean for undergraduate education, said.

Currently, the report is under review by the Senate Committee on Undergraduate Instruction, which has created a subcommittee to study the issue further.

"The conference on freshman seminars is keeping the idea alive. While the Senate continues its deliberation on the report, it is important to maintain the interest and active participation in the process of offering the freshman seminars throughout the University," Dr. Covert said.

Since the late 1970s, when the College of the Liberal Arts initiated the first freshman seminars, a number of these courses have been available to students. Class sizes are generally kept to 25 students. There are now 16 such courses offered. **M. Lee Upcraft**, assistant vice president for counseling services and program assessment and conference co-chair, said.

Among those teaching freshman seminars are Dr. Szpara; Dr. Upcraft and **William Farnsworth Barbara K. Wade**, Division of Undergraduate Studies programs coordinator. College of Agriculture: **Donald Sheffield**, special assistant to the dean for undergraduate education; **Stanley J. Nowak Jr.**, assistant professor of Spanish, humanities and social sciences, Allentown Campus; **Albert J. Miles**, assistant professor of English and humanities, and **Stuart I. Abramson**, coordinator, undergraduate advising, Ozontz Campus.

"One goal of the conference was that it serve as a forensic session on freshman seminars for the benefit of the Senate," Dr. Covert said. "The conference also provided some fresh slants on what direction we should go to providing experiences for freshman students."

Among the issues discussed were the idea that freshman

seminars ought to be available to all incoming students; they ought to be experience- and discipline-based, rather than skills-based; and they ought to impart a sense of the purpose of higher education.

"The Freshman Year Program" report states, "Penn State offers (a) rich environment to every person who enrolls. Yet many students are not initially aware of the goals and traditions which underlie our existence... (Many) students enter college with only vague notions of the purposes and goals of undergraduate education, where it is supposed to lead, and what their institutions expect of them."

The committee which prepared the report recommends that freshman seminars incorporate the following components: an introduction to the nature of a university... its history, expectations of a community of scholars... obligations of a university graduate; an introduction to general education; and an introduction to selected scholarly fields of study.

In addition, Dr. Covert noted, the freshman seminar is "an excellent vehicle for delivering cultural diversity."

Mr. Sheffield said, "The freshman seminar ought to put in context the higher education experience freshman are about to embark on. The freshman seminar should let every freshman know there is a scholarly expectation and multicultural development that should take place as they pass through these walls."

Also participating in the conference's final session was **Wendell V. Harris**, professor of English.

Classification consultant selected

The Pittsburgh office of the international consulting firm of William M. Mercer Meidinger Hansen Inc. has been selected to provide support to the University in the classification/evaluation system review project.

The firm's assignment is to design and implement a customized job evaluation and compensation program for the staff exempt, staff nonexempt and clerical classifications at Penn State and to develop communications and training for the new program.

"The Classification/Evaluation System Review Committee reviewed in detail comprehensive proposals from six firms expert in the field of job evaluation and compensation," explained Bill Walsh, chair of the committee. "The selection of Mercer is a unanimous decision on the part of the committee. The material submitted, presentations and professional references suggest that they understand the environment of higher education and understand the climate and needs of Penn State."

According to Billie Willits, assistant vice president for human resources, the Pittsburgh Mercer office offers the University a multidisciplinary approach to the project involving a team of compensation consultants, systems analysts, statistical analysts and communications specialists.

"The committee is impressed with the professionalism and credentials of this group," Mr. Walsh added. "The team that is assigned to our project has successfully completed similar projects for other large, complex organizations, including universities."

The Mercer consultants began work on the project in late October. Their initial activities will be to expand their understanding of the University, its environment and its mission and culture, and to set practical objectives for the project through meetings with key University staff members.

Future issues of the *Intercom* will report on activities of the classification/evaluation system review.

Teaching assistants will attend meeting

The Office of the Vice Provost and Dean for Undergraduate Education and a number of academic departments are supporting the attendance of seven University teaching assistants at the second national conference on the training and employment of teaching assistants Nov. 15-18 at the University of Washington.

The conference, "Preparing the Professoree of Tomorrow for Teaching: Enhancing the TA Experience," aims to raise and address critical issues in the employment and education of TAs, establish a dialogue on TA issues among the multiple actors involved, and develop networks for continuing dialogue and

(Continued on page 3)

Jacqueline Schoch announces plans for her retirement

Jacqueline L. Schoch, campus executive officer at Penn State DuBois Campus, has announced her retirement effective Sept. 30, 1990. At that time, she will have completed 20 years of service to the campus, and with a comparable service record in the DuBois Area School District, 40 years of service in education.

"While that time has been both personally and professionally rewarding for me, I have for some time identified the completion of a new academic building at DuBois as an appropriate time for me to retire from the University," Dr. Schoch said in a letter to Richard E. Grubb, vice president and dean of the Commonwealth Educational System. "As you know, the construction program indicates that the Mary Seibel Building should be completed for occupancy next fall."

"Dr. Schoch is a dedicated administrator who will be missed," Dr. Grubb said. "I am pleased, however, that Penn State will have benefited from her 20 years of service."

The pending completion of The Campaign for Penn State DuBois Campus and the subsequent construction of the new

academic building are the most recent accomplishments in a long line of benchmarks for the campus during Dr. Schoch's tenure as CEO. Other key developments include expansion of academic programs both on-and-off-campus, increased enrollment, staff development, "quality of life" improvements, physical plant renovations, and increased campus visibility in the community.

"I've felt a great deal of satisfaction from knowing many of our outstanding students, and knowing that the work that we've done here has helped to make it possible for those students and future students to challenge themselves, learn and expand their skills, and improve their quality of life," Dr. Schoch said. "That sense of satisfaction - knowing that we've helped our students - is what makes 40 years of experience in education most gratifying."

Dr. Schoch was appointed campus CEO in 1978, following the retirement of now Director Emeritus Donald S. Hiller. Before that, she was associate director of academic affairs at the campus. Prior to joining the Penn State staff in 1970 as assistant director

of resident instruction, Dr. Schoch had served as director of instruction, director of guidance, guidance counselor, dean of girls, and as a history and girls' physical education teacher for the DuBois Area School District. She also taught girls' physics in the Ford City Area Schools.

She earned her bachelor's degree in health, physical education, and recreation from Penn State, then followed with graduate degrees in counselor education and psychology. She earned a certificate from the Harvard University Institute for Educational Management in 1979.

Dr. Schoch, a life member of the Penn State Alumni Association, has served on 14 different committees of the University Faculty Senate and was a member of the Middle States Accreditation Teams for both secondary and post-secondary institutions.

In the community, Dr. Schoch has served as a director and campaign co-chairman for the DuBois Area United Way, a director and scholarship committee chairman for the Rotary Club of DuBois, a director of the Keystone Tall Tree Girl Scout Council, a director of Tressler Lutheran Foundation,



Jacqueline L. Schoch

treasurer of the DuBois Educational Foundation, member of the DuBois Regional Medical Center Development Council, and vice president of the Clearfield County Area Agency on Aging.

Focus on Diversity

Human rights activist Angela Davis slated to speak

Angela Y. Davis, celebrated scholar, lecturer, writer and human rights activist will be the featured speaker during Sexual Assault Awareness/Prevention Week Nov. 12-17, sponsored by the Center for Women Students at University Park.

The presentation is made possible by special funding from the Equal Opportunity Planning Committee to the Center for its Sexual Assault Awareness/Prevention Week and its speaker series "Interactive Discrimination: The Combined Effects of Racism and Sexism." Numerous other university units are joining the Center in co-sponsoring Ms. Davis and the various other activities throughout the week.

The entire week is dedicated to increasing sexual assault awareness for the Penn State community. Patricia Johnstone, assistant director of sexual assault education and counseling at the Center for Women Students, said:

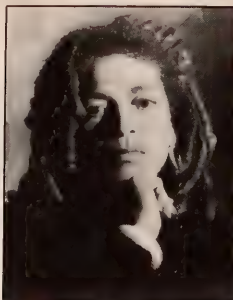
"Sexual assault is an important issue for colleges and universities to focus on because of the extent of the problem on our national campuses. A 1985 study showed that one out of eight women

attending a university will be sexually assaulted during that time. One way to give the issue attention and highlight resources available is to schedule a week of programming such as this," she said.

The Davis lecture, "Violence Against Women," will be held at 8 p.m. Thursday, Nov. 16, in the HUB Ballroom. Additional seating and television monitors will be provided in the adjacent HUB Fishbowl to accommodate the anticipated audience. A faculty-staff response panel and commentary on the lecture will be held from noon to 1 p.m. Friday, Nov. 17, in the HUB Gallery.

In addition to writing numerous essays and works including *Women, Race, and Class* and the bestseller *Angela Davis: An Autobiography*, Ms. Davis teaches philosophy, aesthetics and women's studies at San Francisco State University and San Francisco Art Institute.

Ms. Davis joined the Communist Party U.S.A. in 1968. She received national attention in 1970 when she was placed on the FBI's Ten Most Wanted List and was



Angela Y. Davis

the subject of an investigation and subsequent trial. She was acquitted after national and international protests.

Additional activities during Sexual

Assault Awareness/Prevention week include:

-- A showing of the movie "The Accused" at 3 and 7 p.m. Sunday, Nov. 12, in the HUB Assembly Room. Co-sponsors are the Student Union Board and the Student Counselors.

-- A "Take Back the Night" march will be held at 7 p.m. Monday, Nov. 13, at the steps of Old Main and is sponsored by the Undergraduate Student Government Department of Women's Concerns.

-- The HUB Personal Issues Series program will present a safer living panel presentation at 7 p.m. Tuesday, Nov. 14, in the HUB Fishbowl. Co-sponsors include the USG Department of Safety and the Department of University Safety.

-- A Mock Acquaintance Rape Trial will feature the Hon. David Grine, an assistant district attorney, and a public defender, playing themselves, and students in the roles of victim and alleged rapist at 7:30 p.m. Wednesday, Nov. 15, in the HUB Gallery.

Diversity Calendar

Thursday, Nov. 9

Black, Caucus and Student Union Board, 7:30 p.m., Schwab Auditorium. William Loren Katz on "Blacks and Their Involvement in the Old West and with Native Americans."

Department of Human Development and Family Studies, 8 p.m., HUB Assembly room. Gilbert Herdt, University of Chicago, on "Adolescent Gay and Lesbian Development: Coming Out As a Rite of Passage." Contemporary Scholarship on Lesbian and Gay Lives Series.

Saturday, Nov. 11

Office of Minority Faculty Development, 9:30 a.m. to 12:30 p.m. Room 114 K Kern Graduate Building. Emilia Martinez-Brawley, professor of social work, on "The

Publishing Process." For reservations, call Leah Witig at 863-1603.

Sunday, Nov. 12

Project Growth, 7 p.m., HUB Fishbowl. Free showing of Spike Lee film "School Daze." Discussion of film and the movie "Do The Right Thing," with Project Growth members Dave King and Susan Hertzberg, follow.

Monday, Nov. 13

Women's Studies, 1:30 to 3:30 p.m., 12 Sparks. Third Women's Studies Faculty Advisory Committee meeting. All interested faculty, staff and students are welcome.

Puerto Rican Student Association, 11:30 a.m. to 12:30 p.m., HUB ground floor, information on Puerto Rican Awareness Week activities Nov. 12-18.

Program will examine blacks in science

In 1986, only four blacks in the United States earned Ph.D.s in mathematics. In all fields of science and engineering, fewer than 30 Ph.D.s in that year were awarded to blacks. The reasons blacks are not entering science and the efforts being made to reverse this trend are explored in *Crisis: Who Will Do Science?*, a half-hour documentary airing at 12:30 p.m. Sunday, Nov. 12, on WPSX-TV.

The program, narrated by Novella Nelson, interweaves history, archival film footage, and interviews to explore the barriers that limited the success and recognition of early black scientists and how those obstacles, coupled with new problems, are keeping blacks from

participating in science and engineering today.

Astrophysicist Fang Lizhi, a prominent leader in the Chinese people's struggle for democracy and hero to the Chinese students of Tiananmen Square in Beijing, has been named the winner of the 1989 Robert F. Kennedy Human Rights Award. The award, which honors Professor Fang for speaking out against injustice and tyranny at grave personal risk, will be presented at a Georgetown University ceremony on Nov. 15. The annual ceremony, taped earlier in the evening, will be televised for the first time in a nationwide broadcast airing at 10 p.m.

The Campaign for Penn State

Steimer gift will endow professorship

The University has received a \$250,000 gift from a Warren County couple, Nancy and John T. Steimer of Tidewater, to endow a professorship in the agricultural sciences.

The Steiners are Penn State alumni. Mr. Steimer, who graduated in 1949 with a degree in forestry, is a former forester and retired president of New Kensington-based Industrial Terminal Systems Inc. and Penn Glenn Oil Co.

Rather than specifying a particular area for the professorship, the Steiners asked that College of Agriculture officials identify the area in which the professorship would be most helpful.

Not only does their gift show a real concern for the future of agriculture, but so does the way in which they gave it. Lamarine F. Hood, dean of the college said, "The flexibility the Steiners have given us means that we can use their gift where it is most needed."

"I have no doubt that we will be able to attract an outstanding scientist and educator to the Steimer Professorship."

Income from a faculty endowment typically supports the acquisition of equipment and library materials, scholarly travel, graduate assistants and other activities related to the professor's academic program.

"Nancy and I hope that this professorship will call more public attention to how important agriculture is to all of us," Mr. Steimer said. "Students might think careers in other fields are more glamorous, but

none are more important -- we've all got to eat. It's important for agriculture to be able to attract the best students as well as the best teachers."

He said that another consideration in making the gift was the quality of the natural environment.

"Whether it's farming or forestry or other use of the land, agriculture plays a big role in shaping our environment. So we look at the professorship as an investment in helping to make sure Pennsylvania has a clean, safe and productive environment."

Mr. Steimer worked as a forester for the Pennsylvania Department of Highways for five years after graduating from Penn State. In 1955, he joined Penn Glenn Oil Co. and later founded Industrial Terminal Systems, a contract packager of petroleum products and chemicals.

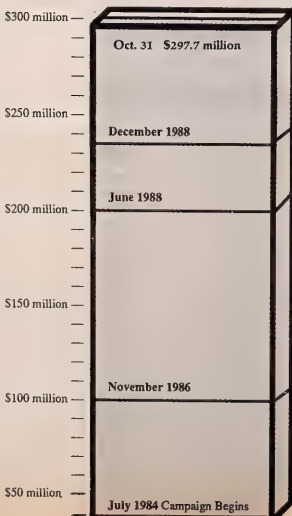
Two years ago, the Steiners gave \$100,000 to endow undergraduate scholarships in the School of Forest Resources.

The Steiners' support is part of The Campaign for Penn State, a six-year effort to raise \$300 million in private gifts for academic programs.

Carpooler

Melissa would like to carpool from Continental Courts to University Park. Work hours are 8 a.m. to 5 p.m. Call 865-4523.

CAMPAIGN FOR PENN STATE Progress Toward \$300 Million Goal



Press director is implementing new editorial policy

The days of university press editors sitting in their offices waiting for manuscripts are gone. **Sanford G. Thatcher** says.

"Twenty years ago, the overall approach was more passive. Today, university presses are much more aggressive editorially. Acquiring editors frequently travel to campuses to find out about manuscripts in their early stages, to woo authors and to cultivate relationships," he says.

In the last dozen years, university presses have undergone considerable changes. They have become more sophisticated publishers as competition among presses has increased and declining sales of the traditional monograph have forced them to diversify their lists and operate more efficiently. They are paying more attention now, he says, to reducing expenses, incorporating new technology and expanding marketing approaches.

People moving from commercial publishing to university presses also are having an impact, as they bring their commercial publishing experiences and practices to university presses.

Among the more noticeable changes is the increased interest presses are taking in academic trade books that appeal to wider audiences, as commercial publishers, owing to mergers that have intensified demands for higher profit margins, move away from publishing mid-list books.

"These serious nonfiction books have a market, but are not very profitable, relatively speaking, for commercial publishers," Mr. Thatcher notes. "For university presses, however, they are best sellers."

Since arriving at Penn State in June, he has begun implementing a new editorial policy for the Press. He is placing increased emphasis on building the Press' list in history and the social sciences, while consolidating its strength in the humanities and moving away from



Sanford G. Thatcher

publishing books in the sciences.

In the field of science publishing, he says, it is difficult for a press of Penn State's size to compete with commercial publishers, who can offer substantial advances and very

fast production schedules, as well as afford the expensive marketing science books require.

Instead of publishing books in science, he hopes the Press will be able to do some books about science — e.g., on science policy — and in that way reflect the University's strengths in this area.

"What attracted me to the Press was its ability to build a good reputation nationally in the fields where it has concentrated its efforts: literature, art history and religious studies. That is an impressive accomplishment for a press of this size," he says.

Penn State Press publishes 30 to 35 books a year, as well as seven journals, including its newest acquisition — the *Journal of Policy History*.

With additional staff (one acquiring editor and two marketing specialists), he feels the Press should be able within a few years to increase its annual output to 50 titles.

A previously editor-in-chief of Princeton University Press, where he worked for 22 years, Mr. Thatcher will be acquiring titles in philosophy himself in order to extend Penn State's humanities list. The Press already publishes two philosophy journals — *Philosophy and Rhetoric* and *Journal of Speculative Philosophy* — edited by University faculty.

The Press will continue to publish its art history series (for the American Academy in Rome and College Art Association of America) and books with regional interest, particularly those that relate to the Press' scholarly list.

Over the years, the Press has received individual grants and awards for its books, including several Choice Outstanding Academic Book awards, the 1977 Daria Borghese Prize of Rome, the Academy of American Poets' Landon Award for poetic translation and the Contender International des Negotians en Oeuvres d'Art prize.

In December, the Press will move from Wagner Building, to new offices at 820 N. University Drive.

Bookshelf

Thomas W. Benson, professor of speech communication, is co-author with Carolyn Anderson, of the University of Massachusetts, of *Roddy Films: The Films of Fredrick Wiseman*, published by Southern Illinois University Press.

The book is a critical analysis of the films of America's foremost living documentary filmmaker with a history of the production and reception of the films. Mr. Wiseman, a lawyer, began his film career with "Tittut Follies," a documentary revealing conditions at Massachusetts Correctional Institution at Bridgewater, a prison-hospital for the criminally insane.

He has produced a series of

documentaries shown on public television, most recently "Deaf and Blind and Missile." Among the films receiving detailed critical appraisal in the book are "Tittut Follies," "High School," "Basic Training," *Essence*, *Juvenile Court*, *Primate*, *Welfare*, *Canal Zone*, and *The Store*."

Ronald R. Keiper, professor of zoology at Penn State Mont Alto Campus, is the author of *Windy of Chincoteague*, a non-fiction sequel to Marguerite Henry's famed novel, *Mists of Chincoteague*.

Dr. Keiper is internationally known for his 15-year studies of the ponies of Assateague Island. Those studies were instrumental in the development of the National Park Service's current successful management program for the ponies.

In his new book, Dr. Keiper chronicles the activities of the actual ponies that were the models for Henry's story and for 20th Century Fox's 1961 motion picture. The book also includes photos of the horses and some of the people who were or are important in their lives.

The book was published this summer by Village Printing, Marion, Pa. Dr. Keiper also is the author of two other books, *The Island Ponies*, a book for junior readers and *The Assateague Ponies*, as well as numerous scientific articles in scholarly journals.

Adam J. Sorkin, associate professor of English at the Delaware County Campus, is the editor of *Politics and the Minor: Studies in the Politics of Recent American Literature*, published by the Bowling Green State University Popular Press.

The 241-page volume contains 14 new essays written by scholars from major universities and colleges on various aspects of modern understanding of the relations between literature and politics, focusing on American writing since World War II.

The book contains two studies written by Dr. Sorkin, the first composed for the

collection "The essays are: 'Politics and the Muse: Voices and Visions at the Crossroads,' the book's introduction, and 'The Envy of Any Novelist,' Senator Joe McCarthy in American Fiction," a scholarly essay on one of the most controversial figures to appear in American political life and the pages of American fiction.

Paul Orlov, assistant professor of English at the Delaware County Campus, also has an essay in the book. It is titled "A Fiction of Politically Fantastic Facts: Robert Coover's *The Public Burning*."

Promotions

Technical Service

Helene L. Steele, to dining hall worker A in Housing and Food Services.

Peter Swiderski, to maintenance worker, general B at Berks Campus.

Charles Trimble Jr., to food preparer B in Housing and Food Services.

Donald A. Weaver, to residence hall utility worker in Housing and Food Services.

Rosanna M. Zerphney, to utility worker at Hershey.

Obituaries

James J. Canelos, senior research associate and director of the Instructional Development Program in the College of Engineering, died Oct. 24. He was 42.

Dr. Canelos did his undergraduate and master's degree work at Clarion State College and earned a Ph.D. from Penn State, where he also did postgraduate study.

He was employed in the College of Engineering since 1981. He conducted workshops in teaching for new faculty and graduate student teaching assistants and provided specialized assistance to faculty members for course and instructional improvement. He also was appointed affiliate assistant professor of education at Penn State.

During his career, he also was employed by the Ohio State University and Penn State Harrisburg. He was the author of numerous publications and a member of the American Educational Research Association, the Association for Educational Communications and Technology, Phi Delta Kappa, and the National Society for Performance and Instruction. He was the 1980 winner of the Phi Delta Kappa Young Researcher Award.

Dorothy L. Anderson, technical editor and publications manager, College of Engineering, from Sept. 16, 1957, until her retirement Sept. 1, 1973, died Feb. 15. She was 77.

Debra K. Peters, computer operator, Computer and Informations Systems, from Jan. 3, 1983, until her retirement on disability Oct. 1, 1988, died Oct. 19 at the age of 36.

David D. Weiser, clerk, Housing, Housing and Food Services, from Feb. 1, 1948, until his retirement March 9, 1961, died Oct. 24 at the age of 94.

Teaching assistants

(Continued from page 1)
resource sharing on TAs.

Penn State TAs attending the conference are **Kathryn Aiken**, Psychology; **Lloyd Dell**, Agricultural and Extension Education; **Edward Div**, Biology; **Andy Jenkins**, Health Education; **Kenneth Mash**, Political Science; **Christiane Schenfeld**, German; and **Glen Storey**, Anthropology.

The TAs were chosen from a pool of applicants whose completed applications were reviewed by Instructional Development Program personnel, the Graduate Student Association, and faculty representatives.

Carpooler

Elizabeth is looking for a ride from the Ninth Street area of Phillipsburg to University Park. She works from 6:30 a.m. to 3 p.m. and can be reached at 342-2478 after 4 p.m.

Photo: Dave Shilly



Brian Lamb, chairman and chief executive officer of C-SPAN, at left, presents a signed copy of the book, *C-SPAN: America's Town Hall*, to E. Stratford Smith, professor of communications, during a visit to National Cable Television Center and Museum. Mr. Lamb was recognized for his contributions to the Center and Museum and was a special guest of the University during the PENNARAMA Academy and annual meeting.

Focus on the arts

HUB exhibit

"The Art Alliance of Central Pennsylvania Open Juried Regional Show" is on display in the Formal Gallery of the Hetzel Union Building at University Park from noon to 5 p.m. daily until Dec. 1.

The works juried by Peter Jogo, a free lance painter and printmaker currently residing in State College, and David B. Van Dommelen, professor emeritus of art education and fibre artist, confront the stereotype often associated with community art and give the viewer a brilliant display.

The public is invited to a reception and awards ceremony for the artists from 7 to 9:30 p.m. Friday, Dec. 1.

Kern exhibit

An exhibit of watercolors by Dot Grebos is on display in the Kern Graduate Building Galleries at University Park through Nov. 16. "Having devoted most of my life to music and the interpretation of compositions written for piano," the artist says, "I now find myself immersed in the visual arts as well."

"As a musician I plan to continue my studio teaching, and as a painter I am interested in portraying the rhythms and forms of our natural world in as many innovative and exciting ways as possible."

The arts on Channel 3

Nigel Hawthorne stars in a new production of Alan Ayckbourn's classic 1967 farce, "Relatively Speaking," at 9 p.m. Friday, Nov. 10, on *Great Performances* on WPSX-TV. One of the earliest works by the British playwright often referred to as the English Neil Simon, the intricately constructed tale of adultery and utter, hopeless confusion is directed by Michael Simon and offers a definitive look at delightful English silliness.

The colorful, controversial life of Missouri artist Thomas Hart Benton is dramatically captured in *Thomas Hart Benton*, a 90-minute film biography premiering at 1 p.m. Sunday, Nov. 12. Filmmaker/historian Ken Burns has created a film portrait that crackles with the energy of the maverick painter whose work exploded in realistic murals of America.

At the height of his career he was more popular than Charlie Chaplin and Buster Keaton, yet today his rivals' names are widely remembered while his own is hardly recognized. Harold Lloyd, called the "King of Daredevil Comedy," made his name during the peak of silent film when he was one of the highest paid stars of the 1920s. The first of the two-part "Harold Lloyd: The Third Genius" airs at 9 p.m. Wednesday, Nov. 15, on *American Masters*.

'A Choral Travelogue'

The Penn State Concert Choir and Chamber Singers will present "A Choral Travelogue" concert of multi-national and folk music at 8 p.m. Friday, Nov. 10, in the Recital Hall of the Music Building at University Park.

The Concert Choir program will include works by Canadian composer, Healey Willan; English composers, Vaughan Williams and Britten; German/Austrian composers, Schütz, Bach, Mendelssohn and Bruckner; French composer, Durufle; American composers, Copeland, Barber and Johnson; and a motet by the Italian Palestrina. Folk selections will include Irish, Scottish and American works.

The Chamber Singers, 10 singers within the 72-member Concert Choir, also will present several international pieces, including English madrigals, an Italian balletto and German settings by two Renaissance composers.

Dr. Douglas Miller, faculty member and director of choral studies in the School of Music, is the director of the Concert Choir and Chambers Singers. Alex Hill serves as

the assistant director, and Lynn Stettler is the Concert Choir's accompanist.

Pianist to perform

Vladimir Feltsman, one of this generation's finest concert pianists, will perform a program of Bach, Mozart and Liszt at 8 p.m. Saturday, Nov. 11, in Eisenhower Auditorium at University Park.

An instant celebrity, Mr. Feltsman gave his first American recital in the White House and then played a sold-out concert at Carnegie Hall where he displayed his stylistic versatility with works by Messiaen, Schubert and Schumann.

Before the concert, the audience is invited to a lecture at 7 p.m. in the Greenroom of Eisenhower Auditorium. Timothy Shafer, assistant professor of music, will discuss the specific pieces that Mr. Feltsman will be playing that evening.

Tickets are available at the Eisenhower Auditorium Ticket office, weekdays from 9 a.m. to 4 p.m. and at the Playhouse Box Office, Tuesday to Friday 11:30 a.m. to 5:30 p.m.

Contra dances

The Country Dance Society of Central Pennsylvania and the Penn State Folklore Society host contra and square dances, with live music, the second Saturday of the month at Radio Park Elementary School, State College. There is dancing from 8:30 to 11 p.m., with free instruction for beginners at 8 p.m. Admission is \$4.

On Saturday, Nov. 11, Dick Cole will call a New England-style Contra Dance. Live music will be provided by Dr. Twamley's Audio Snakes. Beginners are welcome and no partner is needed.

Museum performance

The Robertson/Meyers Duo, flutist Hugh Robertson and lutenist Karen Meyers, will perform at 2:30 p.m. Sunday, Nov. 12, at the Palmer Museum of Art at University Park as part of the Historical Musical Instruments Performance Series.

Mr. Robertson and Ms. Meyers have adopted vocal selections, such as madrigals, chansons, motets and mass movements, to their own instrumental duo. Their arrangements of ballad and country dance tunes try to replicate the way courtly musicians of the 17th century would have performed the music.

Ms. Meyers, on the faculties of



'Up Mt. Nittany Ave.,' a pen and ink drawing by Becky Maat, is on display in the HUB Galleries.

Swarthmore College and Temple University, has appeared as a guest artist with many American historical music groups. She also has been lutenist to the American Shakespeare Festival in Stratford, Conn.

Mr. Robertson, a former member of the critically acclaimed New York vocal ensemble Capella Nova, was musician-in-residence at North Carolina State University from 1983-85. Currently, he is the visiting artist for the North Carolina Arts Council at Wayne Community College, Goldsboro.

'Autumn Voices'

The State College Choral Society and Nittany Valley Symphony will present "Autumn Voices" at 8 p.m. Nov. 13 in Eisenhower Auditorium at University Park.

Featuring works by Beethoven, Monteverdi and Verdi, this first-ever joint concert will offer solos by Carol Yahr and the Choral Society Madrigal Singers. Music director for the Choral Society is D. Douglas Miller and principal conductor for the Symphony is Barbara Yahr.

Tickets will be \$6 general admission, \$4 senior citizens and students, and will be available at the North Box Office of Eisenhower Auditorium, The Art Works, 103 S. Allen St., and at the door the night of the concert. No telephone orders, please.

Archaeology lecture

"Islamic Art and Medieval Italy" is the subject of a lecture by David Whitehouse, deputy director of the Corning Museum of Glass, at 8 p.m. Monday, Nov. 13, in 101 Kern Graduate Center at University Park.

The lecture presents an overview of Islamic elements in Italian art and architecture, mainly between the 12th and 14th centuries. The presentation is illustrated with slides of architecture, mosaics, stone and wooden carvings, bronzes and manuscripts.

Dr. Whitehouse holds B.A., M.A. and Ph.D. degrees from Cambridge University. Before coming to the Corning Museum of Glass in 1984, he was director of the British School at Rome and of the British Institute of Afghan Studies, as well as Wainwright fellow in Near Eastern archaeology at Oxford University. He has directed excavations in England, Italy, Iran, Afghanistan and elsewhere and is the author of more than 200 books, articles and reviews.

The lecture is sponsored by the Central Pennsylvania Society of the Archaeological Institute of America and is co-sponsored by the Institute for the Arts and Humanistic Studies and the colleges of Arts and Architecture and Liberal Arts. It is free and open to the public.

Bracken Lecture

Chester Rapkin, professor emeritus, School of Architecture at Princeton University, will present the lecture "The Future of Planning in the United States" at 8 p.m. Tuesday, Nov. 14, in 129 Wang Common at University Park. The lecture is the second in the 1989-90 Bracken Lecture Series, sponsored by the Department of Landscape Architecture.

Dr. Rapkin has written and contributed to numerous articles and technical papers and is the author of six books. He received his B.S. at C.C.N.Y. and his Ph.D. from Columbia University. He has taught at Columbia University, The Wharton School of the University of Pennsylvania and Princeton University.

Odyssey on WPSU

Hanoch Levin is an Israeli playwright both admired and disliked in Israel. On the next "Odyssey Through Literature" broadcast, Hebrew instructor Erella Brown introduces host Leonard Rubinstein to Levin's work and explains why he plays both attract and repel audiences.

Levin started his career in 1968 with a harsh satire against the 1967 war, and he has continued shocking his audiences and forcing them to see their world in a different light.

"But the shocking effect is not his ultimate goal," notes Mr. Rubinstein. "He wants the residue of the idea to remain after the shock is over."

Ms. Brown compares him to the great satirist Jonathan Swift. "He's very funny," she adds, "but it's not Jewish humor, it's Swiftian. Very whipping. What he has to say to the Israeli people is extremely important."

"Odyssey Through Literature" is produced by the Comparative Literature Department and airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Film to be shown

The film *El Norte* will be shown at 7 p.m. Wednesday, Nov. 15, at the Palmer Museum of Art at University Park.

The film traces the escape of a brother and sister from their Guatemalan village following the murder of their parents. The hardships endured by the siblings on their way towards the Mexican-American border complements the current exhibition at the Museum, "James Drake, The Border/La Frontera."

The film is in Spanish with English subtitles. The showing is free and open to the public.

Jazz bands

The Inner Dimensions Jazz Orchestra and the Outer Dimensions Jazz Orchestra, Penn State's second and third jazz bands from the School of Music, will present a concert of contemporary big band jazz at 8 p.m. Wednesday, Nov. 15, in the Recital Hall of the Music Building at University Park.

Jeffrey Kunkel, graduate teaching assistant in the jazz program in the School of Music, directs both orchestras. The concert will open with Outer Dimensions, which will perform works by Sammy Nestic and John Fedchock, as well as arrangements of standards such as "How High the Moon." Solists for Outer Dimensions will include Stafford Hunter on trombone, Lee Anne Burns on alto sax, and "Swinging Henry" Wetzel on bass.

The second half of the concert will feature Inner Dimensions, performing works selected from professional bands.

(Continued on page 7)

University Park Calendar

November 9— November 19 Special Events

Thursday, November 9

School of Music, Bach's Lunch, 12:10 p.m., Eisenhower Chapel. Penn State Trumpet Ensemble.

Women's Studies, 8 p.m., HUB Assembly Room. Gilbert Herdt, Univ. of Chicago, on "Adolescent Gay and Lesbian Development: Coming Out As a Rite of Passage."

Friday, November 10

Friends of the Palmer Museum of Art, conference, Clay in the East V: Black and White in Clay, Also Nov. 11.

Geog. Coffee Hour, 4 p.m., 319 Walker. Anthony Brazel, Arizona State, on "The Effect of Urbanization on the Desert Climate of Phoenix."

School of Music, 8 p.m., Recital Hall. Penn State Concert Choir Chamber Singers.

Saturday, November 11

Shaver's Creek, 2-4 p.m., Making Herbal Soap. Call 863-2000.

Center for the Performing Arts, 8 p.m., Eisenhower Aud., Vladimir Feltman, pianist.

Sunday, November 12

Shaver's Creek, 2-4 p.m., Natural Cleansing With Herbs. Call 863-2000.

Friends of the Palmer Museum of Art, 2:30 p.m., Palmer Museum of Art.

Historical musical instruments performance, Robertson/Meyers Duo.

Carnegie Hall Film Series, 7 p.m., 4 Carnegie. *La Souffriere, La Jette, Backyard, Night Drum* (1958), 9 p.m. Free.

Monday, November 13

Comp. Lit. Luncheon, 12:15 p.m., 101 Kern. Marjorie Keune on "Designing the Humanities for the 21st Century."

Women's Studies, 1:30-3:30 p.m., 12 Sparks. 3rd Women's Studies Faculty/Advisory Committee meeting. All interested faculty and students are welcome.

Office of Religious Affairs, Ethics in America, videotape presentation and discussion, 3 p.m., Eisenhower Chapel, Memorial Lounge. "Anatomy of a Corporate Takeover" -- Business Ethics and Distributive Justice.

State College Choral Society and Nittany Valley Symphony, *Autumn Voices*, 8 p.m., Eisenhower Aud.

Archaeological lecture, 8 p.m., 101 Kern. David Whitehouse, Coming Museum of Glass, on "Islamic Art and Medieval Italy."

Tuesday, November 14

John R. Bracken Lecture Series, 8 p.m., 112 Walker. Chester Rapkin, Princeton Univ., on "Future Planning in the United States."

Wednesday, November 15

Late drop deadline. Penn State Chapter of Educational Office Personnel, 12:15 p.m., 110 Henderson. Maurine Claver on "Video Dismay" Terminals.

Friends of the Palmer Museum of Art, film, *El Niño*, 7:20 p.m., Palmer Museum of Art. School of Music, 8 p.m., Recital Hall, Jazz II and III.

Thursday, November 16

Trustees meet at University Park through Nov. 17.

Brown Bag Lunch/Lecture, 12:10-12:50 p.m., Palmer Museum of Art. Robert E. Lougy on "Charles Dickens: His Life and Art."

Bach's Lunch, 12:10 p.m., Eisenhower Chapel. Penn State Mallet Ensemble.

Center for Women Studies, lecture, 8 p.m., HUB Ballroom. Angela Y. Davis on "Violence Against Women." Lecture commentary and response panel, noon-1 p.m. Oct. 17, HUB Gallery.

Friday, November 17

Geog. Coffee Hour, 4 p.m., 319 Walker. Mary Manning on "Pulse and Metrics: Communications Technologies and Their Impact on the City."

Center for the Performing Arts, lecture, 5 p.m., Women's Studies Lounge, 12 Sparks. Members of the Colorado String Quartet will present lecture prior to their 8 p.m. performance.

Shaver's Creek, 7-8:30 p.m., Moonlit Hayride. Also Nov. 18. Call 863-2000.

Center for the Performing Arts, 8 p.m., Schwab Aud. Colorado String Quartet.

School of Music, 8 p.m., Eisenhower Aud. Bandorama.

Saturday, November 18

Shaver's Creek, A.L.A.R.M.I. The Monitoring continues, 10:11-30 a.m. Call 863-2000.



"Pedeasted Vase Form" by Edward Eberle is on display in the Palmer Museum of Art in conjunction with the ceramics conference, "Black and White in Clay."

Sunday, November 19

Shaver's Creek, 2-4 p.m., Raptor Facts. Call 863-2000.

Carnegie Hall Film Series, 7 p.m., *Battle of San Pablo/The War Game*, 8:45 p.m., *The Sun's Burial* (1960), 4 Carnegie. Free.

School of Music, 8 p.m., Recital Hall. Opera workshop.

Nov. 16-17, Pennsylvania Blasting Conference. L

Barry Phelps, associate professor of mining engineering, chair; Chuck Herd, coordinator.

Nov. 16. Allegheny Educational Broadcast Council. Marlene Temeles, program and utility coordinator, chair; Eric Loop, coordinator.

Nov. 16-17, Research Center meeting. Jack Sinclair, coordinator.

Executive Programs

Nov. 27-Dec. 7, Management Program for Natural Resource Managers, academic program director. Dr. Steven L. Wartick, associate professor of business administration and director, Center for Issues Management Research.

Seminars

Thursday, November 9

Whitfield Lecture, 3:30 p.m., SS Osmond Lab. Gordon Baym, Univ. of Illinois, on "Ultraviolet-Induced Heavy Ion Collisions and Possible New States of Matter."

Sigma Xi, 4 p.m., Kern Aud. Charles R. Hestler Jr. on "Scientific Integrity in a Negotiating Society."

Ecology, 4 p.m., 111 Wartick. Richard H. Yahner on "An Experimental Approach to Determining Factors Affecting Avian Nesting Success in Fragmented Landscapes."

Friday, November 10

Kappe Environmental Engineering Seminar Series, 3:35-5 p.m., 127 Sackett. Ananda M. Chakravarty, Univ. of Illinois, Chicago, on "Directed Evolution: Microbial Degradation of Synthetic Chlorinated Compounds."

Agromony, 3:35 p.m., 111 Tyson. James Kinry on "Carbon Balance During Grain Filling in Corn and Sorghum Under Stress."

Monday, November 13

Entomology, 3:45 p.m., 204 Patterson. Ronald Hellenbach, Univ. of Notre Dame, on "Rats (Actually Copepods), Lice, and Mystery: Biological Indicators in Systematics and Ecology."

Physics EFF, 4 p.m., 339 Davey Lab. T. Appelquist, Yale Univ., on "Technicolor and Fermion Masses."

Tuesday, November 14

Gerontology Colloquia, noon-1 p.m., 101 Health and Human Development East. Steven Long, executive director, Prescription Drug Payment Review Commission, on "The Unraveling of the Catastrophic Care Coverage Act."

Chemistry Colloquium, 3:30 p.m., SS Osmond Lab. Jonathan King, Massachusetts Institute of Technology, on "Protein Folding in *Vibrio*."

Biology, 4 p.m., 8 Mueller Lab. Fred Allendorf, National Science Foundation.

History Colloquium, 4 p.m., Memorial Lounge, Eisenhower Chapel. George Enten on "Soviet Historical Studies in the Light of Glasnost." Physics CAMP, 4 p.m., 339 Davey Lab. M. Schleinger on "Fractal Time in Condensed Matter Physics."

Wednesday, November 15

Medieval Studies Colloquium, 4 p.m., Memorial Lounge, Eisenhower Chapel. Jeanne Krochals on "The Miraculous Adventures of the Hand of St. James."

Thursday, November 16

Physics Colloquium, 3:30 p.m., SS Osmond Lab. Sidney Nagel, Univ. of Chicago, on "Relaxation at the Angle of Repose - Studies of Flowing Sand."

Ecology, 4 p.m., 111 Wartick. Marc Mangel, Univ. of Calif.-Davis, on "Conservation and Southern Ocean Krill: Biological, Ecological, and Operational Aspects."

Spatial and Temporal Signal Processing Center Seminar, 8 p.m., 225 Electrical Engineering West Mitchell Eggers on "Neural Network Activity at MIT Lincoln Laboratory."

Friday, November 17

Physics CAMP, 11 a.m., 339 Davey Lab. S. Nagel, Chicago, on "The Glass Transition."

Ag Economics and Rural Sociology, 3:30 p.m., 212 Eisenhower Chapel. Marc Mangel, Univ. of Calif., on "Perspectives on Dynamic Modeling."

Agromony, 3:35 p.m., 111 Tyson. Karen Simmons on "Nitrogen Management for Water Quality in Southeastern Pennsylvania."

Exhibits

Chambers Gallery

Art Student League Juned Exhibition, through Dec. 1.

HUB Galleries

Art Alley Cases: C. Rae Bradley, Rachis Creations, through Dec. 8.

Art Alley Panels: Iconographic History of the French Revolution: 20th Centuries of America and Symbols of the Republic, through Dec. 8.

Browsing Gallery

1st Reunion in the Homoclinic Orbit -- when the sign of the morning pixels permeate through my window in the afternoon by Derchyan Lin, Nov. 13-Dec. 8.

Formal Gallery

All Alliance of Central Pennsylvania Open Juried Regional Show, through Dec. 1.

Kern Galleries

College of Health and Human Development Research Exhibition, through Nov. 30. The French Revolution Machine, through Feb./4.

Palmer Museum of Art

Ceramics from Penn State Collections, through Nov. 19.

Festival of Trees, Nov. 18-Dec. 10.

Pattee Library

East Corridor Gallery: Jorane Rath, Simplification of Form, through Nov. 17.

Leading Services

Bill Hosterman, wildlife paintings, through Nov. 27.

Rare Books Room

Three Poems by John Balaan, with illustrations by Jerald Maddox, through Nov. 28.

Dorothy Roberts, Recent Poems, through Nov. 28.

Zoller Gallery

Clay in the East, through Nov. 11. James Drake, The Borderline Frontera, through Jan. 21.

School of Visual Arts Faculty Exhibition, Nov. 19-Dec. 2.

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in front of the telephone directories. Other messages are Weather-234; Arts Line-345; University Calendar-456.

Carpooler

Cathy needs one more rider to carpool from the Altoona/Bellwood intersection Route 220 or Tyrone to University Park. Work hours are 8 a.m. to 5 p.m. Call 943-6812 after 6 p.m. or 865-6556 and leave your name and number.

Penn Staters

Jesse L. Barlow, associate professor of computer science, gave two invited talks at the University of Naples' Center for Scientific Computation, Italy. Dr. Barlow also presented a paper at the 13th Biennial Meeting on Numerical Analysis in Dundee, Scotland, where he chaired a session of the meeting.

Mary Jo Cook assisted to the regional director, Central Penn State Cooperative Extension, has received the Search for Professional Excellence Award from the National Association of County Agricultural Agents Association for work she has done with the professional staff in the development of committees to develop quality educational programs in cooperative extension.

Robert C. Doyle, instructor in the American Studies Program, conducted guest lectures at Monash University, the University of Melbourne, Warrnambool Institute of Advanced Studies and Macquarie University in Australia.

Gideon Golany, research professor of urban design/planning, has been honored by two Chinese universities. Tongji University named Dr. Golany an honorary advisory professor. Xian Institute of Metallurgy and Construction Engineering named him an honorary professor.

Donald Kunze, assistant professor of architecture, presented a paper titled "Kynal Utopia: Architectural Machines as Enlightenment Critique" at the Third International Symposium on Utopian Studies, held in Rome, Caserta, and Reggio Calabria, Italy.

Robert E. Newham, Alcoa professor of solid state science, described the latest

advances in "Integrated Electroceramics" at the Thirty-Second Congress of the International Union of Pure and Applied Chemistry in Stockholm, Sweden.

Della M. Roy, professor of materials science at the Materials Research Laboratory, received the Canada Centre for Mineral and Energy Technology (CANMET)/American Cement Institute Award for "outstanding contributions to the fundamental knowledge of controlled blast-furnace slag as a material and its use in portland cement concrete."

Karl E. Spear, professor of ceramic science, spoke on "High Temperature Chemistry of High Performance Materials" at the Thirty-Second Congress of the International Union of Pure and Applied Chemistry in Stockholm, Sweden.

Gary S. Settles, professor of mechanical engineering and director of the Gas Dynamics Laboratory, spoke on "Holographic Interferometry of Swept Shock-Boundary Layer Interactions" at the 5th International Symposium on Flow Visualization, in Prague, Czechoslovakia.

Chuck Cave, assistant professor of art in the School of Visual Arts, has had pieces of his work selected for the Fifteenth Anniversary Exhibition of the Center for Book Arts in New York and the show "Books and Bookends: Sculptural Approaches" in Maryland.

J.L. Duda, professor and head of chemical Engineering, and **James S. Vrentas**, Dow professor of chemical engineering, have received the Charles M.S. Stine Materials Engineering and

Sciences Award of the American Institute of Chemical Engineers in recognition of their description of molecular diffusion in polymeric materials using the free volume theory and the Deborah number concept.

Gary N. Knoppers, assistant professor of religious studies, received a grant from the National Endowment for the Humanities to attend an eight-week seminar at the University of North Carolina at Chapel Hill on "History Writing in Ancient Greece. The Near East, and Israel: A Comparative Study."

Moylan C. Mills, associate professor of English, humanities, and the arts and director of academic affairs, and **Enrique Gronlund**, instructor in Spanish, both at Penn State Ogontz Campus, presented an invited paper, "Order vs Progress: Social Revolution in Two Works by Jorge Amado and Bruno Barreto—Donna Flor and Gabriela," at the International Conference on Literature, War, and Revolution at the University of Auckland in Auckland, New Zealand.

Robert F. Wideman Jr., associate professor of poultry science, has received the Poultry Science Association Research Award for 1989. The award is given annually to a scientist under 40 years of age who has published outstanding research in the last year.

Kenneth K. Kuo, distinguished alumni professor of mechanical engineering, presented an invited short course on "Solid Propellant Ignition" at the Ernest Mach Institute in West Germany.

Harvey B. Manbeck, professor of agricultural engineering, graduate student Bradley W. Wright and

Michigan Technical University faculty member Steven M. Shaler received an honorable mention for an American Society of Agricultural Engineers publication on "Performance of Glue-Laminated Preservative-Treated Columns" researched with Bradley W. Wright, a student, and Steven M. Shaler of Michigan Technical University.

Richard E. Tressler, director of the Center for Advanced Materials, presented findings of a study, "Fundamental Studies of the Oxidation of Silicon Carbide Crystals and CVD Silicon Nitride," at an international colloquium on high-temperature corrosion of ceramics in the Netherlands.

J. Madison Davis, associate professor of English composition, Penn State Erie, The Behrend College, participated in multilingual panels on "Why We Write Mysteries" and "Is Raymond Chandler Dead?" at the Semana Negra (Mystery Week) meeting held in Gijón, Spain. He was one of 50 authors invited to the celebration of the mystery.

Amir Khalilollahi, assistant professor of mechanical engineering, Penn State Erie, The Behrend College, presented a paper on "Transient Combined Free and Forced Convection Over Two In-Line Isothermal Rectangular Fins" at the 4th International Conference on Computational Methods and Experimental Measurements held in Capri, Italy.

Gary H. Koopman, professor of mechanical engineering, has been elected chairman of the Noise Control and Acoustics Division (NCAD) of the American Society of Mechanical Engineers (ASME).

News in Brief

Blood donor challenge

Now is the time to cast a very special vote for Penn State with your blood donation at University Park through Nov. 21 during the Seventh Annual Pitt-Penn State Blood Donor Challenge.

More than 400 University of Pittsburgh faculty and staff already have committed to donating blood. With your help, the American Red Cross will be able to replenish the community blood supply for the holidays, and regain the "title" from Pitt for the most blood collected.

You can donate at the following: Tuesday, Nov. 14, Pollock Union, 1 to 7 p.m.; Wednesday, Nov. 15, Warnock Union, 1 to 7 p.m.; Thursday, Nov. 16, Atherton Hall, 1 to 7 p.m.; Monday, Nov. 20, HUB, 10 a.m. to 6 p.m.; Tuesday, Nov. 21, HUB, 10 a.m. to 4 p.m.

Naturalization study materials

The State College Area School District Community Education provides free instruction and study packets for adults planning to become citizens of the United States.

The materials, which present the requirements for naturalization and examples of test questions, are available at the following offices: State College Area School District Community Education, Room 116, 411 S. Fraser St., Foreign Nationals Employment Services, Room 210, 120 S. Burrows St., Schlow Memorial Library, Reference Desk (second floor), 100 E. Beaver Ave., all in State College, and Centre County Prothonotary, Courthouse, Bellefonte.

Women sought for study

The Penn State Caring Project, centered in the Department of Human Development and Family Studies, has interviewed local women taking care of an elderly parent or parent-in-law in the home. More participants are being sought for interviews.

The purpose of the study is to learn about the daily experiences of women who are caring for an older person with physical or both physical and cognitive limitations. Participants will be interviewed confidentially in their home and asked to complete an activity diary for a week. Individuals will be paid for participating.

For further information, call Constance Jones at (814) 863-0241.

Academic computing meeting

For purposes of strategic planning for academic computing, an open meeting will be held with members of the Faculty Advisory Committee on Academic Computing and interested University faculty and staff at 4 p.m. Monday, Nov. 13, in Room 141 Computer Building at University Park.

The purpose of the meeting will be to solicit recommendations as to the future direction of academic computing at Penn State.

Sigma Xi seminar

Sigma Xi, The Scientific Research Society, will host a seminar titled "U.S. Voyager Missions to Jupiter, Saturn, Uranus and Neptune" at 4 p.m. Tuesday, Nov. 14, in Room 115 Electrical Engineering West at University Park. The seminar will be presented by

Norman F. Ness, president of the Bartol Research Institute.

Teleseminar scheduled

The Biotechnology Institute and Bioprocessing Resource Center will co-sponsor a teleseminar "Bioresearch Tools for the 1990s" with Millipore, from 12:30 to 4 p.m. Tuesday, Nov. 14, in 211 Keller at University Park.

The seminar will cover emerging research technologies and applications in bioresearch and is expected to have approximately 2,000 participants. Formal presentations, pre-taped animated segments and question and answer periods will be included in the seminar. Question sessions will be via live audio hookups. There will be no video from the receiving sites to the main studio.

Educational Office Personnel

Maurine Claver, manager of environmental health and safety, will discuss "Video Display Terminals" at a meeting of the Penn State Chapter of Educational Office Personnel at 12:15 p.m. Wednesday, Nov. 15, in Room 110 Henderson Building at University Park.

The Penn State Chapter of Educational Office Personnel is a professional organization whose membership consists of faculty, staff, non-exempt, clerical and technical services. For information, call Sharon Rolley, president, 863-2211, or Lois Summers, membership chair, 863-2211.

Fulbright Informal Lecture

Gustavo A. Escobar, professor of biology at the University of El Salvador in San Salvador, will present the second

Fulbright Informal Lecture, sponsored by the Office of International Programs. He will speak on "Left vs. Right in El Salvador: A Myth Created" from 4 to 5 p.m. Wednesday, Nov. 15, in Room 222 Boucke at University Park.

Award nominations sought

The Returning Adult Student Center, 323 Boucke Building at University Park, is now soliciting nominations for its Outstanding Adult Student Award.

Nomination materials are available from the HUB Information Desk, Kern Desk, and the Returning Adult Student Center.

Completed nomination materials are due at the Center, 323 Boucke, on Thursday, Nov. 30.

Research grant

Faculty associates of the Population Issues Research Center in the Institute for Policy Research and Evaluation have been awarded a research grant of \$383,750 from the National Institute of Child Health and Human Development. The grant will finance a study of "Intergenerational Exchanges in Families with Children."

The research group consists of **Dennis P. Hogan**, professor of sociology and director, Population Issues Research Center; **David J. Eggebeen**, assistant professor of human development and family studies; **Linda M. Burton**, assistant professor of human development and family studies; and **Katherine Fennelly**, associate professor of health education.

Faculty/Staff Alerts

Flexible benefits update

A number of questions have surfaced at the meetings which have been held to introduce Flexible Benefits to the full-time faculty and staff. So that more people would have the opportunity to learn from these questions and the answers, they are presented below:

Q. Is this program by calendar year or fiscal year?

A. The program is based on the calendar year. Each calendar year, Jan. 1 through Dec. 31, is a separate period of coverage.

Q. Does each employee have to return the election form?

A. You need to return your election form only if you are joining the program, adding an option or withdrawing from Option 1.

Q. By what date of the month must these claim forms be submitted?

A. There is no specific date requirement. Claims will be processed as they are received. Checks will be issued during the first week of the month for all accounts that have had claims processed.

Q. Must I submit an actual receipt, or will you accept a copy?

A. We need the actual receipt. Keep a copy for your records.

Q. Is a cancelled check acceptable for a receipt?

A. No. A receipt showing name and address of your healthcare or dependent care provider is required. In the case of dependent care providers, a tax identification number or social security number also is required.

Q. What expenses are accepted by IRS?
A. The same guidelines printed in IRS Publication 502 will be followed to determine eligibility for reimbursement. The final decision as to what the IRS accepts as a tax deductible expense is up to the IRS.

Q. The nursery school my child attends offers an 8 percent discount if paid for the full year. Could I get a reimbursement for the full amount the first month?

A. No. The service has to have taken place in order to receive a reimbursement. Prepayment of future services are not eligible for reimbursement.

Q. If I have dental work done in December, and I pay the bill in January, can I use the year in which I make payment for the services?

A. No. The key is in which year you receive the service, not when you actually make payment. Only expenses from services or purchases incurred in 1990 are eligible.

Q. If I am still paying for treatment incurred two years ago, will this be reimbursed?

A. No, the treatment must occur in 1990 to be reimbursed.

Q. If my spouse is employed, must I submit claims to his/her insurance company before using the reimbursement account?

A. Yes. The healthcare account reimburses out-of-pocket expenses only; therefore, you

must exhaust your sources of health plan reimbursements first.

Q. What does Penn State do with the money that is forfeited?

A. Forfeited funds will be used to offset losses possible under Option 2. Careful planning should receive the chance for funds to be forfeited.

Q. Does this have any effect on my SERs or TIAA retirement benefit?

A. None whatsoever. Your retirement contribution and eventual payment are based on actual salary not taxable salary.

Faculty and staff members are reminded that the deadline for returning the 1990 election form is Nov. 17.

Additional questions about the Flexible Benefits Program may be referred to the Employee Benefits Division, 865-1473 (network 475-1473).

Winter parking regulations

Parking is prohibited in faculty/staff parking areas from midnight to 7 a.m. when snow falls, or when there is predicted snowfall in the evening or night.

Signs stating "No Parking, Midnight to 7 a.m., If Snow" are posted at the entrance to all faculty/staff parking areas. When there is no snow or no predicted snowfall, the regulations will not be in effect.

Faculty and staff members should not leave their vehicles parked overnight on campus when a snowfall occurs. If they must leave vehicles parked on campus overnight, for personal safety reasons, they must move their vehicles to a designated

emergency faculty/staff overnight parking area.

Three parking lots are designated emergency faculty/staff parking lots and may be used for vehicles displaying a current faculty/staff parking permit. They are the west section of the Red C parking area, the northeast section of the Blue A parking lot near Mitchell Building and the east section of the Orange F parking lot at the Sports Complex.

So that vehicles may be moved to these emergency parking areas, or moved from campus, Physical Plant will give high priority to salting and/or applying anti-kill materials during a snowfall to all roads and parking lot entrances that are on a grade.

Vehicles that remain on campus beyond midnight when there is snow, other than in the designated emergency overnight parking areas, will be cited for snow restriction, which carries a \$15 penalty. Employees are urged to review Parking Regulation L covering winter parking regulations.

The lower level of the parking terrace will not be posted as a restricted area when snow accumulates. However, the lower level of the parking terrace is not designated as an emergency parking area. Any vehicle parked overnight at the lower level of the terrace must be moved to the assigned parking area by 7 a.m. the next workday morning unless the vehicle has a Green B parking permit displayed.

Promotions

Clerical

Mary M. McCullin, to conference clerk A in Agriculture

Phyllis B. Moran, to secretary B at Delaware County Campus.

Patty J. Poorman, to conference secretary in Commonwealth Educational System.

Christine J. Seibert, to secretary B at Hershey.

Dianne Shaw, to secretary B at McKeesport Campus.

Holly M. Shoemaker, to secretary B in Liberal Arts.

Sandra Smith, to secretary B in Business Administration.

Christine Surovec, to senior clerk, monograph receiving in University Libraries.

Linda S. Verbeck, to secretary B in Liberal Arts.

Bobbi Jo Watson, to accounting clerk in Controller's Office.

Technical Service

Daniel W. Auman, to stock clerk-truck driver in Housing and Food Services.

James Blow, to group leader, test driver II in Research and Graduate School.

Ricky L. Cox, to truck driver in Housing and Food Services.

John F. Gengery, to truck driver, (light, medium, heavy) in Applied Research Lab.

David W. Hodge, to test driver II in Research and Graduate School.

William Jones, to test driver II in Research and Graduate School.

Douglas S. Keith, to truck driver in Housing and Food Services.

Ronald W. Knight, to patrol officer at Delaware County Campus.

Joseph R. Kocher, to truck driver, (light, medium, heavy) in Applied Research Lab.

Ted Langham, to maintenance worker, utility in Office of Physical Plant.

Thomas L. McCahan, to stockroom worker in Office of Business Services.

Perry A. McCaleb, to test driver II in Research and Graduate School.

Jerry McCloskey, to building and equipment attendant in Undergraduate Programs.

Jeffrey D. Metz, to farm machinery operator/mechanic in Agriculture.

Norman R. Nelson, to group leader, greenhouse technician in Agriculture.

Charles A. Poretto, to technician/operator, copy center in Office of Business Services.

Mary E. Ramsey, to senior systems developer in C&IS - Center for Academic Computing.

Mark C. Sausure, to senior electronics technician, manufacturing systems lab in Engineering.

Carol M. Smith, to laboratory attendant A in Housing and Food Services.

Robert P. Smith, to maintenance worker general B at McKeesport Campus.

Focus on the arts

(Continued from page 4)

such as Toshiko Akiyoshi, Bob Mintzer and Woody Herman. Featured soloists will include University students Mark Fisher on trombone and Kelly Lovell on bass.

Colloquy program

Colloquy will present an informative program titled "The Great Debate: Should There be Limits to Our Freedom?" at 8 p.m. Wednesday, Nov. 15, in Schwab Auditorium at University Park.

Patrick Korten, director of public affairs for the Department of Justice during the Reagan administration, will argue in favor of limits on individual freedoms. Barry Lynn, legislative counsel for the American Civil Liberties Union, will argue against restrictions.

Mr. Korten was appointed director of public affairs by then Attorney General Edwin Meese and served nearly four years as the Justice Department's spokesman. During his time with the Justice Department, he handled such matters as the hijacking of TWA Flight 847, the Walker/ Navy spy case and the Cuban refugee riot at Atlanta Penitentiary.

Mr. Lynn, the ACLU's congressional lobbyist, is an ordained minister in the United Church of Christ. He has been the

ACLU's pointman on all personal freedom subjects, including prayer and religion clubs in public school, the regulation of broadcasting, the Fairness Doctrine, children's advertising, public access to cable television and federal child care programs.

Mallet Ensemble

The Penn State Mallet Ensemble will perform in concert at 12:10 p.m. Thursday, Nov. 16, in Eisenhower Chapel at University Park. The 20-minute concert is part of the fall Bach's Lunch Concert series sponsored by the School of Music and the University Lutheran Parish.

The program will include "Woodwork" by Ian Bach, an arrangement of "Greensleeves" by G. Peters and "Dotty Dimples" by G.H. Green and V. Arden, featuring Larry Doran as xylophone soloist.

The ensemble, directed by Dan C. Armstrong of the School of Music faculty, consists of seven players, the majority of whom are music majors.

Dickens talk

A preview of the seventh annual Festival of Trees, "Travels with Dickens," will be presented in a brown bag luncheon lecture at 12:10 p.m. Thursday, Nov. 16.

Robert E. Lougy, associate professor of English, will present "Charles Dickens: His Life and Art" at the Palmer Museum of Art at University Park.

Dr. Lougy will discuss Dickens' life and how his early years influenced his career as a novelist. He also will discuss his attributes as a person and a novelist.

Dr. Lougy, a University faculty member since 1967, received bachelor, master's and doctoral degrees from the University of California at Davis. He is the author of numerous publications on 19th-century writers, such as Dickens, Thackeray and Tennyson.

Colorado Quartet

The Colorado Quartet, one of the first all-female quartets to break into the string music circle, will perform at 8 p.m. Friday, Nov. 17, in Schwab Auditorium at University Park.

The group's repertoire includes composers from Beethoven to Ezra Laderman. Its selections for the concert will feature quartets from Mozart, Shostakovich, and Brahms.

The group includes Julie Rosenfeld on first violin, Deborah Redding on violin, Francesca Martin on viola, and Sharon Prater on cello. They will discuss the role of women in the performing arts at 5 p.m. Nov. 17, in the Women's Studies Lounge, 12 Sparks Building, as part of the "Artistic

Viewpoints" lecture series.

Tickets may be purchased at the Eisenhower Auditorium ticket office on weekdays from 9 a.m. to 4 p.m. or at the Playhouse Box Office from 11:30 a.m. to 5:30 p.m. on Tuesday through Friday.

Bandorama

Enjoy the Penn State Blue Band indoors at its annual Bandorama concert the night before the Penn State/Notre Dame football game. The concert will be at 8 p.m. Friday, Nov. 17, in Eisenhower Auditorium at University Park.

The Blue Band will perform traditional Penn State school songs, in addition to a review of 1989 football halftime show music, including guest appearances by jazz saxophonist Dan Yoder, and "Elvis." The Symphonic Blue Band also will perform several selections.

The entire Blue Band will be on stage along with group major Jay Dziga, feature twirlers, Lori Branley and John Mitchell, the Touch of Blue members and the Blue Band Silks.

The Blue Band is directed by Ned C. Dehl. The associate director is O. Richard Bundy and assistants are Brad Townsend and Art Belliere.

Tickets are \$5 for adults and \$3 for students and can be purchased at the Eisenhower South Box Office, Eisenhower Auditorium.



Taking part in the grand opening of the Altoona Bus Testing Center are, from left, James C. Wambold, director of the Vehicle/Surface Interaction and Safety Program at the Pennsylvania Transportation Institute (PTI); Charles Hosler, senior vice president for research and dean of the Graduate School; Brian Clymer, administrator designate, Urban Mass Transportation Administration; Congressman Bud Shuster; John J. Henry, PTI director; State Sen. Robert Jubelirer; and William Millar, chairman, American Public Transit Association.

Grand opening ceremonies held for Altoona Bus Testing Center

The Altoona Bus Testing Center, a facility operated by the Pennsylvania Transportation Institute, had its grand opening Monday, Oct. 30.

U.S. Rep. Bud Shuster, who led legislative efforts to establish the center, was joined in the opening ceremonies by Brian Clymer, administrator designate, Urban Mass Transportation Administration; William Millar, chairman, American Public Transit Association; Charles Hosler, senior vice president for research and dean of the Graduate School, and state Sen. Robert Jubelirer.

The Pennsylvania Transportation Institute received a \$3.1 million contract from the Urban Mass Transportation Administration of the U.S. Department of Transportation to establish the center, which is the only one of its kind in the United States.

"Any public bus, from vans and

minibuses to large articulated buses must have a sample bus tested," James C. Wambold, director of the Vehicle/Surface Interaction and Safety Program at PTI and professor of mechanical engineering, said.

The bus testing center will be located in Altoona and on the University Park Campus. Robert DeJaffie is manager of the Altoona Bus Testing Center, which will employ 28 permanent staff members. Dr. Wambold is general manager of the bus testing center.

When operating at full capacity, the Altoona Bus Testing Center will employ up to 77 people.

The Conrail Training Center in Altoona has been renovated to accommodate a machine and welding shop, parts room, inspection pit, area for articulated buses and other work spaces.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304). Applications for these staff vacancies will be accepted until Nov. 16, 1989. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment Practices (FES-1) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law) sex, or status as a disabled or Vietnam era veteran.

• **Administrative Aide, College of Engineering, University Park Campus** - Responsible to the department head for the administration of department activity particularly the coordination of the office functions and related procedures. Assist in preparation of department budget, research budgets and salary assessment schedules. Interview, supervise and review the work

performance of clerical employees. Advise on affirmative action matters and prepare reports. Requires associate degree, or equivalent, in a related field, and concentration in a written communication discipline is desirable. One to two years of effective administrative experience. STAFF GRADE 5

• **Facilities Assistant, College of Science, Dean's Office, University Park Campus** - Responsible to the assistant to the dean for facilities. Conduct regular inspections of buildings, report hazards, initiate work orders to resolve routine problems, recommend correction of major problems. Review plans and prepare cost estimate for routine repairs and renovations. Coordinate utilities interruptions. Requires bachelor's degree, or equivalent, in management, engineering or related field with one to two years effective experience. Familiarity with building trades, construction or facilities management. Computer experience with data management software preferred. STAFF GRADE 5.

• **Recreation and Athletic Specialist, Penn State Harrisburg** - Responsible to the coordinator, Recreation and Athletics, for providing, developing and implementing portions of a recreation and athletics program that includes leisure time activities, intramural and intercollegiate athletics at Penn State Harrisburg with special emphasis on women's

activities. Requires bachelor of science degree in physical education, recreation or related field, plus over one year of effective experience preferably in women's sports. Master's degree and/or athletic training is preferred. THIS IS A 10-MONTH CONTINUING POSITION - AUGUST THROUGH MAY ANNUALLY. STAFF GRADE 5.

• **Training Specialist, Commonwealth Educational System, Wilkes-Barre Campus** - Responsible to the advising counseling assistant for assisting in activities related to training and development of employees involved in the metal tool production machine operation at the Lehigh-Rand Athens, Pa., facility through the Penn State - Ben Franklin Partnership. Requires associate degree or equivalent, in engineering technology with two to four years of effective experience in general machine shop practices. Experience in operations, programming and set-up of computer numerical controlled (CNC) equipment for instructional purposes and experience with non-traditional students is preferred. THIS IS A FIXED-TERM POSITION RUNDED THROUGH AUG. 31, 1990. STAFF GRADE 5.

• **Director of Development, Wilkes-Barre** - Responsible to the campus executive officer and CES

director of university development and university relations for organizing and conducting all fundraising programs and related business, industry and community activities for the Wilkes-Barre Campus including planned giving, capital campaign, annual fund, etc. A special emphasis in corporate giving and support is a major aspect of the position. Requires bachelor's degree, or equivalent, with three to four years of effective experience in community service with fund-raising responsibilities. Knowledge of business and/or industry is preferred. STAFF GRADE 8.

• **Coordinator, Academic Support Services, Shenango Campus** - Coordinate all Learning Center operations. Work with faculty to integrate computer-aided instruction into the curriculum. Work with remedial/developmental faculty to integrate computer-aided instruction into developmental courses. Serve as primary resource person researching and recommending academic computer and related hardware/software acquisitions. Responsible for grant and other external resource development. Requires master's degree, or equivalent, in computer-based or developmental education or related field, plus three to four years effective experience. Doctorate preferred. STAFF GRADE 7.

Position open at Penn State Harrisburg

Applications and nominations are being sought for the administrative position of assistant provost for information technologies and instructional services at Penn State Harrisburg.

The assistant provost is responsible for supervising operations of existing computer center and instructional services activities. He or she will develop administrative structure required to integrate all information systems, instructional technologies, and telecommunication

operations into an effective academic support unit.

A Ph.D. in related field is preferred; master's degree considered with commensurate expertise. Minimum of five years relevant experience, including demonstrated management and supervisory skills, is required.

Applications and nominations should be submitted to William Mahar, chair, Search Committee, Penn State Harrisburg, Middletown, Pa. 17057. A January appointment is preferred.

Video engineer/editor being sought

Pennsylvania College of Technology is seeking to fill the position of video engineer/editor.

The person in the position reports to the director of the Instructional Media Center and is responsible for technical aspects of television production and the technical quality of television programs produced by the college.

Qualifications include an associate degree in electrical engineering, telecommunications or electronics or equivalent combination of education and

experience; experience in educational/training video production; ENG-EFP training, and ability to operate and repair standard television production and support equipment.

Pennsylvania College of Technology is a component of Penn State, but operates as a separate institution for staffing and other purposes. To apply for the position, submit letter of application, resume and list of three professional references to: Personnel (29) Pennsylvania College of Technology, One College Avenue, Williamsport, PA 17701.

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7517.

William E. Campbell Jr., Editor
Deborah A. Benedetti,
Assistant Editor
Kathy Garman, Calendar

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FLEXIBLE BENEFITS

An update on flexible benefits is on page 7.

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INTERCOM

November 16, 1989

Volume 19, Number 13

Information submitted for publication in *Intercom* is due by noon on the Thursday before publication.

Georgetown professor to be King observance speaker

Eleanor Holmes Norton, professor of law at Georgetown University Law Center, will be the featured speaker for Penn State's University Park observance of the national

holiday to honor the Rev. Dr. Martin Luther King Jr. She will speak at 4 p.m. Monday, Jan. 15, in Eisenhower Auditorium.

The event is one of numerous Martin Luther King holiday activities scheduled at University Park and many other Penn State campuses.

A professor at the Georgetown University Law Center since 1982, Ms. Norton was appointed by former President Carter to chair the Equal Employment Opportunity Commission in 1977. She was the first woman to ever head the agency.

As EEOC chair, she won praise from employers, rights groups and the public alike for her work in developing equal employment law and policy by using efficient systems that reformed EEOC operations and reduced its large backlog of cases for the first time in the agency's history.

During her tenure as EEOC chair, she administered Title VII of the 1964 Civil Rights Act, the Equal Pay Act, the Age Discrimination in Employment Act, and

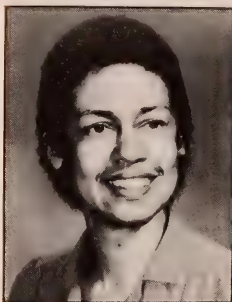
Section 501 of the Rehabilitation Act covering handicapped individuals.

She also is an authority on a broad range of domestic issues and world affairs, among them labor force and employment matters, anti-discrimination policy, family, education, and poverty concerns and many legal issues. She addresses such issues in her commentaries on National Public Radio and in her published articles. She also has appeared on the McNeil-Lehrer News Hour and other national public affairs programs.

Ms. Norton received her law degree from Yale Law School, master's in American studies from Yale Graduate School and bachelor's degree from Antioch

College. She has co-authored the book *Sex Discrimination and the Law: Causes and Remedies* and currently is writing a book about the development and impact of anti-discrimination law and affirmative action remedies in an effort to help clarify public understanding.

She has been named one of the 100 Most Important Women in America, has received many honors, including 33 honorary degrees, and serves on a variety of boards including the Martin Luther King Jr. Center for Social Change, the Rockefeller Foundation, and three Fortune 500 companies.



Eleanor Holmes Norton

Announcement planned

The Executive Committee of The Campaign for Penn State invites the University community to join President Jordan and William A. Shreyer, chairman of The Campaign for Penn State, in an announcement of historic proportions at 1:30 p.m. Friday, Nov. 17, on the steps of Old Main at University Park.

University Park campaign reaches 87 percent of its goal

Penn State employees at University Park have pledged a total of \$144,555.96 or 87 percent of the campus goal of \$164,500 to United Way as of Nov. 9.

The campaign, in its second week, has emphasized increased information about United Way, a new payroll report/return form, and requires individuals to return their pledges to the Payroll office, not an area coordinator.

The University Park campaign is scheduled to end officially today, Nov. 16. Employees wishing to participate in the United Way campaign which benefits 34 member agencies, are asked to return their cards immediately to Payroll, 306 Rider Building, in the confidential envelopes provided. Forms received by today in the Payroll office will result in payroll

deductions in the Nov. 30 paycheck. Those received after Nov. 16 will be deducted from the December paychecks.

The following guidelines may be useful to those persons who have not yet returned their United Way pledge:

- Current payroll contributors not wishing to make any change do **not** have to return cards--continuous giving went into effect Jan. 1, 1989.
- To increase, decrease, stop or start pledges, fill out card appropriately and

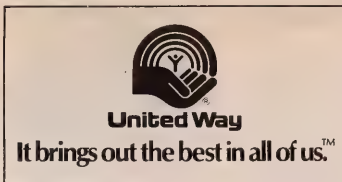
return to Payroll

-- Cash, checks or requests to be billed also can be directed to the Payroll office for further handling by the Centre County United Way office.

-- Persons not wishing to participate in this year's United Way campaign do **not** have to return cards.

-- To change a United Way payroll deduction after November, when the campaign is officially over, request a United Way payroll change form (green card) from your personnel representative or the Payroll office.

If you have questions about the University Park United Way campaign or Centre County United Way, contact your area United Way coordinator, University Relations at 865-2501, or the Centre County United Way Office, 238-8984.



Faculty Senate approves off-campus leasing report

At the Nov. 7 University Faculty Senate meeting, Senators unanimously approved an advisory and consultative report recommending changes in the way the University handles leases for off-campus space.

The report, which was made by the Committee on Academic and Physical Planning, was in response to the University's lease agreement with Marian U. Coppersmith, vice president of the Board of Trustees.

In July, the Board of Trustees approved a rental agreement for approximately 10,000 square feet of the Towers Building in State College for a period of three to five years.

Senate officers requested a meeting with President Jordan on the matter, because of faculty concerns about the propriety of the agreement and possible conflict of interest issues.

Later, Academic and Physical Planning members met with Steve Garban, senior vice president for finance and operations. The committee agreed that "the rental rate is commensurate with rates paid for similar buildings rented by the University."

The committee recommended that in the future, sufficient time be allowed for a thorough examination of proposed similar transactions, that such ventures be put on the agenda of the Board of Trustees and that matters involving a trustee be debated and voted on in the absence of the trustee.

In other action,

-- Gary C. Schultz, assistant vice president for operations and services, outlined the University's plans to develop a research park. The plans will be presented to the Board of Trustees on Nov. 10 and 17.

The 130-acre site identified for the research park is located at the intersection of Mt. Nittany Expressway and Park Avenue at University Park. The site's advantages, he pointed out, include "excellent road access and readily available utilities and the proper balance of being reasonably close to campus while not constraining the development of the academic core campus."

With the assistance of Mckel Development Group of Philadelphia and in consultation with faculty and community advisory groups, the University has developed plans for a research park that address the Positive Sum Economic Development Strategy approved by the trustees in May 1987, as well as complement Gov. Robert Casey's program to revitalize the state economy. Mr. Schultz said.

The park is expected to support about 1.5 million square feet of buildings and up to 3,000 employees. It will be developed in four phases, each of which will stand on its own, physically and financially. Mr. Schultz emphasized that creating a research park is a long-term process that could take up to 12 years to complete.

Phase 1 will involve the construction of four buildings: conference center, interdisciplinary research laboratory,

150-room hotel and technology center. The University will construct the conference center and research lab.

The conference center will be a 112,000-square-foot facility that will provide a new home for conference activities conducted in Keller Building. Keller space will be used for academic program needs. The 100,000-square-foot research lab also will release space on campus for other uses.

The hotel will be privately owned and built on land leased from the University. It will be operated by a national hotel chain.

The technology center is expected to house the Centre County Industrial Development Corp. business incubator and also will include space for University administrative units.

Total estimated cost for Phase 1 is \$60 million. The University's facilities, to be financed by a bond issue, will total \$42.7 million.

"All development at the research park will be self-supporting," Mr. Schultz said.

Support will come from reduced off-campus lease expenses, conference center fees, land lease revenues from the hotel and a portion of the indirect cost growth from industry-sponsored research stimulated by the research park, he added.

Currently, the University leases more than 200,000

(continued on page 3)

Focus on Diversity

Diversity Opportunities Calendar

Thursday, Nov. 16
Puerto Rican Student Association, noon to 1:30 p.m. HUB Fishbowl. Elizabeth Iglesias as "Puerto Rican Women: Voices of Transition."

Center for Women Students, 8 p.m.
HUB Ballroom, Angela Davis, feminist on "Violence Against Women."

Friday, Nov. 17
Puerto Rican Student Association, 11 a.m.

to 2 p.m. Paul Robeson Cultural Center.
"A Penn State Fiesta: A Puerto Rican Way," musical interpretations and dance show by PRSA members.

Center for Women Students and Women's Studies, 5 p.m., 12 Sparks Building. Four women from the Colorado String Quartet discuss status of women in arts and music. The group will perform at 8 p.m. in Schwab Auditorium.

Monday, Nov. 20
Women's Series, 7 p.m., Pennsylvania College of Technology, a wholly owned subsidiary of Penn State. "As the Wind Rocks the Wagon," a one-woman drama.
Wednesday, Nov. 22
WPSU radio, 91.1 FM, "Perspectives," 6:30 p.m. "African Americans and Homelessness: Are Real Solutions Being Applied," call-in radio talk/discussion.

Fong, Barraza elected Women of Color coordinators

Vicki Fong, News Bureau manager in the Public Information Department, has been elected coordinator of Central Pennsylvania Women of Color.

Santa Barraza, assistant professor of art has been elected assistant coordinator. Ms. Fong, 30, a native of Pottstown, is a 1981 Penn State graduate with a B.A. degree in journalism. She is a member of the Equal Opportunity Planning Commission at the University and the American Association for Higher Education. She previously had been an adviser to the Mortar Board Central Senior Honor Society.

Ms. Barraza, 38, is the recent recipient of the Institute for the Arts and Humanistic Studies Fellowship. A University faculty member since 1988, she is a native of Kingsville, Texas. She earned her bachelor and master of fine arts degrees in studio art, drawing and painting from the University of Texas, Austin.

Before joining Penn State, she was an assistant professor of art at La Roche College, Pittsburgh, from 1985 to 1988.



Vicki Fong

During her career, her work has been published in numerous publications and exhibited in art galleries throughout Texas.



Santa Barraza

California, New York, Arizona and Pennsylvania.

Representative council members include:

Puring MacDonald and Ms. Fong, Asian/Pacific Islander; Dee A. Frisque and Robyn Garner, Black/African-American; Raquel Freeland and Ms. Barraza, Hispanic; and L.A. Napier and Frances Twin, Native American.

WPSX-TV program

The Mills Brothers' Story, airing at 10 p.m. Friday, Nov. 17, on WPSX-TV, takes an affectionate look at the singing careers of Donald, Harry and Herbert Mills. Originally billed as "Four Boys And A Guitar" (they began with older brother John Jr. who died in 1936). The Mills Brothers have touched over a half-century of show business history.

In candid interviews, the brothers discuss family, their youth in Piqua, Ohio, and their experiences in show business. Musical clips of the brothers range from a 1932 performance to their 1981 next to last engagement and include the songs "You Always Hurt The One You Love," "Glow Worm," and "Opus One."

Writer will give dramatic presentation

J. Archibald Holland, free lance writer, will give a dramatic presentation titled "The Legacy of Langston Hughes" at 7 p.m. Monday, Nov. 20, in the Paul Robeson Cultural Center auditorium at University Park. The event will focus on Mr. Holland's vocal interpretations of Hughes poetry and is cosponsored by the Paul Robeson Cultural Center.

Mr. Holland attended Lincoln University and Columbia University Graduate School of Journalism and Social Science and Brooklyn Law School. He began his writing career during law school by creating advertising copy for printing customers.

He then was appointed to the staff of the American Management Association, promoting management seminars to

business and industry. He also became senior social studies writer in the textbook division of Holt, Rinehart and Winston.

Mr. Holland has published a number of articles on gun control, one of which was read to the U.S. Senate by Sen. Edward Kennedy. Since then he has been quoted in Congress, interviewed on NBC-TV's talk show "Positively Black" and has appeared on the college lecture circuit.

While employed as a consulting editor to the *Harlem Quarterly*, a literary magazine, he developed a close association with Hughes. He then created vocal interpretations of the poetry to give the works greater meaning and acceptance.

Currently Mr. Holland is a direct marketing consultant and free lance writer and recently has completed his first novel.



J. Archibald Holland

Observance set

Lectures, music and dance highlight the Puerto Rican Awareness Week, being observed this week at University Park.

Sponsored by the Puerto Rican Student Association, the remaining activities include:

Nov. 16 - "Puerto Rican Women: Voices of Transition," by Elizabeth Iglesias, Career Development and Placement Services, HUB Fishbowl, noon to 1:30 p.m.

Nov. 17 - "A Penn State Fiesta: A Puerto Rican Way," musical interpretations and dance show by students, at Paul Robeson Cultural Center, 11 a.m. to 2 p.m. Participants include Pedro Jimenez, Jocelyn Jimenez and Nilsa Santiago. The dance show is directed by Yolanda Ramos-Melecio.

The Campaign for Penn State University acquires supercomputer with IBM grant

A \$6.6 million grant from IBM Corp. has enabled the University to acquire the nation's largest IBM computer dedicated exclusively to academic research and instruction.

The 3090 Model 600S among the most powerful computers made by IBM has been installed in the Center for Academic Computing, where it will benefit both faculty and students.

"The acquisition of this supercomputer marks the beginning of a new era in cooperation between Penn State and IBM," President Jordan said. It formalizes a working partnership that we have had for many years and promises to yield substantial benefits to higher education. We will enjoy access to the very latest IBM technology. In turn, we will share our experiences in applying this technology with IBM's research and development forces to help them achieve even better

'The acquisition of this supercomputer marks the beginning of a new era in cooperation between Penn State and IBM.'

—President Jordan

designs in the future."

The Model 600S doubles the capacity of the center's central processing unit and increases the memory by four times, according to J. Gary Auguston, executive director of computer and information systems. It also performs calculations faster than any previous IBM computer - on the order of several billion a minute.

"Because the 600S has a faster response time, faculty and students will spend less time waiting at terminals," Mr. Auguston said. "It also can support about twice as many concurrent users as our previous machines, which means waiting time to use the mainframe also will be substantially reduced."

Last spring, about 5,400 faculty and graduate students and 13,500 undergraduates used the Center for Academic Computing's mainframe for research and class assignments. The center provides terminals and microcomputers that can access the new mainframe from all 23 Penn State campuses.

"We are putting our supercomputer into the hands of some of Penn State's top scientists, among the most demanding supercomputer users in the world," said L.G. "Buzz" Waterhouse, applications solutions director of IBM's Academic

Information Systems organization and a Penn State alumnus. "The insights they share with us will help us develop the supercomputers of the future. Our joint explorations will help us gain the knowledge we need to advance computer technology into the next century."

Penn State, UCLA and the University of Utah are the only universities to have the Model 600S. Utah's mainframe is accessible to private industry, and UCLA's is used in part for administrative services.

Mr. Auguston said that a series of grants from IBM has helped Penn State to achieve a 24-fold growth in computing power since 1980. The center's computer memory has increased by 256 times, from four megabytes to one gigabyte.

IBM's grant is included in The Campaign for Penn State, a six-year effort to raise \$300 million in private support for academic programs.

Foundation representatives visit University Park

Representatives of the Alexander von Humboldt Foundation visited University Park recently and met with University faculty members who are former Humboldt fellows or award holders.

The visitors, Hellmut Hanle and Renate Mohr of the A.v.H. Foundation, and Jürgen Buntius of the Deutsche

Forschungsgemeinschaft (German Research Foundation), also met with William C. Richardson, executive vice president and provost of the University, and Charles Hosler, senior vice president for research and dean of the Graduate School.

The visit represented part of an effort to increase ties between American researchers and the A.v.H. Foundation which, in turn, is supported in part by the German National Research Association.

Dr. Hanle reported that this year there will be up to 480 research fellowships awarded, ranging in duration from six to 24 months in humanities, natural and applied sciences. The stipends vary, but are intended to completely support the research scholar and his family, including all travel expenses associated with the stay in Germany.

Applications may be submitted at any time for this program which is intended for scholars who are not over 40 years of age.

The Humboldt Foundation, with home offices in Bonn, West Germany, also makes a large number of Research Awards annually. The awards are in the nature of prizes and carry high prestige.

The awardees, who are invited to spend several months conducting research in Germany, must be internationally

recognized U.S. natural scientists or humanities scholars, at the level of associate or full professor or equivalent standing. There is no age limit. Nominations have to be made by an eminent German scholar, who would likely serve as host.

Currently active University faculty members who have been A.v.H. fellows include S. Ashok, professor of engineering science; W.D. Brownswell, professor of mathematics; M.Y. Frenklach, associate professor of fuel science; M. Gunaydin, associate professor of physics; R.E. Harkavy, professor of political science; R.H. Herman, professor and head of mathematics; R.E. Huff, associate professor of mathematics;

D.L. Jacquette, assistant professor of philosophy; D.G. James, professor of mathematics; E. Keynes, professor of political science; H. Ohmoto, professor of geochemistry; P.M. Prinz, associate professor of communication disorders; E. Schurer, professor and head of German; J.R. Sweeney, associate professor of history; T.T. Tsong, professor of physics.

Faculty members who have received A.v.H. awards include H.L. Barnes, professor of geochemistry; R.A. Bernheim, professor of chemistry; A.W. Castleman, Evan Pugh professor of chemistry; R.M. Herman, professor of physics; L.M. Jackman, professor of chemistry; F.W. Lampe, professor of chemistry; H.W. Liebowitz, Evan Pugh professor of psychology; A.K. Blackadar, professor emeritus of meteorology, and P.S. Skell. Evan Pugh professor emeritus of chemistry.

For further information about the



Alexander von Humboldt

funding opportunities provided by the A.v.H. Foundation, contact any of these faculty members or Dr. Hellmut Hanle.

Alexander von Humboldt-Stiftung, Jean-Paul Strasse 12, D5300 Bonn 2, West Germany.

Appointments

Tricia Wood DeMarco has been appointed coordinator of public information at Penn State Erie, The Behrend College. Her responsibilities include coordinating internal and external communications, media relations, and publications.

Ms. DeMarco is a 1984 graduate of Penn State, where she earned a bachelor's degree in journalism with a minor in English. She is a member of the local chapters of the American Association of University Women, the International Association of Business Communicators, and the College and University Public Relations Association of Pennsylvania.

Ms. DeMarco formerly was a media relations specialist and copywriter for Cook & Bensus Advertising. She also has served as public relations director for Villa Maria College.

Bonnie West has been appointed development assistant in the Office of Development and University Relations at Penn State Erie, The Behrend College. She will assist the director of development in all fund-raising activities including annual giving, deferred giving, corporate foundation gifts, and major gifts.

Ms. West earned her bachelor's degree in advertising from Michigan State University and her master's degree in education from Virginia Polytechnic Institute and State University.

She came to Penn State-Behrend from Miami University of Ohio where she served as a research assistant in the Office of Development.

Lynn Weber has been named associate director of development and university

relations for Penn State Erie. The Behrend College. Her duties include coordinating alumni programs, advising the Lion Ambassadors student volunteers, facilitating the annual fund program, and coordinating institutional advertising.

Ms. Weber earned a bachelor of science degree in education from Penn State. She is

a member of the board of directors of the United Way of Erie County and of the Boys and Girls Club of Erie. She also serves as a corporator for Hamot Health Systems and is a sustaining member of the Junior League of Erie.

Formerly she was the marketing coordinator for Weber Murphy Fox

-- William C. Richardson, executive vice president and provost of the University, presented his annual report on the activities of the President's Planning and Budget Advisory Committee. He reviewed the University's 1989-90 operating budget and the 1990-91 request for state appropriations.

-- Philip A. Klein, liberal arts Senator, commented on the issue of diversity in a closing statement.

Senate

(Continued from page 1)

square feet of off-campus space.

To carry out the plans for the research park, the University will create a subsidiary of the Corporation for Penn State.

-- Senators approved a proposal by the Committee on Committees and Rules to require all legislative proposals to state the effective date for the change

Bookshelf

Calynpudi R. Rao, Eberly professor of statistics, discusses how quantification of uncertainty has led to scientific decision making and the ubiquity of statistics as an inevitable instrument in search of truth in all fields of inquiry in *Statistics and Truth, Putting Chance to Work* (International Cooperative Publishing House).

The author dispels the doubts that chance is an expression of our ignorance which makes accurate prediction impossible. He says that chance is an inherent characteristic of all natural phenomena; evolution and improvement are impossible without chance. Chance is a way of expressing our knowledge. It also can help and create and can be put to work for the benefit of mankind.

Dr. Rao demonstrates with numerous live examples how statistics has developed in recent times as the science, technology and art of extracting information from data to resolve complicated issues such as disputed paternity, construction of language trees, seriation of Plato's works, disputed authorship, dating of publications, diagnosis

of diseases, detecting lies and so on.

An internationally well known statistician, Dr. Rao is the author of 11 books and about 300 research publications. He also is director of the Center for Multivariate Analysis, which is devoted to basic and applied research in many areas of statistics.

Robert LaPorte Jr., professor of public administration, and Muntazir Bashir Ahmed, associate professor of accounting at the Lahore University of Management Sciences in Pakistan, are co-authors of *Public Enterprises in Pakistan: The Hidden Crisis in Economic Development*, published by Westview Press.

The book examines the economics and management of close to 170 public or state-owned enterprises which operate in eight sectors of the economy of Pakistan.

Both the commercial and the socio-economic performance of these enterprises are examined in depth as well as the management operations of these concerns. The losses generated by these enterprises have contributed to the resource gap confronting the government of Benazir Bhutto.

The authors propose a series of measures that the government of Pakistan might undertake to deal with the financial and management problems presented by these state-owned enterprises.

Faculty/Staff Alerts

Courses for Employees

The Human Resource Development Center has openings in the following courses being offered in December. Call the Center at 865-3410 for registration information.

Communication Skills for Women A discussion on the impact of gender on communication. Includes developing personal visibility networking and managing conflict. Meets from 9 a.m. to 4 p.m. Monday, Dec. 4; cost: \$55.

Time Management Recognize time management as a primary element in effective performance, and improve your own management of time. Meets from 9 a.m. to noon Wednesday, Dec. 6, for clericals and from 1 to 4 p.m. for other staff; cost: \$35.

Employment Interviews Learn how to

conduct an employment interview; meets from 1:30 to 3:30 p.m. Thursday, Dec. 7; cost: none.

Conflict Resolution Focuses on theories of anger, different reactions to anger, and the implementation of techniques and skills to use in resolving conflicts. Meets from 9 a.m. to 4 p.m. Wednesday, Dec. 13; cost: \$55.

Writing and Improving Your Resume Learn how to write an effective resume for the job search; meets from 1:15 to 4:30 p.m. Thursday, Dec. 14; cost: none.

Understanding Yourself as a Manager Designed to explore the importance of values, abilities and attitudes, as well as management's influence upon the work climate. Meets from 9 a.m. to 4 p.m. Wednesday, Dec. 20; cost: \$55.

Parting

Mahlon Duck, building and equipment attendant, Undergraduate Programs from Feb. 1, 1993, until Aug. 1.

Focus on the arts

Dance master class

Gary Masters of the Mathews-Masters Dance Company will teach a master class for dancers at 4 p.m. today in White Building Dance Theatre at University Park.

A graduate of the Julliard School, he has been a member of the Pennsylvania Ballet as well as having a 20-year association with the Limon Dance Company. In 1987, he was named "Artistic Associate" for the Limon Company.

His visit is sponsored by the Department of Sport and Exercise Science. Observers for the class are welcome and will be charged a \$2 admission at the door.

Featured author

Marvin Cetron, Penn State alumnus '52 and president of Forecasting International Ltd., will be the featured author at the Penn State Bookstore from 1 to 5 p.m. Friday, Nov. 17. He is the author of *American Renaissance: Our Life at the Turn of the 21st Century* (St. Martin's Press, 1989), along with Owen Davies, former senior editor at *Omnia* magazine.

In *American Renaissance*, the authors emphatically state that the United States is becoming a stronger and richer nation. Based on a list of 73 trends that Dr. Cetron and his staff researched for this book and years of extensive studies, the book offers a provocative and enlightening view of what life will be like at the turn of the new century.

Dr. Cetron presents an image of the future that acknowledges the problems of American society today — the declining standards of education, the needs of the homeless and impoverished, the escalating crime rate and misuse of drugs, the United States' standing in the world economic picture. *American Renaissance* proposes solutions to these problems.

The authors also have written *The Great Job Shakedown* (Simon and Schuster, 1988), and Dr. Cetron is the author of six other books.

The arts on Channel 3

The musical legacy of Penn State alumnus Fred Waring lives on as *Fred Waring: U.S. Chorus 1929-1960*. In time features 100 of the top young vocalists from across the United States. Mrs. Virginia Waring, chorus artistic director, conducts the chorus and gifted choral soloists.

The WPSX-TV production airs at 9 p.m. Friday, Nov. 17, and has a repeat performance at 12:30 p.m. Saturday, Nov. 19.

Jessie Norman sings *Carmen*, airing at 1 p.m. Saturday, Nov. 18, documents Jessie Norman's preparation and rehearsals for one of opera's greatest parts, *Carmen*. The program also features performances of the opera's two great arias, the "Seguidilla" and the "Habenera," as well as the "Toreador" song and the duets between *Carmen* and Don Jose.

Charles Dickens's epic story of romance and revolution, "A Tale Of Two Cities," will be presented in four parts on *Masterpiece Theater* beginning at 9 p.m. Sunday, Nov. 19. Taking place in both London and Paris at the time of the French Revolution, the story tells of the love triangle between Charles Darnay, Lucie Manette, and Sydney Carton.

University Readers

University Readers and Kern Graduate Commons will present five "Classically Comic Stories" at 8 p.m. Friday and Saturday, Nov. 17 and 18, in Kern Auditorium at University Park. Admission is free.

The stories include "Charles" by Shirley Jackson, directed by Carl Cope; "100 and Nothing" by J. California Fowler, directed by Gwendolyn Mitchell; "Love is a Fallacy" by Max Schulman, directed by Cindy Rosenfeld; "The Sexes" by Dorothy Parker, directed by Nancy Cassara, and Death



'Rachis Creations' by C. Rae Bradley are on display in the HUB Art Alley Cases through Dec. 8.

Knocks by Woody Allen, directed by Keith Kaufman.

University Readers employs techniques drawn from both radio drama and cinema to present literature that was originally written to be read silently. Character voices and limited gestures provide support for the audience's imagination, which in turn creates set, costumes and completed actions. The goal is to encourage reading and the enjoyment of literature.

'Festival of Trees'

The seventh annual "Festival of Trees" will open the holiday season at the Palmer Museum of Art at University Park on Saturday, Nov. 18, and continue through Sunday, Dec. 10. It is sponsored by the Friends of the Palmer Museum.

This year's theme, "Travels with Dickens," emphasizes collections from around the world. The Museum's second-floor gallery will be transformed into a representative 19th-century English village from the time of Charles Dickens. Trees, decorated by local artists, groups and businesses and reflecting the same international theme, will be placed throughout the gallery.

As visitors browse through the village of thatched roofed cottages, they will be able to purchase holiday gifts from The Old Curiosity Shop and sweets from The Golden Swan Baker. A town apothecary and the Crowsnest Inn also will be featured in the village, along with the Chadbury Station, which will have a display of international posters and a collection of old model trains.

A new addition to this year's festival will be a gingerbread competition. Judges will be Grace Pilato, local artist; Ruth Yeaton, food columnist for the *Centre Daily Times*; and Suzy Goldberg, student representative on the Board of Directors of the Friends of the Museum.

In addition to a series of musical programs throughout the festival, two special day programs are scheduled in conjunction with the festival. The Doe Day program is scheduled for 11 a.m. to 3 p.m. Monday, Nov. 27, and the Children's Day program is scheduled from noon to 4:30 p.m. Saturday, Dec. 2.

The Museum also will be open until 8 p.m. on Tuesday, Nov. 28, and Tuesday, Dec. 5. There will be musical performances both evenings.

The chairpersons for this year's festival are Judy Roberts and Elizabeth Lucht, assisted by Catherine Castello and Molly Snavely.

Judges for the annual tree competition are Mrs. Austin O. Furst and Mrs. John M. Robinson, both past presidents of the Friends of the Museum.

The Festival of Trees is free and open to the public. In addition to the special hours already noted, the Museum is open from 10 a.m. to 4:30 p.m. Tuesday through Friday, 11 a.m. to 4:30 p.m. Saturday and noon to 4 p.m. Sunday. For more information, contact the Museum at 865-7672.

Dance

Contemporary Dance Company will present its annual Works in Progress performance at 3 and 7:30 p.m. Sunday, Nov. 19, at the White Building Dance Theatre. Tickets are \$3 and are available at the door. An informal reception will follow both performances.

Faculty exhibition

The annual School of Visual Arts Faculty Exhibition will open Sunday, Nov. 19, and run through Dec. 8 in the Zoller Gallery located in the Visual Arts Building at University Park.

The exhibition will feature recent works by the School of Visual Arts faculty from University Park and the Commonwealth Campuses, including ceramics, sculpture, graphic design, painting, drawing, metals, photography, fibers, printmaking and papermaking.

A reception for the artists will be held at 7 p.m. Monday, Nov. 20, with music provided by the Flute Trio of Sandra Simms, Valerie McCarth and Jessica Welles. The exhibition is free and open to the public. Zoller Gallery is open 9 a.m. to 5 p.m. Monday through Friday; 11 a.m. to 4:30 p.m. Saturday, and noon to 4 p.m. Sunday.

Opera workshop

The Penn State Opera Workshop will present two one-act operas and a scene from a third opera in its fall performance at 8 p.m. Sunday, Nov. 19, in the Recital Hall of the Music Building at University Park.

They will perform "The Old Maid and the Thief" and "The Telephone" by Gian-Carlo Menotti, a 20th-century Italian American composer, and a scene from "Daughter of the Regiment" by Gaetano Donizetti, a 19th-century Italian composer.

"The Old Maid and the Thief" was originally composed for radio and recounts an old woman's love affair with the wrong kind of man. The stage director for this work is David Reinsnyder, a first-year master of arts directing major in the School of Music, and the musical director is Bob Wilder.

The second one-act opera by Menotti, "The Telephone," portrays a young man's effort to break his girlfriend's addiction to talking on the phone. The stage director is Joseph Blotner and musical director is William Tilghman, a master of music student.

The evening will conclude with the comic "music lesson" scene from Donizetti's "Daughter of the Regiment."

The Penn State Opera Workshop is directed by Richard Davis, a faculty member specializing in voice.

Tuba-euphonium concert

An evening of music showcasing the diversity of the Penn State Tuba-Euphonium Ensemble will be presented at 8 p.m. Monday, Nov. 20, in the Recital Hall

of the Music Building at University Park.

The program will include a range of music from Bach to jazz, with works for solo tuba to pieces for 16 tuba-euphonium players.

The concert is free and open to the public.

Odyssey on WPSU

The Battle of Clontarf, fought near Dublin in 1014, is not only important because it decided who would rule Ireland, the Vikings or the Irish. It is important, says historian Ben Hudson on the next "Odyssey Through Literature" broadcast, for the way in which the story of the battle was transmitted.

"It's one of those few battles that's mentioned in both Viking and Irish sources," he says. "We know that both the Irish and the Vikings had planted observers there, people whose job was actually to witness the battle and then use what they had witnessed to fashion an account for public recitation."

The Battle of Clontarf, he says, shows the Christian Celtic worlds and the pagan Norse worlds bumping into each other. "The court at Dublin has been unjustly neglected as the cultural center that it was."

"Odyssey Through Literature" is produced by the Comparative Literature Department and airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

HUB Galleries exhibit

"Rachis Creations" by C. Rae Bradley is on display until Dec. 8 in the Art Alley of the HUB Galleries.

Earrings that frolic and necklaces that flow, art forms that magically come to life when combined with the human form, take shape in fanciful combinations of feathers and forged wire. Each unique piece is created with a touch of whimsy, fusing function and fun.

Pattee exhibit

Bill Hosterman's exhibit, "The Colored Eye," will be on display in the Lending Services area of Pattee Library until Nov. 27. The works depict a wide array of wildlife in watercolor, acrylic and mixed media.

Mr. Hosterman grew up in rural Pennsylvania and credits his many hours in the woods as the inspiration for his art. At present he is working as a graphic artist for Accu-Weather in State College.

Madrigal dinners

The State College Choral Society presents its annual madrigal dinners, featuring visions of 16th century merry Old England — acting, singing, dancing, and feasting — all directed by D. Douglas Miller, professor of music.

The dinners will be Nov. 28 and 29 Dec. 1 at 7 p.m. in the Elks Country Club. Tickets will be \$20 (Wednesday), \$22 (Thursday), and \$24 (Friday), and can be obtained by calling 238-7515 after 6 p.m.

Christmas concert

Seven voice students from the studio of Suzanne Roy of the School of Music faculty will present a Christmas concert at 12:10 p.m. Thursday, Nov. 30, in Eisenhower Chapel on the University Park Campus. This 20-minute is part of the fall Bach's Lunch Concert series sponsored by the School of Music and the University Lutheran Parish.

The program will include selections by Handel, Rowley, Rorem, Britten, Chanler and Bach.

The concert is free and open to the public. The audience is invited to bring their own bag lunches and to eat after the concert in the Informal Lounge. Coffee and tea will be provided.

University Park Calendar

November 16— November 26 Special Events

Thursday, November 16

Trustees meet at University Park through Nov. 17

Brown Bag Lunch/Lecture, 12:10-12:50 p.m.
Palmer Museum of Art, Robert E. Longy on "Charles Dickens' 'Ho Life and Art.'"
Bach's Lunch, 12:10 p.m., Eisenhower Chapel.
Penn State Mallet Ensemble.
Center for Women Students, lecture, 8 p.m.
HUB Ballroom, Angela Y. Davis on "Violence Against Women" Lecture commentary and response panel, noon-1 p.m. Oct. 17, HUB Gallery

Friday, November 17

Geog. Coffee Hour, 4 p.m., 319 Walker, Mary Mander on "Pols and Metropolis: Communications Technologies and Their Impact on the City."
Center for the Performing Arts, lecture, 5 p.m.
Women's Studies Lounge, 12 Sparks, Colorado String Quartet members.
Shaver's Creek, 7:30 p.m., Moonlit Hayride. Also Nov. 18. Call 863-2000.
Center for the Performing Arts, 8 p.m., Schwab Aud. Colorado String Quartet.
School of Music, 8 p.m., Eisenhower Aud. Bandorama.

Saturday, November 18

Shaver's Creek, A.L.L.A.R.M.I.: The Monitoring. Continues, 10:11-10 a.m. Call 863-2000.
Sunday, November 19
Shaver's Creek, 2-4 p.m., Raptor Facts. Call 863-2000.
Festival of Trees, 3 p.m., Palmer Museum of Art Bellamyria Trio.

Carnegie Hall Film Series, 7 p.m., *Battle of San Pietro/The War Game*; 8:45 p.m., *The Sun's Burial* (1960), 4 Carnegie. Free
School of Music, 8 p.m., Recital Hall. Opera workshop.

Monday, November 20

10th Annual Holiday International Artisanal sale, 9 a.m.-4 p.m., Kern Commons lobby, through Dec. 8
Comp. Lit. Luncheon, 12:15 p.m., 101 Kern.
Kathryn Hume on "Italo Calvino's Cosmic Vision," Refreshments.
School of Music, 8 p.m., Recital Hall. Tabu/Euphonium Ensemble.
Thursday, November 23
Thanksgiving Holiday—no classes through Nov. 26.

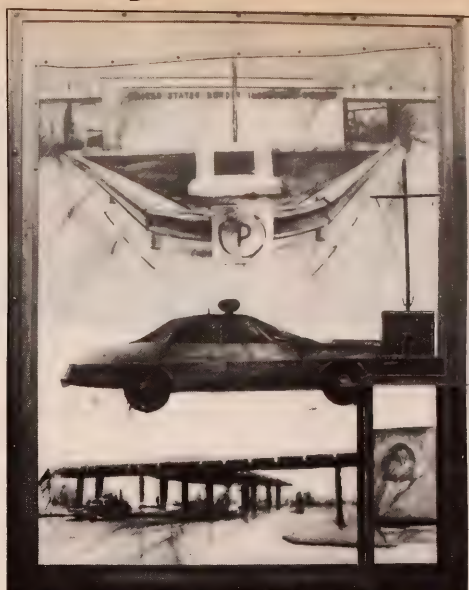
International Events

Puerto Rican Awareness Week, through Nov. 18.

Education Abroad Programs

Applications for 1990-91 will be accepted in 222 Boucke for programs in Cairo, Nairobi, Nice, Taipei, Tel Aviv. The deadline has been extended from Oct. 16 to Nov. 22.

A video, "Planning for Study Abroad: Making it Meaningful and Manageable," produced by the Institute of International Education, is available



'Border Inspection Station' is part of an exhibition of multimedia works titled 'James Drake: The Border/La Frontera' at the Palmer Museum of Art.

for viewing by advisers and students in 222 Boucke. Call 865-7681.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m.
"Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubinstein.
"Perspectives," 6:30 p.m. Wednesdays, with Jeff Ballou.
"Creative License," 12:30 p.m. Thursdays, with Asa Berlin and Pam Saulnier.

Conferences

Continuing Education Keller Building

Nov. 20-21. Coal Cooperative Research Conference. Alan Davis, professor of geology, chair. Jack Sinclair, coordinator.

Seminars

Thursday, November 16

Physics Colloquium, 3:30 p.m., S5 Osmond Lab.
Sidney Nagel, Univ. of Chicago, on "Relaxation at the Angle of Repose -- Studies of Flowing Sand."
Political Science, Slavic Soviet Language and Area Center, lecture, 4 p.m., 124 Sparks.
George Csepeli, Eotvos Lorend Univ., Budapest, on "The Post-Communist Experiment."
Ecology, 4 p.m., 111 Wartik, Marc Mangel, Univ. of Calif.-Davis, on "Conservation and Southern Ocean Krill: Biological, Ecological, and Operational Aspects."
Spatial and Temporal Signal Processing Center Seminar, 8 p.m., 225 Electrical Engineering, West Mitchell Eggers on "Neural Network Activity at MIT Lincoln Laboratory."
Friday, November 17
Physics CAMP, 11 a.m., 339 Davey Lab. Sidney Nagel, Univ. of Chicago, on "The Glass Transition."
Ag Economics and Rural Sociology, 3:30 p.m., 212 Eisenhower Chapel, Marc Mangel, Univ. of Calif.-Davis, on "Perspectives on Dynamic

Modeling

Ag Systems, 1:45 p.m., 111 Tyson, Karen Simmons on "Nitrogen Management for Water Quality in Southeastern Pennsylvania."

Monday, November 20

Entomology, 1:45-4:45 p.m., 204 Patterson.
David Cox on "Aspects of EPB Infestation, Water Stress, and VAM Infection on Potato Plant Responses."
Physics EPF, 4 p.m., 330 Davey Lab. B. Oculat Univ. of Pa. on "Symmetries in String Theory."

Tuesday, November 21

Physics CAMP, 4 p.m., 330 Davey Lab. W. Kamalakara Iowa State Univ. on "Dynamics of Amorphous Solids."

Exhibits

Chambers Gallery

Art Student League Juried Exhibition, through Dec. 1

HUB Galleries

Art Alley Cases:
C. Rae Bradley, Rhythmic Creations, through Dec. 8

Art Alley Panels

Iconographic: History of the French Revolution
Two Centuries of Pictures and Symbols of the Republic, through Dec. 8

Browsing Gallery:

1st Reunion in the Homoclinic Orbit - when the sign of the morning pulses permeate through my window in the afternoon by Derychan Lin, through Dec. 8

Formal Gallery:

Art Alliance of Central Pennsylvania Open Juried National Show, through Dec. 1 (closed Nov. 22-27)

Kern Galleries

College of Health and Human Development
Research Exhibition, through Nov. 30.
The French Revolution Machine, through Feb. 28.

Palmer Museum of Art

Ceramics from Penn State Collections, through Nov. 19

James Drake, *The Border/La Frontera*, through Jan. 21

Festival of Trees, through Dec. 10

Pattee Library

East Corridor Gallery:
Jorene Rahn, *Simplification of Form*, through Nov. 17.

Lending Services:

Bill Hosterman, wildlife paintings, through Nov. 27

Rare Books Room:

Three Poems by John Balaban, with illustrations by Jerrold Maddox, through Nov. 28.
Dorothy Roberts, Recent Poems, through Nov. 18.

Zoller Gallery

School of Visual Arts Faculty Exhibition, through Dec. 8.

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather-234, Arts Line-345, University Calendar-456.

Bookshelf

Thomas W. Benson, professor of speech communication, is co-editor, with Michael H. Prosser of the University of Virginia, of a revised and updated edition of *Readings in Classical Rhetoric*, published by Hermagoras Press of Davis, Calif.

The book, first published in 1969, is an anthology of readings from original sources in the classical period of rhetorical studies in Greece and Rome. It opens with a survey of definitions of rhetoric and debates its value to political culture.

The book then examines what the classical period regarded as the orator's major tasks: the invention, the discovery and selection of proofs; disposition, the strategic arrangement of the parts of the speech; style, shaping the language of the speech to achieve the desired effects; and memory and delivery.

Among the classical authors included are Plato, Aristotle, Isocrates, Longinus, Cicero, Quintilian and Augustine. The book is

widely used as a text by students in speech, English and classics.

Bernard J. Badiali, assistant professor of education, and Tina M. Hay, assistant to the dean in the College of Health and Human Development, are co-authors of a new book that provides a way for older adults to write about their lives.

Recollections: Your Memory-a-Day Journal is a guided write-in book designed to help parents and grandparents record their memories, stories, details about relatives and ancestors, and observations on the world events they have witnessed in their lives. Each page of the journal provides a suggested topic for a brief, followed by enough room to write a day entry.

The questions in *Recollections* are arranged thematically, ranging from family roots and early childhood experiences through school years, marriage and family, work and adulthood, world events, and overall reflections.

The book is published by Scott, Foresman and Company.

Roland E. Fleischer, professor of art history and Fellow of the Institute for the Arts and Humanistic Studies, is the author of *Ludolf de Jongh, Painter at Rotterdam*, published by Davaco Publishers in Doornspijk, Holland.

Professor Fleischer examines the development of Ludolf de Jongh's art in portraiture, landscape painting and genre in the book. De Jongh frequently altered his style of painting to experiment with the latest trends in Dutch painting. Because of this and because most of his paintings were left unsigned, many of them have been erroneously attributed to the oeuvres of better known 17th-century Dutch artists.

Professor Fleischer's careful study of the artist's work determined which works can be safely attributed to de Jongh and reveals the significant role de Jongh played in the art of the rapidly growing city of Rotterdam, as well as the influence he had on the city's younger generation of painters.

Manfred Kroger, professor of food science, is co-editor of *Chungking Food Technology 2: Food Technology for a Dynamic Marketplace*, published by Technomic Publishing Co., Inc., Lancaster, Pa. Allen J. Freed, president, Foodworks Inc., New York, is co-editor.

The book, the second in a series, is a collection of 16 selected papers presented during the 15th Eastern Food Science Conference (1987) sponsored by the Institute of Food Technologists East Coast Regional Sections.

It deals with the development of new food products and the improvement of products already on the market. Areas covered include marketing, nutrition, quality control, regulatory compliance and applied technology.

Volume 1 of the series, published in 1987, focuses on new developments and innovations in food science, technology and products. Kroger co-edited that volume with Ralph Shapiro, Nutrition International Inc., East Brunswick, N.J.

Faculty and staff members, alumni honored with awards

The College of Education and its Alumni Society have selected the 1989 recipients of two new alumni awards.

Ralph Heister Jr., a biology teacher at Conestoga High School in Berwyn, Pa., will receive the Outstanding Teaching Award. **Dolly Powers Curtis**, television producer and textile artist from Easton, Conn., and **Benjamin Whitten**, retired president and chief executive officer of the Baltimore Urban League, Baltimore, Md., each will receive a Leadership and Service Award.

The two awards, Outstanding Teaching and Leadership and Service, were established this year, based upon responses collected in an alumni survey in 1988.

Dr. Heister teaches biology and advanced biology, and has served as department chair since 1971. He holds three degrees from Penn State, including a B.S. degree in agricultural education, M.Ed. and D.Ed. degrees, both in biological sciences. He has received a Superior Service evaluation for 12 consecutive years, and serves on many community councils and boards of directors.

Mrs. Curtis is an internationally known textile artist. In addition, she produces and hosts her own public access television program, "Dolly Curtis Interviews...". She holds both B.S. and M.Ed. degrees in education from Penn State.

Before coming a television producer, Mrs. Curtis spent 18 years sculpting large-scale, woven textile art for corporate and public buildings throughout the United States. Her works hang in more than 30 collections and exhibits, and a videotape titled "Dolly Curtis, Fiber Artist" is part of the Smithsonian Institution's Archives on American Art.

Dr. Whitten holds three degrees from Penn State, all in industrial arts education. In 1988 he received an honorary doctor of humane letters from the University of Baltimore, in recognition of his dedication to the City of Baltimore and to his profession.

After a successful career in educational administration, in 1979 he was named director of the Minority Contractors' Technical Assistance Program for the Baltimore Council for Equal Business Opportunity. In 1983, he was selected to be president and chief executive officer of the Baltimore Urban League, where he remained until his retirement in 1988.

Roger L. Williams, assistant vice president and executive director of University



Ralph Heister Jr.

relations, has been named recipient of the 1989 dissertation of the year award by the Association for the Study of Higher Education (ASHE).

The dissertation was completed in the higher education doctoral program at Penn State in 1988. Roger L. Geiger, associate professor of higher education, was thesis adviser.

The study, "George W. Atherton and the Beginnings of Federal Support for Higher Education," analyzes the national contributions of a former Penn State president to the land-grant college movement.

For more than 30 years (1873-1900), Atherton was the pivotal leader in generating the legislation and political support that enabled the land-grant colleges to move from a period of struggle to one of viability and growth.

Dr. Williams holds a B.A. in history and an M.A. in journalism from Penn State.

Doris W. Coldren, instructor in English at Penn State Fayette Campus, has received the Fayette Campus Award for Excellence in Public Service.

As a member of the English Department faculty, she teaches composition and literature courses.

In the community, Ms. Coldren, a history buff, has researched and written articles for the *Brownsville Telegraph*, given tours of Nemacolin Castle, and judged debates at the Brownsville Optimist Club and the American Legion.

A member of the Fayette Festival



Dolly Powers Curtis

Association, Fayette County American Cancer Society, and the Fayette County Historical Society, she serves on the board of directors of the Brownsville Historical Society.

The Division of Continuing Education has won seven major awards from the National University Continuing Education Association Region II, for its educational offerings over the last year.

Winners were:

— A first-place award to Penn State Harrisburg for development of a credit program, Health Ed 590, titled Substance Abuse in Athletics. The program was coordinated by **Karen Karnes**, area representative for Continuing Education.

— A first-place award for excellence in business/industry linkage for a program for employees at Windfall Products Inc. St. Marys. The program provided courses of a general liberal arts nature to help workers enhance their critical thinking and communication skills. It was coordinated by **Jeff Speerly**, director of Continuing Education at the DuBois Campus, and **William C. Loop**, assistant to the dean of the College of the Liberal Arts.

— A first-place award for excellence in academic support services to Penn State York for a program titled "Making Academia User Friendly to the Adult." The program provided workers at the Caterpillar plant at York with on-site educational counseling, advising and tutoring services to help them with university-level courses. It was coordinated



Benjamin Whitten

by **Jane Emery**, adult counselor, and **Ron Workinger**, industrial training specialist, at the York Campus.

— A first-place award for excellence in noncredit programming for a series of workshops titled "Community Cancer Care." The program provided courses for nurses, social workers and clergy at Hershey, State College, Altoona, Williamsport and Lancaster to help them understand and meet the psychosocial needs of cancer patients. It was coordinated by **Bonnie J. Biskler**, area representative at the Hershey Continuing Education office.

Receiving honorable mention awards were:

— A noncredit program titled "CenSible Kids," developed by Penn State Wilkes-Barre to help young people understand financing, investment and the business world. Coordinating the program was **Donna M. Todd**, Continuing Education program assistant at the Wilkes-Barre Campus.

— A noncredit program at Penn State Schuylkill to help youngsters earn income by developing a babysitting business and to learn skills such as safety, accident prevention, fire prevention, child care, and children's games. Coordinating the program was **Kathy Melusky**, area representative at the Schuylkill Campus.

— A faculty/staff development program coordinated by **Kenneth A. McGeary**, director of Continuing Education at the Penn State Allentown, for an exchange program between the Allentown Campus and the University of Puerto Rico.

Penn Staters

Gerald M. Moser, professor emeritus of Portuguese, presented a paper on "Inter-African Contacts of Lusophone African Writers," at the annual conference of the African Literature Association in Dakar, Senegal. At the University in Oporto, Portugal, he read a paper written in Portuguese on "A Writing Couple That Completed Each Other: Eugenia and Agostinho Neto" during the Symposium on Angolan Culture and Literature.

Brent Wilson, professor and head of Art Education Programs in the School of Visual Arts, presented keynote talks at the Third International Symposium on Art Teaching and Its History at the University of Sao Paulo, Brazil; at Drawing, Art & Development An International Conference at the British Museum; and at the annual conference of the Japanese Society of University Art Educators held in Yokohama.

Richard Davis, assistant professor in the School of Music, was selected through a national audition for the lead role of Gaudenzio in Rossini's opera "Il Signor Bruschino," which was performed in the

Maggio Musicale Fiorentino music festival in Florence, Italy.

Susan T. Evans, research associate in the Department of Anthropology, is editor of the monograph *Ethnoscapes at Cimiterran* (Vanderbilt University Publications in Anthropology, No. 30), a collection of articles about archaeological research she directed at and aztec period village in Mexico.

James Kuree and **Kenneth K.T. Louie**, assistant professors of economics, Penn State Erie, The Behrend College, presented a paper on "Temporal Patterns of Diversification and Specialization in Regional and International Economies" at the 29th European Congress of the Regional Science Association held at St. John's College, Cambridge University, England.

Mary C. Saylor, associate professor of education, earned a Blue Ribbon Award in the 1989 Educational Arts Competition of the American Society of Agricultural Engineers for her entry, "Farming Alternatives: A Guide

to Evaluating the Feasibility of New Farm-Based Enterprises."

Carol Schurman, Indiana County associate extension agent for Penn State Cooperative Extension, has received the Search for Excellence Award from the National Association of County Agricultural Agents for a 4-H and youth program called "Careers Choices and Challenges."

James B. Anderson, professor of chemistry, gave an invited lecture titled "Quantum Chemistry by Random Walk" at the Symposium on Computational Physics and Parallelism at the University of Utrecht, Holland.

France Cordova, head of the Department of Astronomy, has been elected director-at-large on the Association of Universities for Research in Astronomy (AURA) board of directors and as vice-chairperson and then 1990 chairperson of the High Energy Astrophysics Division (HEAD) of the American Astronomical Society.

Roger J. Cuffey, professor of

paleontology, presided at the 8th Triennial Conference of the International Bryozoology Association in Paris in July. Dr. Cuffey, who has been president of the association for three years, presented two papers, one with doctoral student Jacqueline Gooden-Seay.

Joseph Jordan, professor of chemistry, gave an invited talk titled "Quality Control in Analytical Measurements" at the International Union of Pure and Applied Chemistry (IUPAC) General Assembly at the University of Lund, Sweden.

C. Dale Thierrien, associate professor of biology, gave an invited paper titled "Variation in Ploidy in *Phytophthora infestans*" at the International Phytophthora Symposium, Trinity College, Dublin, Ireland.

Douglas R. Zimmerman, instructor of exercise and sport science and head basketball coach, Penn State Erie, The Behrend College, has been appointed to serve on the national Committee on Academics of the National Association of Basketball Coaches.

University's employee benefit program is detailed

Every two years since 1977, the Office of Human Resources has made available to all regular, full-time faculty and staff members a personal statement of benefits. The statement provides valuable information about the various benefits provided by the University. Faculty and staff members will receive their 1989 statement of benefits in early January.

Employee benefits at Penn State have evolved from a life insurance program to today's benefits program which includes life insurance, health and hospitalization coverages, dental and vision care, retirement programs, accidental death and dismemberment insurance, social security, workers' compensation, unemployment compensation, faculty and staff educational privileges, dependent grant-in-aid, disability insurance, maintenance prescription drugs and various policies for vacation, sick leave, and other paid time off.

Total direct cost for employee benefits has risen from around \$2 million in fiscal year 1963-64 to almost \$121 million in 1988-89. A number of groups and committees participate in the development and design of the University's employee benefit program. Actual day-to-day administration takes place in the Rider Building by the 10 person Employee Benefits Division of the Office of Human Resources.

Healthcare

Penn State provides a healthcare package for all regular faculty and staff members. All locations have available a hospitalization/surgical/major medical plan. An increasing number of locations participate in Healthpass, a preferred provider association. Eleven campuses have one or more health maintenance organizations (HMO) as an alternative to the Penn State plan. The same dental and vision care benefits are provided regardless of which basic health plan is involved.

With the exception of HMOs, Penn State is self-insured. This means that the University's healthcare expense is equal to the actual benefits paid plus a processing fee paid to The Prudential for administering the claims. In 1969-70, the total cost was \$1,151,967, and there was no dental or vision care coverage. In 1988-89 healthcare cost came to \$31 million. Last year's total includes \$2,768,509 for dental and \$686,509 for vision care claims. The cost of providing healthcare increases at least 8 percent per year.

The amount of monthly contribution from participating faculty and staff members is \$3.06 (\$1.41 biweekly) for individual and \$8.60 (\$3.97 biweekly) for full family coverage. This is nearly the same as in 1963-64 when individuals paid \$3.05 and family coverage was \$6.05 per

month. Coverage in 1963-64 did not include any dental or vision care benefits and the major medical payment had a life time maximum of \$10,000 compared to \$400,000 today.

An additional health benefit was added in 1985 to assist faculty and staff members and/or their dependents who must take certain prescribed maintenance drugs for a chronic condition on a regular ongoing basis. Under the Maintenance Prescription Drug Plan, these drugs can be purchased at a discount through the Ritener Health Center and Hershney Medical Center pharmacies, providing considerable savings for participants.

Life Insurance

Life insurance, introduced in April 1932, was the first employee benefit at the University. The amount of coverage depends on the faculty or staff member's salary. The amount of the participants' contribution relates to the amount of coverage. Beginning in 1970, the first \$3,000 of life insurance was provided by the University at no cost to the employee. Today the amount provided at no cost is \$5,000.

The life insurance plan contains two provisions in addition to the normal death benefit. An accidental death and dismemberment provision which pays double the amount of coverage in the event of accidental death and payment of up to \$20,000 in the event of a total and permanent disability.

Since earlier this year, faculty and staff members have the option of making their contribution toward health and life coverages with pre-tax salary dollars through the first phase of a flexible benefit plan. Faculty and staff can purchase additional accidental death and dismemberment insurance for themselves and family members under the voluntary accidental death and dismemberment plan.

Retirement

University faculty and staff participate primarily in two retirement programs. Most are members of the State Employees' Retirement System while many others have joined TIAA/CREF. Regardless of the program, both the participant and the University contribute to these retirement programs. Penn State's contribution on behalf of its faculty and staff totaled \$49,148,000 in 1988-89.

In addition to the retirement plan, individuals can choose to participate in various employee funded tax deferred annuities. These individual retirement programs provide both current tax savings, including tax savings on interest earned, and additional future retirement benefits.

Social Security

In addition to Penn State's health, life, and retirement plans, most faculty and staff members and the University participate in the federal social security system. The system provides retirement, survivors benefits, disability benefits, and medicare coverage. These benefits are financed by a tax paid equally by both employee and employer.

The current rate is 7.51 percent of earnings up to \$48,000. The tax rate will increase in 1990 to 7.65 percent. It is anticipated that a revised maximum taxable earnings amount will be announced by the government this fall. As changes to the social security law have occurred and Penn State's payroll has grown, the cost to the University for social security participation has risen from \$900,000 to approximately \$34,441,000 since 1963-64.

Workers' and Unemployment

Compensation

The University's faculty and staff also are provided protection under workers' compensation and unemployment compensation programs. The cost of these programs has risen substantially over the years. Workers' compensation costs in 1963-64 were \$53,500 compared to \$3,501,590 in 1988-89.

The University became involved in unemployment compensation in the early 1970s. During the fiscal year 1972-73, a total of \$103,651 was paid out in claims. This past fiscal year, Penn State's cost for the program was \$433,115.

Other Benefits

Educational privileges is another benefit afforded faculty and staff and their eligible dependents. This past academic year, 1,259 employees took 7,867.5 credits at reduced tuition fees. Grant-in-aid to spouses and children totaled \$4,263,767 for the 1987-88 academic year.

The cost of time away from work including class room time, vacations, sick leave, holidays, and personal time all add to the overall employee benefit expense.

Penn State strives to have a benefits program which is as least equal in value and importance to all major institutions of higher education in the United States. With that in mind, Penn State looks forward to continued modifications, especially in the area of tax sheltered spending accounts and flexible benefits.

Faculty and staff members are urged to examine closely the statement of benefits which they will receive in January 1990.

Faculty/Staff Alerts

Drug awareness training

The Faculty/Staff Health Promotion Program and Employee Relations Division of the Office of Human Resources will be conducting drug awareness training for supervisors during the remainder of the 1989-90 academic year. The dates for the programs are: Nov. 30, 8:15 a.m. to noon; Jan. 25, 1:15 to 5 p.m.; Feb. 15, 1:15 to 5 p.m.; March 22, 8:15 a.m. to noon; April 4, 8:15 a.m. to noon.

The Drug Awareness Training program is designed to provide an orientation to the University's policy and procedures related to illegal drug use at work. The sessions will include practical information about commonly used illicit drugs, work-related signs of abuse, and effective use of the

Penn State Employee Relations services for intervention with employees.

University supervisors who wish to attend one of these programs may enroll by calling the Faculty/Staff Health Promotion Program office at 865-3085. Enrollment for each session is limited to 25 participants; therefore, early registration is encouraged.

Friday, Nov. 24, parking

On Friday, Nov. 24, the day after Thanksgiving, faculty-staff parking rules and regulations will be modified to allow any area parking for vehicles displaying current faculty-staff parking permits.

Vehicles must be parked in bona fide parking spaces. Regulations concerning reserved spaces, limited-time spaces and metered spaces will remain in effect. This change of faculty-staff parking regulations is authorized for Friday, Nov. 24, only. It is

not expected that modification of faculty-staff parking regulations will be authorized at any other future time.

The parking kiosks will be open Nov. 24 from 7 a.m. to 4:30 p.m. Visitor parking regulations will not be changed for Nov. 24.

Payroll changes

The University will distribute the Dec. 29 monthly and the Dec. 29 bi-weekly payroll checks prior to the December closing.

The December monthly and Dec. 29 bi-weekly payroll checks will be dated Dec. 29 and will not be negotiable for cashing or depositing until the Dec. 29 pay date. However, again this year as a convenience to employees, the December monthly and Dec. 29 bi-weekly checks will be available for early distribution on Thursday, Dec. 21. Automatic payroll deposits for monthly

checks and the Dec. 29 bi-weekly checks will be Dec. 29.

Reminder on W-2 mailing

If your payroll check is deposited, your W-2 will be mailed to the office address shown on your payroll deposit slip. If your payroll check is not deposited, the W-2 Form will be mailed to the address shown on the payroll check.

If either the office address or home address is incorrect as shown on your payroll check or deposit slip, please correct by completing one of the following forms and forwarding to the Payroll Office, 307 Rider Building.

The office address can be changed by submitting a new Office Address and Telephone Information Form. The home address can be changed by submitting a new W-4 Form.

25-year award recipients



Observing 25 years of service at the University are, from left, Harry Burkett, instructor in engineering, and William Kown, assistant professor of engineering, at Penn State DuBois Campus; Joseph G. Meyers, assistant professor of speech communication, and Wesley

Olsen, associate professor of physical education, at Penn State Ogontz Campus; Mary E. Shaffer, food service worker, Housing and Food Services.

News in Brief

Faculty Women's Club

Nancy Tischler, director of Summer Sessions and professor of English and humanities, will be the speaker for the Faculty Women's Club Book Review Group at the home of Mrs. Bryce Jordan, 619 Kennard Road, Boalsburg, at 1:30 p.m. Monday, Nov. 27. Dr. Tischler will review her book *A Voice at Her Own Woman: Literature and Religion*.

Students sought for study

Anne C. Petersen, professor of human development and dean of the College of Health and Human Development, is

seeking sixth- through 12th-grade students in the State College Area School District for a study of adolescence. She is interested in learning what causes the increase in depression that often occurs during adolescence, and how it can be prevented.

Students in the study are being asked to complete a questionnaire regarding self-image, feelings of depression, relationships with parents and peers, physical development, and coping style.

Consent forms have been sent to parents of eligible students. Forms should be returned to the Penn State Adolescence Project, 210 Health and Human Development East Building.

More information is available by calling 863-2208.

Entertainers sought

The Penn State Chapter of the NAACP will present a Second Night at the Apollo in December.

Faculty and staff members are invited to participate in the event, which is organized like the original Night at the Apollo shown on television.

The student sponsors are looking for individuals or groups who can sing, dance, tell jokes, give dramatic poetry readings, juggle, present short plays or have other talents. Prizes will be awarded, and proceeds will benefit a student scholarship and lecture series.

Call Tammy Frank at 867-0883 or Liz Walker at 867-0500 by Nov. 26 to participate.

Poultry Salesroom

The Poultry Salesroom at University Park will be open from 10 a.m. to 3 p.m. Wednesday, Nov. 22. Items available for sale include roasters, fryers and eggs.

The Salesroom also will be open from 10 a.m. to 3 p.m. Thursday, Dec. 21. Items available for sale include roasters, fryers and eggs. The Salesroom will be closed for the Christmas holiday and will reopen Thursday, Jan. 4, from 10 a.m. to 3 p.m.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304.

(NETWORK LINE 433-0304). Applications for these staff vacancies will be accepted until Nov. 24, 1989. **DO NOT CONTACT THE AREA THAT HAS THE VACANCY.** Applications for staff vacancies are considered in accordance with Fair Employment practices (PS 1) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law) sex or status as a disabled or Vietnam era veteran.

*Laboratory Specialist, Engineering

Bioengineering, University Park Campus—Responsible to the program chairman for assisting in experiments to study blood flow in the microcirculation (capillaries) by microscopy of tissues in anesthetized animals. Requires master's degree or equivalent in biological (preferable) or engineering sciences or a bachelor's degree or equivalent and one or more years of effective experience. Experience with small animals and surgical procedures and use of microscopes, pH meters, centrifuges, spectrophotometers, and microcomputers desired. This position requires superior time management. **THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1990, WITH EXCELLENT POSSIBILITY OF RE-FUNDING.** STAFF GRADE 5.

*Office Information Specialist, Computer and Information Systems, Management Services

University Park Campus—Responsible to the manager and the senior office information specialist of the Information Center for providing office systems consulting and support services to University administrative computing personnel. Requires bachelor's degree, or equivalent, in computer science or in management information systems, or related fields, plus two to three years of effective experience in the area of office systems information systems planning, data management, graphics, data communications, micrographic and project management. Excellent verbal and written communication skills are required including the ability to communicate technical information to non technical audiences in a clear and concise manner. **STAFF GRADE 5.**

*College Health Nurse, Student Services

University Health Services, University Park Campus—Responsible to head college health nurse for providing nursing services in the out-patient department, observation unit, and urgent care clinic, and for assisting licensed physicians in patient care. Requires graduation from an accredited nursing program and current licensure in Pennsylvania as a registered nurse, plus six to nine months of effective experience. Past experience working in an emergency room setting/acute ambulatory care clinic, and proficiency in IV administration and physical assessment desirable. **THIS IS A FULL-TIME, 12-MONTH NIGHT SHIFT POSITION AVAILABLE NOV. 20. STAFF GRADE 4.**

*Assistant Supervisor, Stone Valley, Auxiliary Recreation Services, University Park Campus

Responsible to the supervisor, Stone Valley, for assisting in the coordination of staffing, scheduling, maintenance and operation of auxiliary services at the Stone Valley Recreation Area. Requires bachelor's degree, or equivalent, preferably in recreation and parks with an option in park administration, plus up to one year of effective experience in waterfront operations. Employee must possess certification as a Red Cross sailing instructor and in water safety and first aid or be willing to complete training within six months on the job. **THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1990, WITH PROBABILITY OF RE-FUNDING.** STAFF GRADE 4.

*Computer Support Assistant, College of Science, Dean's Office, University Park Campus

Responsible to the computer support and research coordinator for providing support for College of Science computer systems and activities. Train and assist users in utilizing computer systems. Install and provide technical assistance for computer equipment and software in the Dean's Office and the College. Requires associate degree, or equivalent, in computer science or related field plus one to two years of effective experience with emphasis on PCs and data management. Excellent verbal and written communications skills. Familiarity with University policies and procedures helpful. **STAFF GRADE 4.**

*Administrative Assistant, College of Medicine, The Department of Radiology, The Milton S. HERSHEY Medical Center

Responsible to the chairman, Department of Radiology, for business and administrative functions of the department to include laboratory response, personnel administration, purchasing, departmental operational policies and liaison with other departments and outside organizations. Requires bachelor's degree or equivalent in business administration plus one to two years of effective experience. **STAFF GRADE 4.**

*Mental Health Program Aide, College of

Medicine, the Department of Psychiatry, The Milton S. HERSHEY Center

Responsible to the chiefs of the Division of Community Mental Health and Research and the coordinator, Mental Health Program, for assistance in the administration of departmental statewide mental health program and research protocols. Requires bachelor's degree, or equivalent, plus three to six months of effective experience. **STAFF GRADE 3.**

*Police Services Officer, Altoona Campus

Prevent illegal, unsafe and undesirable activity and regulatory violations through patrol, education, inspiration, inspection and the deterrent effect of enforcement. Enforce the national, state and local laws, appropriate University regulations through investigation, apprehension and prosecution of violations. Requires associate degree, or equivalent in academic credits, and one to two years of effective law enforcement experience. Must also have satisfactorily completed the Pennsylvania Municipal Police Officer Training Program. **STAFF GRADE 5.**

*Director of Community Relations, Penn State Harrisburg

Responsible to the director of development for organizing and conducting a comprehensive university relations program for the entire campus, to include public information, publications, public relations, special events fundraising and alumni affairs. Requires bachelor's degree, or equivalent, plus a minimum of over four to seven years of effective experience involving management experience and newspaper and/or journalistic writing, and public relations. Relevant experience in higher education is desirable. Excellent

communication, writing, and management skills essential. **STAFF GRADE 6.**

*Technical Coordinator, Health and Human Development, Center for Locomotion Studies, University Park Campus

Responsible for the integration of software and hardware to accomplish data acquisition and analysis, responsible for the conduct of research and for the Laboratory's technical environment. Identify needs and plan for long-range acquisition of equipment in response to research needs. Requires bachelor's degree in computer science or related field plus two to four years effective experience with real-time data collection and human subjects research. Experience with Tektronix, VAX, PASCAL, FORTRAN and VMS preferred. **STAFF GRADE 7.**

*Applications Programmer/Analyst, Agriculture, Administrative Services, University Park Campus

Responsible to a senior analyst for conducting analyses, program design, coding, testing, and documenting activities associated with applications problems, for determining detailed requirements to solve problems, and for training users in the use of information improvements. Requires bachelor's degree or equivalent in agriculture or information technology related field plus one to two years of effective computer programming experience. Excellent oral and written communication skills are required including the ability to communicate technical information to non-technical audiences. Knowledge of communications protocols are required. Experience in a Digital VAX mainframe and Apple microcomputer on-line delivery system environment is preferred. **STAFF GRADE 6.**

Nominations for president are sought

The University invites applications and nominations for the position of president. The corporate authority for the management and governance of the University is vested by charter in the Board of Trustees. The president serves as the chief executive and educational officer of the University and is responsible to the Board of Trustees.

Candidates for this position should have a broad understanding of academic institutions; executive experience and proven leadership capacity; understanding and support for the University's multiple missions and its commitment to cultural diversity; evidence of experience in fiscal

management, and the ability to attract human and financial resources to the University. The position will be available on Sept. 1, 1990.

The Search and Screen Committee will review applications and nominations beginning immediately, and will continue to receive them until a candidate is selected. Nominations and applications, preferably accompanied by a resume or equivalent information, should be mailed to: Thomas L. Merritt, Chairman, University Presidential Search and Screen Committee, 205C Old Main, Box I, University Park.

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EMPLOYEE BENEFITS

The University's employee benefit program is outlined on page 7.

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University's enrollment rises to a record of 70,031

Enrollment at Penn State has risen to a record 70,031, with minority enrollments increasing to an all-time high of 4,957 students, or 7.2 percent of the total enrollment.

"Penn State continues to remain attractive in both Pennsylvania and in the nation in terms of the numbers of students who want to attend here," President Jordan said.

"The quality and cost of a Penn State education make it a highly desirable university. One out of every eight post-secondary students in the Commonwealth is enrolled at Penn State.

"Overall minority enrollment figures increased by 2.4 percent while total student enrollments rose by only 1.2 percent."

For the first time in at least seven years, the number of African American students did not increase.

"We are not pleased with that development," Dr. Jordan said. "Our commitment in these areas is long-term. There may be dips in specific categories in specific years, but the clear trend over the long haul is a significant increase in minority enrollments -- up 83.5 percent since 1982. We are committed to maintaining that upward trend.

"We remain concerned that some specific categories do not reflect the increase in recruitment efforts and programs the University has put into place in recent years," Dr. Jordan said.

Black graduate students, both degree and

non-degree, increased by 6.1 percent over 1988 figures.

"The decline in new black students coupled with the largest graduating class of African American students in the University's history last spring has contributed to the decline this year."

Minority student enrollment has increased from 2,701 or 4.3 percent in fall of 1982 to 4,957 or 7.2 percent in fall of 1989. Black student enrollment has increased from 1,587 or 2.5 percent in 1982 to 2,424 or 3.5 percent in 1989.

The breakdown for 1989:

-- American Indian: from 117 or 0.2 percent in 1988 to 109 or 0.2 percent in 1989.

-- Asian/Pacific Islander: from 1,386 or 2 percent in 1988 to 1,584 or 2.3 percent in 1989.

-- Black Non-Hispanic: from 2,580 or 3.7 percent in 1988 to 2,424 or 3.5 percent in 1989.

-- Hispanic: from 700 or 1.1 percent to 840 or 1.2 percent in 1989.

"By the end of the decade a third of the nation's schoolchildren will come from minority populations, and it is in the country's and the University's interest to be responsive to these under-represented peoples," Dr. Jordan said.

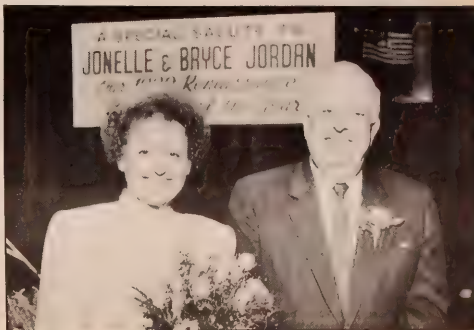
The largest increase in enrollment figures at Penn State occurred at the University Park Campus, with 448 additional students this fall. Other locations which showed a large increase in students this year include:

Harrisburg, 132; Delaware County, 114; Schuylkill, 108; Shenango, 118, and Worthington Scranton, 284.

Hispanic student enrollment increased by 80 or 10.5 percent, with Hispanic students coming from 28 of the 50 states. Blacks enrolling at Penn State represent 34 of the 50 states.

Universitywide, the College of Engineering is the single most popular academic college with 777 students enrolled. The College of the Liberal Arts is second with 3,876 students this fall, and the College of Business Administration is a close third place with 8,840 students.

See chart on page 3.



President Jordan and Jonelle Jordan were honored at the 13th annual Renaissance Scholarship Fund dinner Nov. 15. The \$80,000 raised at the dinner, which is the largest amount raised at a Renaissance Fund dinner, will enable the University to establish eight Renaissance Scholarships in the Jordans' name. Photo: Scott Johnson.

Trustees authorize development of research park

In an effort to spur statewide economic development, the Board of Trustees at its meeting Nov. 17 at University Park authorized the University to proceed with the planned development of a 130-acre research park on University lands.

After an extended "build-out" period stretching to the year 2000, the Penn State Research Park is expected to house 1.5 million square feet in facilities and employ about 3,000 persons, Gary Schultz, assistant vice president of operations and services, told Trustees.

The research park will be located at the intersection of the Park Avenue Extension and the Mount Nittany Expressway (U.S.

Route 322), about a mile east of Beaver Stadium. It will be built in three phases, with development of the first phase to occur between 1991-1993 at a cost of more than \$60 million.

The park's intent is to attract businesses and industries that can enhance their competitiveness by locating near a leading research university with a wide variety of academic strengths.

In doing so, the new industries will "broaden resources available to the University and assist in the economic revitalization of the state," Mr. Schultz said.

In turn, "the potential benefits to the community and state range from increased

employment opportunities and an enriched and more diversified economy to increased support for the arts," he added.

The University will lease -- not sell -- the land to firms identified as appropriate tenants.

The first phase of the research park will develop a 28-acre tract anchored by four buildings:

-- a University research and development laboratory of 100,000 square feet;

-- a technology center of 66,000 square feet that will house a business incubator to be operated by the Centre County Industrial Development Corp.

-- a University conference center of 112,000 feet; and,

-- a conference-type hotel, with 150 rooms, to be financed by private investors.

To finance the buildings, the trustees authorized the University to issue bonds not in excess of \$42.7 million.

Trustees also approved implementation of the business plan for the park, as well as a development services agreement between Penn State and the Research Park Management Corp., a wholly owned subsidiary of The Corporation for Penn State.

In addition, Trustees approved the acquisition of the research and development laboratory, the conference facility and the technology center from the Morlok Development Group of Philadelphia, which will design and construct the facilities on a turn-key basis.

The research park will feature a campus mall ambience, Mr. Schultz said. The design "will emphasize pedestrian walkways, open space and common area amenities to encourage interaction between academic and industry researchers."

In addition to providing sorely needed facilities for the University, the first phase of development will encourage the arrival of commercial research and development laboratories.

Total cost of the park, when finished, is projected at \$360 million.

The benefits to Penn State, Mr. Schultz said, will include:

-- increased industry-sponsored research, an area in which Penn State ranks third nationally among all universities;

-- increased internships and part-time jobs for students, as well as increased employment opportunities for students after graduation;

-- increased employment opportunities for spouses of faculty and staff;

-- increased consulting opportunities for faculty;

-- enhanced cultural diversity through increased minority and international representation in the workforce;

-- increased corporate funding of University programs; and,

-- an overall enhanced reputation for Penn State.

For industries locating in the park, Mr. Schultz said, the major benefits are:

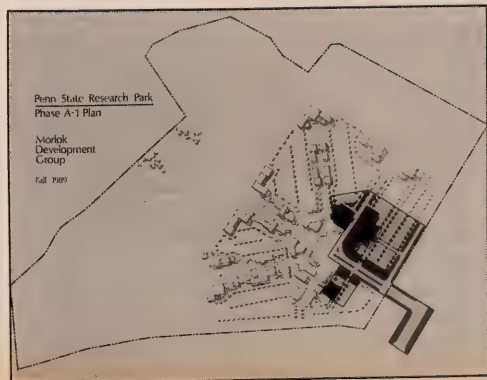
-- access to faculty research expertise;

-- access to students as part-time employees, as well as potential full-time employees following graduation;

-- access to University resources such as libraries, information systems, continuing education opportunities, and cultural activities;

-- part-time teaching opportunities for industry employees; and,

-- access to University laboratories.



Focus on Diversity

African American, Hispanic retention rates improving

Retention rates for African American and Hispanic students continue to show improvement and are closing the gap with retention rates for the overall student population at Penn State.

University officials reported to the Board of Trustees that the retention rates for black students after one year was 77 percent for fall 1988 freshmen, compared with an 83 percent retention rate for white students. Five years ago only 72 percent of African American students remained at Penn State into their second year.

It is difficult to predict what trends may develop in the next few years, but as we look back over changes in the past five years there is reason for optimism," Jerry Covert, associate dean for undergraduate education, said.

"There clearly has been some increase in retention rates for African American and Hispanic students in some categories. For instance, the gap between retention of blacks and whites after one year has been closing.

"The four-year retention rate started to show major improvement for students who entered the University between fall of 1984 and fall of 1985. We'll continue to monitor those figures closely as data becomes available for subsequent years."

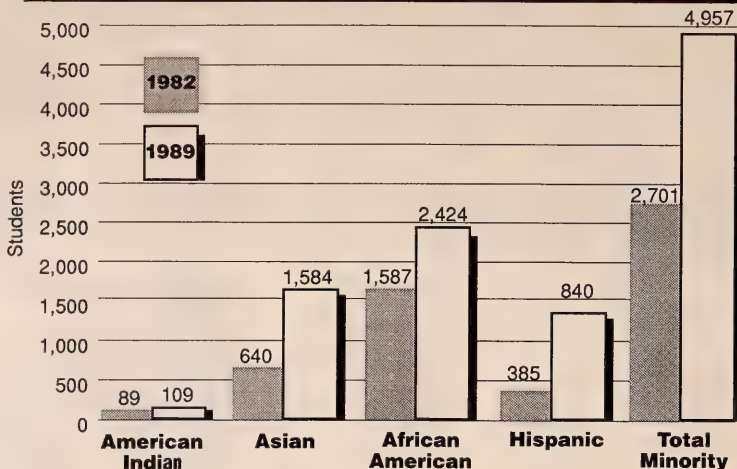
The four-year retention rate for African American students who first entered the University in the fall of 1984 was about 26.2 percentage points less than it was for white students. For African American students who entered the University in fall 1985, that gap had been closed to 18 percent.

There was a similar closing of the gap for Hispanic students during those two years. For the cohort of students entering the University in fall of 1984, there were 17.7 percent more Hispanic students leaving Penn State than white students after four

PENN STATE



Minority Enrollments Continue Climb



years of enrollment. For students entering in the fall of 1985, that difference had dropped to 6.8 percent.

Since August of 1986, the Office for Undergraduate Programs has been coordinating a comprehensive retention planning program which involves each college and campus within the University. Planning committees composed of students, faculty, staff and administrators have been targeting problem areas and offering proposals for projects to address any

weaknesses.

"The retention rates are not at the level we would like to see," Dr. Covert said. "But in context, it should be noted they do compare favorably with similar institutions nationally and with other universities in Pennsylvania."

Among statistics Dr. Covert reported to the Trustees include:

— In 1984, the one-year retention rate for African American students was 72 percent; for white students it was 84 percent; and

for Hispanic students it was 65 percent.

— For students entering the University in the fall of 1988, the one-year retention rate for African American students rose to 77 percent; for white students, it was a slight drop to 83 percent; and for Hispanic students, it rose to 78 percent.

"The data show continued progress toward achieving our goal of decreasing and eventually eliminating the percentage point difference between different student groups," he said.

Minority enrollment increases at Penn State Berks

Minority enrollment at the Penn State Berks Campus has increased dramatically this year, the President's Council on Undergraduate Recruitment and Retention has been told.

A total of 93 minority students are now enrolled and constitute 6 percent of the student body, Blain E. Steensland, director of student programs and services, said. The total compares with 46 minority students, or 3 percent of the study body, enrolled during Fall Semester 1988.

Of the current minority students, Mr. Steensland said, 25 are African-American,

29 are Hispanic-American or Puerto Rican, 32 are Asian-American or PAC Islander, and seven are foreign nationals.

He credited the cooperative effort of the Berks Campus staff, the Minority Recruitment Division of Undergraduate Admissions, MAPP and the Partnership Program for Berks' success in providing expanded service to minority students.

In his presentation to the Council, Frederick H. Gaige, campus executive officer, highlighted future plans for Berks, including construction of a 192-bed

residence hall facility and expansion of food services by August 1990.

The residential option, Dr. Gaige said, will provide the campus with opportunities to serve a more culturally and geographically diverse student population.

He outlined a number of new program initiatives at Penn State Berks, including the Penn State Partnership Program, inaugurated in the Reading School District.

"This program now brings the University's resources and commitment to serving at-risk students," he said. "Campus facilities and staff contribute to the

workshops, training programs and activities of the Partnership efforts."

Stam Zervanos, director of academic affairs, provided the Council with an overview of the academic retention services provided at Berks.

Citing the Targeted Advising Program (TAP) as being central to the campus' retention effort, Dr. Zervanos said that TAP focuses upon at-risk students and utilizes faculty members who meet with the students on a bi-weekly basis throughout the academic year.

Minority faculty and staff numbers increase

The number of full-time minority faculty and staff at Penn State increased by 7.2 percent for 1989, Billie S. Willis, assistant vice president for human resources and acting affirmative action officer, told Trustees.

In the fall of 1989 Penn State employed 854 full-time Hispanic, African American, American Indian/Alaskan Native, and Asian or Pacific Islanders.

Dr. Willis said the total minority employment at Penn State increased from 797 in 1988 to 854 in the fall of 1989, for a total increase of 57 additional minority employees.

The largest percentage increase was observed among Hispanics, with 19 percent more this year — including 11 additional Hispanics on our faculty," she said.

The changes in full-time minority

employees include:

— American Indian/Alaskan Native: 46 in 1989 compared to 47 in 1988, a decrease of -2.1 percent.

— Asian or Pacific Islander: 317 in 1989 compared to 296 in 1988, an increase of 7.1 percent.

— Black Non-Hispanic: 372 in 1989 compared to 354 in 1988, an increase of 5.1 percent.

— Hispanic: 119 in 1989 compared to 100 in 1988, an increase of 19 percent.

There are an additional 21 women in executive/administrative/managerial positions at Penn State this year and two fewer men in such jobs. This reflects an overall increase of women in this category of 14.2 percent over 1988 figures. Men in the executive/managerial category declined -0.3 percent.

There are an additional 336 women working at Penn State in 1989, or a 5 percent increase, compared to an additional 179 men, or a 2.6 percent increase.

"We are pleased that we have continued our progress in these important areas," Dr. Willis said. "But we still have a long way to go."

KWANZAA festival

The Paul Robeson Cultural Center, the Black Caucus, the Black Studies Program and the NOMMO Performing Arts Company will join forces to sponsor the annual celebration of KWANZAA at 7 p.m. Sunday, Dec. 3, in the Hetzel Union Building Ballroom at University Park.

KWANZAA is a spiritual festival and joyous celebration of the oneness and goodness of life, which claims no ties with any religion.

The focus of KWANZAA is centered around the seven principles (Nguzo Saba) with particular emphasis on the unity of black families. It is a time for gathering of families and for a rededication to manifesting the principles of KWANZAA (Nguzo Saba) as a way of life for black Americans.

KWANZAA has definite principles, practices and symbols which are geared to the social and spiritual needs of Afro-Americans. The reinforcing gestures are designed to strengthen the collective self-concept of Afro-Americans as a people, honor their past, critically evaluate their present, and commit themselves to a fuller, more productive future. KWANZAA is a way of life, not just a celebration. As a

(Continued on page 7)

From the Trustee Docket

New graduate school

The Board of Trustees has approved plans to establish a Graduate School of Public Policy and Administration.

The school will be created within the College of the Liberal Arts and the Graduate School from three existing units, including the Graduate Program in Policy Analysis, the Department of Public Administration and the Institute for Policy Research and Evaluation. The restructuring was recommended as part of the University's strategic planning process.

"Establishing a school recognizes the interrelationships of these units and builds on their existing strengths. The administrative consolidation will result in a more cohesive unit, and one which will have a stronger presence in both the Commonwealth and nationally," William C. Richardson, executive vice president and

University provost, said.

The graduate program in policy analysis is a two-year-old multi-disciplinary program in the College of the Liberal Arts that now has 19 master's degree students and three students in the doctoral minor program.

The Department of Public Administration, also in Liberal Arts, has offered a master's degree program since 1960. With a newly reconfigured curriculum, the department has applied for accreditation by the National Association of Schools of Public Affairs and Administration, a process which is expected to be completed late this spring.

The third component of the School, the Institute for Policy Research and Evaluation, is an interdisciplinary research unit in the Graduate School that is widely recognized as a premier research organization in the field of public policy

analysis. Last year it received \$1.2 million in external grants and contracts.

Planning for the school has been conducted in conjunction with the School of Public Affairs at Penn State Harrisburg, for a coordinated University-wide effort in public policy and analysis.

"By bringing together the academic and research efforts in policy analysis and public administration, the University can leverage its commitments and build a larger and better quality graduate program," Dr. Richardson said.

Sponsored research programs administered by the Institute for Policy Analysis and Evaluation will provide graduate assistantships. An integrated program of workshops and internships will help strengthen ties between Penn State and state government, making policy-oriented research, information, and

expertise more accessible to legislators and administrators.

The School will have a director, responsible for overall program planning, and budget administration, who will report to the dean of the College of the Liberal Arts and to the senior vice president for research and dean of the Graduate School.

Faculty members will be drawn from social science departments in the College of the Liberal Arts and from policy-related areas in other colleges, including Business Administration, Education and Health and Human Development. A national search will be conducted to find a director for the School.

Graduates will pursue a variety of careers, including environmental, economic, and health policy in state and local agencies, industry and private consulting firms.

Construction projects

Improvements to medical research, teaching and medical services facilities at The Milton S. Ebersole Medical Center have been approved by the Board of Trustees.

Trustees approved final plans and authorized the Medical Center to obtain bids for four construction projects, based on recommendations from the Medical Center Advisory Committee.

The projects include an expansion of the MRI (Magnetic Resonance Imaging) facility, the Hospital East Addition, Phase II of the Academic Addition and a new parking lot and expansion to existing lots east of the Medical Center. They will bring the size of the Hershey Medical Center physical plant to 2.3 million square feet.

The expansion of the MRI facility will be dedicated primarily to research, Michael B. Smith, chief of the Division of Nuclear Magnetic Resonance Research, said. The one-story, 6,500-square-foot building, which is part of the Department of Radiology,

will include the Center for Nuclear Magnetic Resonance Spectroscopy and Imaging.

The University Hospital East Addition is approximately 100,000 square feet in three levels, with one below ground. It was designed by Robert D. Lynn Associates of Philadelphia and will cost \$20 million. The project will involve relocating the current entrance to the hospital to the east side of the building. New roadways and driveway will be added.

The new entrance level will house the admissions facilities, gift shop and volunteer services. The second floor will house a new surgical intensive care unit. The changes will result in an expansion of operating room capacities.

Phase II of the Academic Addition will involve a seven-story (plus basement), 236,000-square-foot expansion extending south from the teaching and library wings of the Medical Center. Designed by Geddes Brecher Qualls Cunningham, P.C.,

Architects of Philadelphia, it will cost \$40.3 million.

The addition will include classrooms, laboratories, offices and student-use areas, as well as space for parking activities.

A 600-space parking lot will be constructed on the east side of the Medical Center.

In other construction-related action,

Trustees:

-- approved preliminary plans for three residential buildings for students at Penn State Erie, The Behrend College.

The buildings will be located west of Dobbins Hall and the existing apartment housing. Built in accordance with The Behrend College Master Plan, the project will house 192 students.

Each of the 12,165-square-foot buildings will consist of two floors with four suites of eight students per floor. Each building will include an individual suite for a resident adviser and a lounge area on the ground floor.

The project involves the construction of a pedestrian link, including an enclosed stairway tower.

-- approved construction of a new bookstore at the Berks Campus.

The 6,100-square-foot facility will be built north of Memorial Library. The one-story structure will contain a sales area, storage space, office and mechanical spaces.

-- approved final plans and authorized the University to obtain bids for the construction of a community building to serve the Eastview Terrace graduate apartments complex on the University Park Campus.

As designed by the Office of Physical Plant, the project will be located on the existing green area between Elm and Linden Roads. It will include two structures, totaling 1,700 square feet connected by an exterior courtyard.

One structure will house a self-service laundry facility while the other will house a community social area with a kitchen, restrooms and a vestibule.

Audit report

The Board of Trustees has received a report on the University's 1988-89 audited financial statements.

Kenneth S. Babe, corporate controller, said, "Penn State's assets and revenues continue to grow even at a time when the state's proportion of total revenues has declined." However, it is expected that this proportion will remain constant for 1989-90.

Total assets of the University as of June 30 were \$1.978 billion, about 122 percent greater than at the beginning of a 10-year comparative period starting with fiscal 1978-79. Total assets as of June 30, 1988, were \$1.819 billion.

Revenue received by the University in 1988-89 was \$1,087 million. This is a 175 percent increase over the \$395 million received in 1978-79. During 1987-88 the University's revenue was \$974 million.

State allocations in 1988-89 accounted for 21.0 cents of every dollar, or 21 percent of total revenue. Mr. Babe explained, "In 1978-79, state allocations were the largest single source of revenue for the University, accounting for 30.0 cents of every dollar."

Tuition and fees are now the largest single source of revenue. They accounted for 25.8 percent of total income in 1988-89. In 1978-79 these accounted for 21.2 percent of total revenues.

The annual audit was performed by Deloitte Haskins and Sells at the request of the University's Office for Finance and Operations, under the direction of Steve A. Garban, senior vice president for finance and operations and University treasurer.

In addition, Mr. Babe said, the University's own internal auditing staff prepared 22 separate reports for the 1988-89 fiscal year.

Also dropped was the option in production in the College of Arts and Architecture because it is part of the major, which leads to a bachelor of fine arts degree.

The performance option in the College of Arts and Architecture was dropped because officials say it is inappropriate for such specific training to be offered at the undergraduate level and that a rather broad-based liberal arts program is best for the students. This reflects the national trend and brings the department into compliance with standards of the National Association of Theatre Schools.

Educational programs

The Board of Trustees has approved a number of changes in undergraduate programs.

A major in actuarial science was added in the College of Business Administration. It will strengthen the existing program by providing distinct tracks for students in the mathematics major with an actuarial science option and the new major in actuarial science.

The option in general management and the option in human resources management at Penn State Erie, The Behrend College, was dropped because every business major is now required to take a course in labor relations and organizational process and structure.

PENNSTATE



Total Credit Enrollment by Location

Fall 1989 Compared to Fall 1988

	Fall 1989	Fall 1988	Change
University Park	37,623	37,175	448
Behrend	2,838	2,830	8
Capital	3,276	3,144	132
Total UP, BD & CL	43,737	43,149	588
Hershey	451	698	-247
Great Valley	1,030	886	144
Allentown	783	781	2
Altoona	2,615	2,604	11
Beaver	1,055	1,104	-49
Berks	1,489	1,440	49
Delaware County	1,975	1,861	114
DuBois	936	957	-21
Fayette	939	894	45
Hazleton	1,262	1,276	-14
McKeesport	1,380	1,463	-83
Mont Alto	942	970	-28
New Kensington	1,492	1,429	63
Ogontz	3,330	3,502	-172
Schuylkill	1,230	1,122	108
Sherango	1,196	1,078	118
Wilkes-Barre	848	980	-132
Worthington Scranton	1,295	1,321	-26
York	1,946	1,662	284
Total Commonwealth Campus	24,813	24,443	370
TOTAL CREDIT ENROLLMENT	70,031	69,176	855

Focus on the arts

Art critic to visit

An artist who writes about art, Robert Storr, currently a visiting professor at the Tyler School of Art in Philadelphia, will present three lectures at University Park.

Mr. Storr is the third of eight guest artist critics sponsored by the School of Visual Arts for the Visiting Artist Seminar Class series. His lectures will be at 7:30 p.m. Sunday, Nov. 26, and Monday, Nov. 27, in the Zoller Gallery next to the Palmer Museum and at 1:30 p.m. Tuesday, Nov. 28, in the Palmer Museum of Art.

Author of *Philip Guston and Louis Bourgeois*, published by Abbeville Press, and contributing editor for *Art in America* art journal, Mr. Storr has written hundreds of articles and essays on artists, such as Susan Rothenberg, Ross Bleckner, Man Ray, Nancy Spero and Anselm Kiefer.

His own paintings have been shown at the Jack Tilton Gallery, New York; The Leishan and Gay Community Services Center, New York; Rutgers University; Parsons School of Design; Harvard University; and Radcliffe College Cambridge.

A reception will follow Mr. Storr's lecture on Nov. 28. His lectures are free and open to the public.

'Festival of Trees'

"Doe Day," one of the special events planned for the Palmer Museum's "Festival of Trees," will be held from 11 a.m. to 3 p.m. Monday, Nov. 27, at the Palmer Museum of Art at University Park.

The program will begin at 11 a.m. with a gingerbread house-making demonstration by Elizabeth Lushi. Over the noon hour, vocalists Barbara Hies and pianist Dorothy Frazer will present "A Christmas Sampler," a selection of holiday music from the 20th century to the present.

From 1 to 3 p.m., Dana Gray of Lewinsburg will demonstrate how to make 19th-century Christmas decorations for the home and tree. Throughout "Doe Day," movies will be provided for children accompanying their parents.

As part of the "Festival of Trees" celebration, the Palmer Museum will hold a special "Children's Day" program from noon until 4 p.m. Saturday, Dec. 2.

From noon to 1 p.m., lunch will be available from a vendor's cart in the Museum breezeway. Beginning at 1 p.m., storyteller Alice Ritti will entertain youngsters with "The Tailor of Gloucester" by Beatrix Potter.

At 2 p.m., the Centre Hall Select Choir and the Penns Valley Recorder Band will give an hour performance, directed by Libby Pennock. The Park Forest Elementary Boy Choir, directed by Patricia Begg, will sing from 3 to 3:30 p.m.

At 3:30 p.m., the Music Academy Suzuki Violins, instructed by Lois Durrant, will give an hour performance. From 3 to 4:30 p.m., pre-registered children will decorate pre-baked and pre-assembled gingerbread houses with Judy Hackman. All events are free and open to public participation. For more information and registration, contact the Museum at 865-7672.

Symphonic wind ensemble

School of Music faculty members Eleanor Duncan Armstrong and Burt Fenner will be the focus of the Symphonic Wind Ensemble's concert at 8 p.m. Wednesday, Nov. 29, in the Recital Hall of the Music Building at University Park.

Ms. Armstrong, flute performer and teacher, will play *Descent into Pipes and Tabors*, an original work for solo flute and wind ensemble composed by Mr. Fenner in 1984 with a grant from the University's Institute for the Arts and Humanistic Studies.

Also on the program is *Prayer 1985* by Czech-born American composer Karel Husa. Written in response to the Soviet



Art critic Robert Storr will present three lectures at University Park. (See story this page.)

military suppression of Czechoslovak moves toward political reform and artistic freedom, *Prayer 1985* has become one of the most respected and significant works for wind band.

Several of the principal players of the Symphonic Wind Ensemble will be featured in the opening work of the program, American composer Fisher Tull's *Noctel*, an exploration of unusual sonorities for a mixed group of nine woodwind, brass, and percussion players. Concluding the program will be one of the earliest and most popular original compositions for band, Gustav Holst's *Second Suite in F*.

The concert, which is presented without charge, will be conducted by Smith Toulson.

'The Homecoming'

The New Play Workshop will present its third play of the fall season, "The Homecoming," by Renee Rankin, a senior communications major. Performances will be daily at 5 p.m. Wednesday, Nov. 29, through Friday, Dec. 1, in Room 119 Arts Building at University Park.

"The Homecoming" features an all black cast and revolves around the relationship of two sisters, who are reunited after four years. The younger sister returns home from college and develops a new closeness with her older sister, who is mentally retarded. Each helps the other to grow, redefining their relationships with their parents and breaking free from the patterns of their pasts.

"The Homecoming" is directed by Al Baker, a graduate student in the directing program in the Department of Theatre Arts.

Pops concert

The Penn State Philharmonic will present a Christmas "Pops Concert" at 8 p.m. Friday, Dec. 1, in the Recital Hall of the Music Building at University Park.

The program will include the overture to "Hansel and Gretel" by Engelbert Humperdinck, portions of "The Nutcracker" by Tchaikovsky and Symphony No. 2, "Romantic" by Howard Hanson. Favorite Christmas carols, such as "Good King Wenceslas," arranged by Arthur Harris for the Philadelphia Orchestra, also will be featured in the concert.

The concert is a benefit to support the orchestra's visit to Hungary and West Germany this spring. Tickets are \$2 for students and \$4 for non-students and may be ordered from any orchestra member or by calling 863-0696.

'The Imaginary Invalid'

The Penn State University Resident Theatre Company (URTC) production of Moliere's classic comic farce "The Imaginary Invalid" opens at 8 p.m. Friday, Dec. 1, in the Pavilion Theatre at University Park.

Additional performances are scheduled

for Saturday, Dec. 2, and Tuesday, Dec. 5, through Saturday, Dec. 9, with a matinee performance at 2 p.m. Saturday, Dec. 2.

"The Imaginary Invalid" is an ironic comedy that exposes the pretenses of the 17th-century French aristocracy. Richard Nichols, a Penn State faculty member and national chairman of the American College Theatre Festival, makes his URTC directing debut with "The Imaginary Invalid." The cast includes both graduate and undergraduate students.

The artistic staff includes set designer Bill Bloodgood, a resident scenic designer at Ashland Shakespeare Festival; costume designer Donna Lawrence, a second year MFA candidate at Penn State; lighting designer Anthony Hostetter, and sound designer Anthony Roman. Kevin Fry is the dramaturg for the production.

University choir

The Penn State University Choir will present a Christmas concert at 8 p.m. Saturday, Dec. 2, in Eisenhower Auditorium at University Park.

The program will feature "Fantasia on Christmas Carols" by Vaughan Williams with Richard Davis, faculty member in the School of Music, as baritone soloist, and "Magnificat" by C.T. Pachelbel. Other selections include works by Pierce, Dello Joio, Schult and Topf, as well as settings of Christmas carols and selections by the University Choir Chamber Ensemble.

The Penn State Concert Choir will assist the University Choir performing works by Willan, Britten, Bruckner and Mendelssohn.

Members of the University Brass and Penn State Trumpet Ensemble also will perform on the program.

Daniel Dauner, faculty member in School of Music, conducts the University Choir, and Russell Shelley is the assistant conductor.

Archaeology lecture

"The Desert Islands of Greece" is the subject of a lecture by Timothy E. Gregory, professor of history at Ohio State University, at 8 p.m. Wednesday, Dec. 6, in 101 Kern Graduate Center at University Park.

Hundreds of islands lie scattered through the seas of Greece. Some are famous tourist attractions, and a few were centers of ancient civilizations, but most are tiny windswept rocks with little or no vegetation and no water resources. Nevertheless, many of these desert islands are littered with archaeological evidence, especially from late antiquity and the early Middle Ages.

Dr. Gregory's lecture will describe the exploration of several of these islands, the logistics of investigating such scenic but harsh locations, and some of the finds that have been made. He will focus on the questions of why people once lived on these inhospitable islands and why they constructed large and impressive structures there.

He holds A.B., A.M. and Ph.D. degrees from the University of Michigan. He taught at Penn State from 1969 to 1972 and was Kress professor of the American School of Classical Studies at Athens.

The lecture is sponsored by the Central Pennsylvania Society of the Archaeological Institute of America and is co-sponsored by the Institute for the Arts and Humanistic Studies and the College of the Liberal Arts. It is free and open to the public.

Brass choir

The Penn State Brass Choir will present a sing-along Christmas carol concert at 12:10 p.m. Thursday, Dec. 7, in Eisenhower Chapel at University Park. The 20-minute concert will conclude the fall Bach's Lunch Concert series sponsored by the School of Music and the University Lutheran Parish.

The Brass Choir, directed by Mark Lusk, consists mainly of music majors in the School of Music. Members often perform in concerts on and off campus.

Children from several nearby daycare centers will be invited to attend the concert to sing along with the Brass Choir and Santa Claus.

The concert is free and open to the public. The audience is invited to bring their own bag lunches to eat after the concert in the Informal Lounge. Coffee and tea will be provided.

Ceramics display

Ceramics works by Egyptian artist Mohamed Agag will be exhibited in the Palmer Museum of Art stairwell gallery through Dec. 21.

Influences of the Islamic religion and Egyptian culture both past and present are evident in the sculptures and vessels. Birds, the Arabic alphabet and family are recurring images in his handbuilt, highly decorated stoneware.

His sculptures are constructed from clay slabs without plans or sketches. "There is no literal message I wish to convey in them," he says. "Each person will react to the forms in an individual way, depending on his or her experience, background and sense of form."

'The Nutcracker'

The Louisville Ballet returns to University Park for two performances of "The Nutcracker" staged in Eisenhower Auditorium at 8 p.m. Friday, Dec. 6 and 2 p.m. Saturday, Dec. 9. There will be special, half-priced tickets for children 12 and under.

Designed and choreographed by artistic director Alon Jones, the sets and costumes are rich with Victorian details, which reflects his English background. Following a traditional approach, the dancers use the classical ballet style from the Russian school and recreate Ivanov's original Russian choreography for the pas de deux.

In keeping with the holiday spirit, Santa will be on hand for the children before each performance. Also, the Center is helping collect non-perishable food items for the State College area food bank. Special boxes for your donations will be placed in the lobby of Eisenhower Auditorium.

Faculty/Staff Alerts

Mail service

Mail Service to the University community will be suspended from 5 p.m. Thursday, Dec. 21, through Monday, Jan. 1, 1990, due to the holidays.

If your department requires delivery of incoming U.S. mail, or processing of outgoing mail, please contact Frank Sinclair at 108 Business Services by calling 865-4051 prior to Dec. 8 to make these special arrangements. Any requests received after Dec. 8 will not be guaranteed special arrangements.



Campaign Milestones

July 1, 1984 -- The Campaign for Penn State, aiming to raise \$200 million over five years, begins with advance gifts phase.

September 1984 -- Penn State receives \$5.6 million Homer Braddock bequest for science scholarships.

September 1985 -- William A. Schreyer '48, chairman and chief executive officer of Merrill Lynch and Co., accepts invitation to serve as the Campaign's national chairman.

January 1986 -- Thirty-two-member Campaign Executive Committee and eight-member honorary Executive Committee recruited to provide volunteer leadership. Edward Hintz '59, Joe Paterno, and Frank P. Smeal '42 are named Campaign vice chairmen.

April 1986 -- James and Barbara Palmer of State College donate \$3.5 million to expand the Palmer Museum of Art, endow a chair in telecommunications, and support Pennsylvania Centre Stage.

September 1986 -- The Campaign is publicly launched. Advance gifts total \$65 million.

November 1986 -- Eberly Charitable Trust of Uniontown, Pa., gives \$10 million to establish eight endowed chairs in the College of Science, a biotechnology endowment, and a science endowment for Penn State Fayette Campus.

March 1987 -- Campaign Vice Chairman Edward Hintz launches regional major gifts effort. Volunteers seek gifts of \$10,000 or more in 15 geographic areas nationwide.

June 1987 -- Campaign achieves \$144.0 million in gifts and pledges, or 72 percent of its goal.

September 1987 -- The Challenge for Annual Support, headed by National Chairman Robert W. Moore '48 is launched to secure individual gifts of up to \$10,000 each.

March 1988 -- Student, Faculty and Staff and Community Challenges begin. Lloyd and Dorothy Huck '43 '43, of New Vernon, N.J., give \$2 million for biotechnology, a chair in medicine, and library acquisitions.

May 1988 -- New Campaign goal of \$300 million is announced and an extra year is added. Campaign will end June 30, 1990.

June 1988 -- \$6 million gift from H. Thomas Hollowell, in the form of his estate "Deerfield," puts Campaign over its original \$200 million goal.

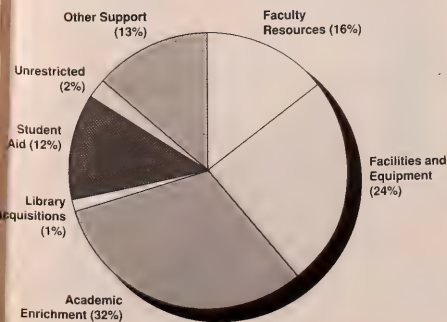
July 1988 -- Penn State enters "top 10" public universities that seek philanthropic dollars, raising \$50.3 million in 1987-88.

December 1988 -- Endowed faculty positions surpass 100, up from 19 at Campaign's outset. Endowed scholarships more than double, to nearly 1,000.

July 1989 -- Penn State completes best fund-raising year ever, having received \$55.2 million from 82,500 donors. Endowment surpasses \$170 million, up from \$58.0 million when Campaign began.

November 1989 -- WE DID IT! Campaign hits \$308 million and exceeds goal seven months ahead of schedule, thanks to a \$10 million gift from Frank and Mary Jean Smeal of Rumson, N.J., for endowments in the College of Business Administration.

Where the Funds Go



Smeals' gift puts Campaign for Penn State over goal

In a dramatic development, a vice chairman of The Campaign for Penn State and his wife announced they've made a \$10 million gift that pushed the Campaign over its \$300 million goal more than seven months ahead of schedule.

The gift from Frank P. and Mary Jean Smeal of Rumson, N.J., is the largest individual donation in the University's history, and equals a \$10 million donation from the Eberly Family Charitable Trust of Uniontown as the largest single contribution to the Campaign. Including their previous philanthropy, the Smeals are the Campaign's largest donors.

The Smeals' gift will endow faculty positions in the College of Business Administration.

"The gift is the most significant event in the history of our college," Dean J.D. Hammond said. "I am overwhelmed and close to speechless. It secures our role as a leader among the nation's major business schools, and no gift could have been made with better timing.

"The positive impact is endless," he added. "The college can recruit and retain the best professors, who will attract the best students. I am sure that among them will be another Frank or Mary Jean Smeal. Words can never quite capture the depth of our thanks, but the gratitude of our entire college and alumni always will reside with the Smeals."

The Smeals have been generous supporters of the University for nearly 20 years. Their prior gifts to the Campaign alone have totaled more than \$1.7 million.

"We are all absolutely delighted," President Jordan said.

"The Smeals' gift will have a profound effect on the University. I am confident that Penn Staters will respond to the Smeals' declaration of faith with unparalleled achievement. This will be the best 'thank you' we could give."

Frank Smeal, a limited partner of Goldman, Sachs and Co., spent his 38-year career on Wall Street as an expert in the municipal bond market. As executive vice president and treasurer at Morgan Guaranty Trust Co., he was instrumental in counseling New York City through its 1975-76 fiscal crisis. He became a partner and member of the senior management committee of Goldman Sachs in 1977 and retired in 1985.

Mr. Smeal spent the first two years of his collegiate career at Penn State DuBois Campus. A 1942 Phi Beta Kappa graduate in economics, he went on to earn a master's in business administration from Harvard University



Frank and Mary Jean Smeal (left of podium) are honored for their \$10 million gift at a ceremony on the steps of Old Main on Nov. 17.

in 1947 and a law degree from New York University in 1952.

He was born in rural Jefferson County, the son of a coal miner, and credits his mother, Mary, for inspiring him to seek a college degree. It took five years of working part-time and a mortgage on his parents' home before he could achieve his goal of a college education.

Mary Jean Smeal, a daughter of long-time Penn State botany professor Henry W. Popp, earned a bachelor of arts degree from Penn State in 1942.

In 1982, the Smeals endowed the Katy-Lehman Creative Writing Awards in memory of Mrs. Smeal's sister,

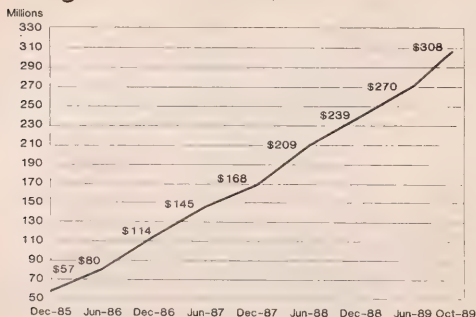
who was a journalist, and the wife of Penn State Alumni Association Executive Director Emeritus Ross B. Lehman. The following year, the Smeals established the Henry W. Popp Graduate Assistantship in Botany and Plant Pathology to aid advanced degree students. Mr. Smeal also was instrumental in creating the Goldman, Sachs and Co. and Frank P. Smeal University Endowed Fellowship in Business Administration with a \$100,000 endowment from Goldman Sachs.

In 1986, the couple made their largest previous contribution when they gave \$1 million to endow a faculty chair in the College of the Liberal Arts, the Mary Jean and Frank P. Smeal Chair in Literary Theory and Comparative Criticism.

Two years ago, the Smeals recognized the importance of the DuBois Campus with a \$600,000 lead gift in the campus's effort to raise \$2 million for a new academic building. This past summer, when the fund drive totaled \$1.85 million, they pledged to match further gifts until the goal is achieved.

Frank Smeal also is a former member of the Alumni Council and the executive board of the Alumni Association. He received Penn State's Distinguished Alumnus award in 1974, and in 1986 was named an Alumni Fellow of the College of the Liberal Arts. The DuBois Campus honored him as an outstanding alumnus in 1987.

The Campaign for Penn State Progress Towards \$300 Million Goal



Photos by
Scott Johnson

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BOARD OF TRUSTEES

Stories about the November Board of Trustees meeting appear on pages 1, 2 and 3 inside.

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Dec 27 1990

WE DID IT!

**The Campaign for Penn State
tops \$300 million goal**

Seven months ahead of schedule

Campaign surpasses \$300 million goal

A \$10 million gift from an alumni couple has put The Campaign for Penn State, a six-year effort to raise \$300 million in private support, over its goal more than seven months ahead of schedule.

Campaign Chairman William A. Schreyer, chairman and chief executive officer of Merrill Lynch & Co. Inc., and a Penn State alumnus, said Frank and Mary Jean Smeal of Rumson, N.J., designated their \$10 million gift for faculty endowments in the College of Business Administration.

Gifts and pledges to the Campaign, which aims to strengthen Penn State's academic programs, now total \$308 million.

The Campaign bolsters Penn State's reputation as one of the nation's greatest public universities. Mr. Schreyer told a gathering of Campaign volunteers, students and faculty on the steps of Old Main. "It has strengthened every one of our 11 colleges and 22 campuses statewide. It has shown how important philanthropy can be in helping a university reach its academic goals."

The Smeal gift ranks as the largest individual donation in Penn State's history and equals a \$10 million donation from the Eberly Family Charitable Trust of Uniontown as the largest single Campaign contribution. With their previous gifts to the Campaign -- including \$1 million for an endowed faculty chair in the College of the Liberal Arts and \$500,000 for an academic building at the Penn State DuBois Campus -- the Smeals are the Campaign's largest donors.

Frank Smeal, a limited partner in the investment firm of Goldman, Sachs and Co., is a Campaign vice chairman. He and Mrs. Smeal are 1942 graduates of the University.

The Campaign began July 1, 1984, and will end June 30, 1990. It has received gifts from more than 173,000 individuals and 11,500 corporations, associations and foundations.

President Jordan pointed to the results of these gifts.

"Penn State is in an excellent position to move forward during the 1990s," he said. "In a time of increased operating costs and below-average levels of state support, Campaign contributions are allowing us to recruit and retain talented faculty and provide financial help to countless students."

Since the Campaign began, \$49 million has been raised for faculty support, and the number of endowed faculty positions has increased from 19 to more than 107.

Donors have contributed \$37 million for student aid. Scholarship endowments and similar student awards have climbed from about 400 to more than 1,000.

More than \$97 million has been raised for academic enrichment, which includes endowed teaching and research



Campaign Chairman William A. Schreyer announces achievement of the Campaign goal.

programs, while \$75 million has been given for equipment and 'bricks and mortar' improvements. Nine new buildings at the Commonwealth Campuses are under construction or in the planning stages with Campaign funds.

Donors have given \$50 million for a variety of other academic enhancements, including \$6 million for unrestricted use. The University applies unrestricted support where the need is greatest.

The Campaign has involved more than 1,000 alumni and other volunteers nationwide who have made personal solicitations on behalf of the University. Dr. Jordan emphasized that these volunteers will continue to seek additional donations through the end of the Campaign.

"We need to continue raising funds for our most urgent needs, including undergraduate scholarships, graduate fellowships, the libraries and programs that promote cultural diversity."

Of the \$308 million received thus far, about 43 percent came from alumni and other individuals. Corporate gifts

accounted for 38 percent, and 11 percent came from charitable foundations. Other organizations gave the remaining 8 percent.

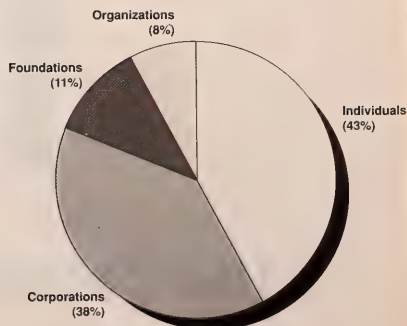
The Campaign for Penn State ranks among the five largest fund drives ever mounted by American public universities. Only the University of California at Berkeley and Ohio State University have larger goals -- \$400 million and \$350 million, respectively. Their campaigns are still in progress. The University of Minnesota and UCLA have completed \$300 million campaigns. All four institutions have surpassed their goals by significant amounts.

Mr. Schreyer attributed The Campaign for Penn State's success to the generosity of alumni and other donors and to the hard work of the volunteers. He singled out for special praise the members of the Campaign Planning Group: President Jordan; Campaign Vice Chairmen Edward Hintz, Joe Paterno and Frank Smeal; Campaign Treasurer Robert E. Eberly, and Annual Giving Chairman Robert W. Moore.



President Jordan praises the Smeals' generosity.

Where the Funds Come From



University Park Calendar

November 23— December 3 Special Events

Thursday, November 23

Thanksgiving Holiday—no classes through Nov. 26.

Monday, November 27

Festival of Trees, 11 a.m.-3 p.m., Doe Day, Palmer Museum of Art.
Comp. Lit. Luncheon, 12:15 p.m., 101 Kern.
Barry Goldfarb on "Will the Real Gorgias Please Stand Up!"

Tuesday, November 28

Commission for Women, meeting, 1-3 p.m., 256 Hammond.

Kent State Univ. and American College Personnel Assoc., Student Affairs Seminar Series, 6-9:30 p.m., 3 Pattee. Amy Reynolds, Univ. of Iowa, on "How Safe Will Our Campuses Be?"

Festival of Trees, 7 p.m., Penn State Singing Lions, Palmer Museum of Art.

Wednesday, November 29

Penn State Chapter of the National Association of Science Writers, Luncheon Roundtables, 11:30 a.m., 313 Kern. Robert Gannon on "Science Writers' Problems with Academic Presses." Reservations: Barbara Hale, 865-4682.
Center for Women Students, Brown Bag Lunch, noon-1 p.m., C.W.S. Lounge, 120 Bouckie. Jo Searies, Altoona, on "Hags, Horrors, and Hymns: Changing Views of Older Women."
School of Music, 8 p.m., Recital Hall. Penn State Symphonic Wind Ensemble.

Arts and Architecture, lecture, 8 p.m., Paul Robeson Cultural Center. Dr. Murry N. DeFillars, Va. Commonwealth Univ., on "Multiculturalism: The Neglected Voice of the African-American Artist."

Thursday, November 30

Festival of Trees, noon, University Brass, Palmer Museum of Art.
Bach's Lunch, 12:10 p.m., Eisenhower Chapel. Voice Studies of Suzanne Roy.

Women's Studies, Six Feminist Scholars, 8 p.m., HUB Gallery. Betty Vetter, Commission on Professionals in Science and Technology, on "Women in Science and Engineering: Progress and Problems."

Friday, December 1

Festival of Trees, 10 noon, Flute Ensemble of the Music Academy, Palmer Museum of Art.
Australia-New Zealand Studies Center, Australian Studies Program, lecture, 3:30 p.m., Eisenhower Chapel Lounge. Dr. Robert C. Doyle on "Remembering the Vietnam War Australian Style: An American Reports."

Geog. Coffee Hour, 4 p.m., 319 Walker. David Dilate, "Is the Map a Wamper? Forms and Functions of Graphics in Geography."
School of Music, 8 p.m., Recital Hall. Penn State Philharmonic.

Saturday, December 2

Festival of Trees, 11:30 a.m.-4:30 p.m., Children's Day, Palmer Museum of Art. Preregister, 865-7672.



Shown in a scene from "The Imaginary Invalid" are, from left, Debbie Damp, Debbie Gottfeld, Roger Bright and Keith Merritt. The University Resident Theatre Company's production opens Dec. 1 and continues through Dec. 9 in the Pavilion Theatre.

Shaver's Creek, 1-4 p.m., Wreathmaking Workshop. All Dec. 3. Call 863-2000.
School of Music, Christmas Choral Concert, 8 p.m., Eisenhower Aud. Univ. Choir and Concert Choir.

Sunday, December 3

Festival of Trees, 1 p.m., Music Academy Students, Palmer Museum of Art.
School of Music, Christmas Choral Concert, 2 p.m., Schwab Aud. Glee Club, Singing Lions and Women's Chorus.
Carnegie Hall Film Series, 7 p.m., Glass, Honor, Beauty Knows No Pain, No Lies, Pacific 231, Cornell, 9 p.m., The Family Game (1984), 4 Carnegie. Free.

Week IV, academic program director: Dr. Peter D. Bennett, associate dean and professor of marketing.

Seminars

Monday, November 27

Entomology, 3:45 p.m., 204 Patterson. Steven Tesler on "Community Structure of Mountain Blackfly."

Tuesday, November 28

Gerontology Center Colloquia, noon-1 p.m., 101 Health and Human Dev. East. Steven H. Zarit on "Interventions With Caregivers: Are They Effective and Why?"
Chemistry Colloquia, 3:30 p.m., 55 Osmond Lab. Alexander Pines, Univ. of Calif., Berkeley, on "Magnetic Moments."

History Colloquium, 4 p.m., Memorial Lounge.

Eisenhower Chapel, John Merriman, Yale Univ., on "The Margins of City Life. Explorations on the French Urban Frontier." Physics CAMP, 4 p.m., 339 Davey Lab. David Johnson, Schlumberger-Doll Research, on "Unified Theory of Geometrical Effects in Transport Properties of Porous Media."

Wednesday, November 29

International Center for Sport and Exercise Science, 4:30-6:30 p.m., Assembly Room, Nittany Lion Inn. John Lucas on "Recounting My Experience with the South Korean Parliament." Reservations: Sandy Heriman, 863-1163, by Nov. 24.

Chemedia Lectures in Science, 8 p.m., 117 Osmond Lab. Leon M. Lederman, Fermilab, on "Quarks and Cosmology." Also Nov. 30, 8 p.m., 117 Osmond Lab. The New Neutrino Experiment. Dec. 1, 2 p.m., HUB Assembly Room, "Where Will Our Future Physicists Come From?"

Public Radio

WPSU-FM 91.1 "All Things Considered"

Monday-Friday, 5:50-9:30 a.m. Saturday and Sunday, 5:50 p.m. Morning Edition, Monday-Friday, 6-8 a.m. Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m. "Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubinstein. "Perspectives," 6:30 p.m. Wednesdays, with Jeff Ballou. "Creative License," 12:30 p.m. Thursdays, with Aza Berlin and Pam Saulnier.

Conferences

Continuing Education

Keller Building

Nov. 30-Dec. 1, TREE: Theory, Experiment and Practice Workshop. Ian R. Harrison, professor of polymer science, chair; Eric Loop, coordinator.

Executive Programs

Dec. 13-15, Executive Management Program #70.

Thursday, November 30

Graduate Program in Ecology Seminar Series, 4 p.m., 111 Warrick. Raymond P. Morgan III, Univ. of Maryland and Frostburg State Univ., on "Acid Rain: A Maryland Perspective."
Friday, December 1
Astronomy, 1:15-4:25 p.m., 111 Tyson. Ikuko Yamamoto on "Benigrass Cultivar Identification by Electrophoresis."

Exhibits

Chambers Gallery

Art Student League Juried Exhibition, through Dec. 1.

HUB Galleries

Art Alley Cases:

C. Rae Bradley, Raxis Creations, through Dec. 8.

Art Alley Panels:

Iconographic History of the French Revolution: Two Centuries of Pictures and Symbols of the Republic, through Dec. 8.

Browsing Gallery:

1st Reunion in the Homocline Orb—when the sign of the morning peaks permeate through my window in the afternoon by Derynhan Lin, through Dec. 8.

Formal Gallery:

Art Alliance of Central Pennsylvania Open Juried Regional Show, through Dec. 1 (closed Nov. 22-27).

Kern Galleries

College of Health and Human Development Research Exhibition, through Nov. 30.

The French Revolution Machine, through Feb. 28.

Palmer Museum of Art

Festival of Trees, through Dec. 10.

James Drake, The Border/La Frontera, through Jan. 21.

Mohamed Agag, ceramics, Nov. 22-Dec. 21.

The Loti and Victor Smorgon Collection of Contemporary Australian Art, Dec. 3-Feb. 11.

Pattee Library

East Corridor Gallery:

Philip Sauerlander, Serigraphs-State College, Nov. 28-Jan. 26.

Lending Services:

Bill Hosterman, wildlife paintings, through Nov. 27.

Rare Books Room:

Three Poems by John Balaban, with illustrations by Jerrold Maddox, through Nov. 28.

Dorothy Roberts, Recent Poems, through Nov. 28.

Zoller Gallery

School of Visual Arts Faculty Exhibition, through Dec. 8.

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather-234, Arts Line-345, University Calendar-456.

University staff members honored for contributions

Twenty-six staff members were honored at a luncheon Oct. 18 and commended for their outstanding contributions to the execution of the graduate and research mission of the University.

In citing their contributions, Charles Hosler, senior vice president for research and dean of the Graduate School, said, "Penn State has moved into the ranks of the foremost research universities in the world. There are a number of reasons for that, but one of the most important is that we have a dedicated and talented staff who support our faculty and students in acquiring financing, executing the research, and administering the diverse activities that make up our scholarship and research efforts."

The awards luncheon is an annual event, and candidates for awards are nominated by the colleges and Intercollege Research Programs.

Special citations and a cash award went to Balba Briedis, coordinator of grants and contracts in the College of the Liberal Arts, and John McKee, coordinator of research

funds in the College of Engineering.

Ms. Briedis was cited for her development of a computerized library of faculty research interests to match with funding sources. Mr. McKee was cited for his service to the University in his efficiency and dependability to get things done in a very expeditious manner.

Fayette Campus

Lawrence Belan II, computer aide in the Computer Telecommunications Center at Penn State Fayette Campus, is the winner of this year's Fayette Campus Support Service Award.

He was chosen by a committee composed of faculty, staff and members of the Campus Advisory Board. He received a \$1,000 cash award and his name will be listed on the Support Services plaque in the Eberly Building at Penn State Fayette.

Mr. Belan, who has an associate degree in letters, arts and sciences, serves as a liaison between the Fayette and University Park campuses, and helped establish the

high-speed transmission facility for the University.

A free-lance computer consultant, he has provided programming assistance and

analysis for the Uniontown YMCA. He also currently is working as a regional coordinator for the American High School Mathematics Examination.



With Charles Hosler, center, senior vice president for research and dean of the Graduate School are, award winners John McKee and Balba Briedis.

Appointments

Suzanne L. Seiter has been appointed director of university relations at Penn State Great Valley.

In her new post, she will manage the center's public information and community relations efforts. She will plan and implement a long-range development program and will coordinate alumni affairs.

Prior to coming to Penn State, Ms. Seiter served as director of communications for the Foundation for Independent Colleges of Pennsylvania. She also has served as communication specialist for the Birmingham (Michigan) public school system and publications coordinator for the Oakland County (Michigan) Medical Society and the Cleveland (Ohio) Area Voter Information Center.

Ms. Seiter received a bachelor's degree in American studies from George Washington University and pursued graduate studies at Seton Hall University. She has received several awards of recognition, including the National School Public Relations Association Golden Achievement Award, NSPRA publications award for two consecutive years, and the Michigan School



Suzanne L. Seiter

Public Relations Association publications award, also for two years.

Susan B. Thomas has been appointed director of business and financial services at



Susan B. Thomas

Penn State Great Valley.

Ms. Thomas is responsible for the financial and business operations of the graduate center's facility. She also is responsible for personnel management,

security and physical plant operations of the center.

Before joining the staff at Penn State Great Valley, Ms. Thomas served as business manager of the Central Chester County Vocational Technical School in Coatesville. She also has served as assistant to the manager of accounting at Wyeth Laboratories Inc. of West Chester and in the personnel division of Schramm Inc. of West Chester.

She earned an associate degree in business from Goldey Beacom College and both bachelor's and master's degrees in business from Widener University. In addition, she has attained professional registration as a Pennsylvania Registered School Business Administrator and is an accredited asbestos coordinator.

Ms. Thomas holds membership in several professional organizations, including the Association of School Business Officials, the Pennsylvania Association of School Business Officials, the Delaware Valley Association of School Business Officials, and the Chester County Human Resources Association.

Enthusiastic participation seen in recycling project

As the second group of University Park buildings goes on-line in the recycling program, the University is seeing enthusiastic participation after just two weeks.

"So far, we have collected 1,060 pounds of containers and 6,100 pounds of paper which is above our initial expectations. Phil Melnick, manager of support services and special programs for Physical Plant, said

On Nov. 27, the following group will start recycling: Pollock Residence Halls (Beaver, Hartranft and Milflin), Boucke, Buckhout, McAllister, Osmond, Renouar,

Telecommunications, Wartik Building.

The program is being phased in gradually with completion expected in fall 1990.

Initially, there will be two separations: one for paper and one for containers. The rest will be considered non-recyclable trash and discarded as usual.

Recyclable paper includes white ledger paper (writing, typing and copy), newspaper, computer printout and corrugated cardboard. Containers include clear, green and amber glass, aluminum cans, plastic soda bottles, plastic milk and water jugs, and steel and tin metal cans.

The paper must be dry and not

contaminated by food. Also, containers should be rinsed before depositing in the collection boxes.

"We have had some problems with contamination of recyclables, in particular, glass and plastic chemical containers," he says. "Those kind of containers should be thrown away in the trash. We ask that people only recycle the specific materials listed."

Residence halls will have special barrels and boxes for recycling paper and containers in laundry rooms, workrooms, janitorial closets and other central locations. In offices and classroom buildings, central

containers will be located in office areas and corridors. All receptacles will be marked for recyclables.

The janitorial employees and a network of select individuals in each building have had a more detailed orientation, and they will be assisting with the program in their departments.

Additional information on the University Park Campus program is available by calling the Recycling Hotline: (814) 865-8000.

Bookshelf

David M. Bressoud, professor of mathematics, is the author of *Factorization and Primality Testing* published by Springer-Verlag.

Written with upper-level undergraduates in mathematics and computer science in mind, the new textbook aims to introduce

current research, give an appreciation for the results that have been produced throughout the history of number theory, and get students to use the computer to factor and prove primality.

In the introduction, Dr. Bressoud writes, "Factorization and primality testing is a very 'hot' area of current research; yet the research is still at a sufficiently elementary

level that most of the important breakthroughs made in the past few years are accessible to the undergraduate mathematics or computer science major."

Londa L. Schiebinger, assistant professor of history, is the author of *The Mind Has No Sex? Women in the Origins of Modern Science*, published by Harvard University Press.

Dr. Schiebinger says that, contrary to

popular belief, European women in the seventeenth and eighteenth centuries played a major role in the advancement of scientific knowledge in such areas as botany, astronomy, entomology and medicine.

The restructuring of science during the Enlightenment, however, eventually led to the exclusion of women from most fields of scientific research.

News in Brief

Christmas tree sale

The Penn State Forestry Society is selling Christmas trees this year for department, staff or home use. Species available are Douglas Fir, Scotch Pine, and Blue Spruce, all at \$4.00 a foot.

Delivery is free on campus. To order your tree, call 865-4317 Monday through Friday, from 8 a.m. to 5 p.m. Trees may be paid for by Interdepartmental Transfer or cash on delivery. Checks may be made payable to the Penn State Forestry Society.

Informal seminar

John Lucas, professor of exercise and sport science and an Olympics historian, will be the guest speaker at an informal seminar and reception sponsored by the International Center for Sport and Exercise Science.

He will speak on the topic "Recounting my Experience with the South Korean Parliament" during the event, which will be held from 4:30 to 6:30 p.m. Wednesday, Nov. 29, in the Assembly Room of the Nittany Lion Inn at University Park. The center is hosting the event to introduce its international student athletes, graduate students and

visiting scholars/faculty members.

Call Sandy Herriman at 863-1163 for reservations.

Open house

The Penn State Model Railroad Club will hold its Fall Open House from noon to 5 p.m. Friday, Dec. 1; 10 a.m. to 5 p.m. Saturday, Dec. 2; and noon to 5 p.m. Sunday, Dec. 3, in Room S-5 Hetzel Union Building at University Park. The open house will feature the club's operating HO scale layout. There is no admission charge.

Public lecture

Robert C. Doyle, instructor in American studies, will present a public lecture titled "Remembering the Vietnam War Australian Style: An American Reports" at 3:30 p.m. Friday, Dec. 1, in the lounge of Eisenhower Chapel at University Park.

Dr. Doyle, a Penn State graduate and Vietnam veteran, completed a two-week lecture and research tour in Australia in August to initiate a study of the connecting links between America and Australia in the research and teaching of the Vietnam War.

He will address several cross-cultural issues such as the Australian-American Vietnam veteran stereotype, popular culture's Vietnam War, and Australian-American shared legacies and concerns.

Project Renew grant

Applications are available for the Lucretia V.T. Simmons Project Renew Grant sponsored by the State College Branch of the American Association of University Women.

Purpose of the award is to support women who have interrupted their academic work for at least three years and wish to resume or continue their studies at this time. A grant of \$1,500 will be awarded to a woman resident of Centre County who has completed a minimum of one-fourth of the degree requirements for a baccalaureate or master's degree.

The award is named for Dr. Simmons, a past president of the State College AAUW Branch, who, in 1918, was the first woman on the Penn State faculty to become a full professor.

Members of the grant committee are Barbara Grubb, chairperson, Gwen

Bunnell, Virginia Eisenstein, and Susan Whitaker. Applications are available from Susan Whitaker, 512 Hillcrest Ave., State College. Deadline for submission is March 1, 1990.

Lunchtime roundtable

Robert Gannon, associate professor of English, will lead the first in a series of lunchtime roundtables sponsored by the Penn State Chapter of the National Association of Science Writers at 11:30 a.m. Wednesday, Nov. 29, in Room 313 Kern Building at University Park.

Professor Gannon, who is completing an anthology of prize winning science essays for Oryx Press, will lead a discussion of "Science Writers' Problems with Academic Presses."

The free lunchtime roundtables are open to anyone interested in science communication.

The Penn State Chapter of the National Association of Science Writers meets for lunch and discussion on the last Wednesday of each month. To make a reservation, call Barbara Hale at 863-4682.

Partings

Robert J. Graham, former associate provost and associate dean of faculty at Penn State Harrisburg, has retired from the University with 24 years of service. Dr. Graham has assumed new duties as vice president of academic affairs at Roosevelt University, Chicago.

Dr. Graham began his career at Penn State in September, 1965, as an assistant professor of English and secondary education at University park. He transferred to Penn State Harrisburg in 1969 as an assistant professor in humanities and American studies—later to become an associate professor and finally the head of the Humanities Division at Penn State Harrisburg.

In 1984 he accepted the office of senior associate provost and associate dean of faculty, chief academic officer, at Penn State Harrisburg.

Rex D. Jacobs, experimental and maintenance mechanic in the College of Engineering, has retired after 26 years of service.

Mr. Jacobs first came to Penn State as a machinist in 1958 upon his graduation from trade school. He also has worked for HRB Singer.

He worked in several departments in engineering and completed his service in the Department of Aerospace Engineering. There, he worked with many ventures, including building wind tunnels and



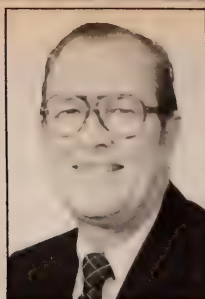
Robert J. Graham

assisting with student projects.

Mr. Jacobs plans to use his retirement to pursue his hobbies of hunting and fishing. He also will do some contracting work.

Mr. Jacobs and his wife of 26 years, Bonnie, are residents of Pennsylvania Furnace. Mrs. Jacobs is employed in the College of Business Administration.

Gene M. Love has retired as associate dean emeritus of resident education and professor emeritus of agricultural education after 22 years of service.



Gene M. Love

Dr. Love was the chief of party for the College of Agriculture's Swaziland Cropping Project from 1986 to 1988. From 1980 to 1986 he served as associate dean for resident education in the college and from 1975 to 1980, he was head of the Department of Agricultural and Extension Education.

As director of vocational teacher education at Penn State, Dr. Love was instrumental in organizing a comprehensive personnel development center for vocational teacher education.

In 1980, he received the Distinguished Service Award of the American Association of Teacher Educators in Agriculture, which is the highest recognition given in the country for leadership in teacher education in agriculture. In 1971, he received the Education Research Award of the American Institute of Cooperation.

For two years following graduation from Penn State in 1949, he taught agriculture courses at East Donegal High School, Maytown. From 1951 to 1954, he was a graduate fellow in agricultural education at Penn State. He earned his master of science degree in 1953 and the Ph.D. in 1954, both from Penn State.

Before returning to Penn State, Dr. Love was coordinator of agricultural education at the University of Missouri for nine years. He also has served on the faculty of Stanford University while on assignment in the Philippines.

He is past president of the American Association of Teacher Educators in Agriculture and past president of Phi Delta Kappa at Penn State.

He and his wife have two sons and two daughters.

James S. Fisher, assistant professor of biology, Atlanta, from July 1, 1965, to Oct. 1.

Paul A. Hironimus, heat and ventilation technician, Physical Plant, from Sept. 8, 1969, until Oct. 14.

organizations and other University units work together to help the Paul Robeson Cultural Center present this event.

Focus on the arts Odyssey on WPSU

In the eighth or ninth century, the Celts in Ireland, like most of their European neighbors, decided that they wanted to be descended from the great Classical and Biblical heroes. So they created such a history for themselves, explains Proincais Ni Chathain on the next "Odyssey Through Literature" episode, "Celtic Paths." Professor Ni Chathain is professor of early Irish literature at University College, Dublin, and an expert on early Irish liturgy. She also has taken part in characterizing the Derrynavallen treasure trove, discovered in 1980.

This Celtic pseudo-history, says guest host Michael Bernosky, is cause for reflection on the making of history. "Very frequently," he notes, "we recreate the past to serve our own needs."

"It's a universal of literature and history," agrees Professor Ni Chathain, "but there must be sort of matrix, a core that has some truth."

"Odyssey Through Literature" is produced by the Comparative Literature Department and airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Focus on Diversity

(Continued from page 2)

living social practice, it is a time of actual remembering, reassessing, recommitting, rewarding and rejoicing.

For more information, contact Lawrence W. Young, director, Paul Robeson Cultural Center, at 865-1779.

Winter Ball

Tickets are on sale for the Winter Ball to be held from 8 p.m. to midnight, Saturday, Dec. 9, at the Nittany Lion Inn, sponsored by the Central Pennsylvania Women of Color.

Entertainment will be provided by "Passport," a band playing Latin, soul and rock 'n' roll, and "The Doctor," a disc jockey who will play Motown music. Tickets are \$10 per person. There will be hors d'oeuvres, and a cash bar is available.

For tickets, contact Beverly Ladrido, 865-8366; Vicki Fong, 865-7517; Ann Shields, 865-0621; Robyn Garner, 865-5403.

Carolyn Napoleon, 237-8053; Vicki Jackson, 238-1666; or Vivian Griffith, 237-0807.

Support has been provided by the Equal Opportunity Planning Committee.

Christmas party

The Annual International Children's Christmas Party, sponsored by the Paul Robeson Cultural Center, will take place from 1 to 3 p.m. Saturday, Dec. 2, in the auditorium of the Robeson Center. The party is open to parents and children of all nationalities.

The 1989 theme "The Spirit of Christmas: Giving for the Children" was chosen again this year to encourage the children to think of giving as well as receiving. Each child attending is being asked to bring a non-perishable food item to share with a child less fortunate. All food items will be donated to the State College Area Food Bank.

There will be storytelling, refreshments, caroling, and Santa and his elves will hand out gifts to each child. There also will be door prizes for the parents.

State College merchants, student

Diversity Calendar

Wednesday, Nov. 29
Center for Women Studies, noon, 120 Bouckie Building. Brown Bag Lunch Series: Jo Seales, Penn State Altoona Campus, on "Hags, Horrors and Hymns: Changing Views of Older Women."

Women's Interest Programming, Penn State Worthington Scranton Campus, 1 p.m. cafeteria of the Study/Learning Center. Presentation and discussion of film, "Against Her Will."

WPSU radio, 91.1 FM, 6:30 p.m., "Perspectives," "Pro and Con: Interracial relationships and the African American community," radio talk/discussion.

Thursday, Nov. 30
Women's Studies, 8 p.m., HUB Gallery. Betty Vetter on "Women in Science and Engineering."

Saturday, Dec. 2
Paul Robeson Cultural Center, 1 to 3 p.m., Paul Robeson Cultural Center Auditorium. International Children's Party.

Faculty/Staff Alerts

Holiday schedule

University offices and operations, except for essential services and operations, will close at the normal end-of-business times on Thursday, Dec. 21, and will resume at normal starting times on Tuesday, Jan. 2.

The official University holidays are Friday, Dec. 22; Monday, Dec. 25; Tuesday, Dec. 26; Wednesday, Dec. 27; Thursday, Dec. 28; Friday, Dec. 29; and Monday, Jan. 1.

This schedule and payroll information is not applicable for the Milton S. Hershhey Medical Center, since employees there earn service days in lieu of the extra December holidays.

Questions regarding the above holiday information should be directed to the appropriate college or department personnel representative, or director of business services at a facility away from University Park.

Nobel laureate will present Chemerda lecture

Nobel laureate Leon Lederman, professor of physics at the University of Chicago and director emeritus of Fermi National Accelerator Laboratory (Fermilab) in Batavia, Ill., will give the 1989 Chemerda Lectures in Science Nov. 29 through Dec. 1 at University Park.

The three, free public lectures on the theme "Particles, Cosmology, and Science Education," are sponsored by the College of Science.

The lecture schedule is: "Quarks and Cosmology," 8 p.m. Wednesday, Nov. 29, Room 117 Osmond Laboratory; "The Two Neutrino Experiment," 8 p.m. Thursday, Nov. 30, Room 117 Osmond Laboratory; "Where Will Our Future Physicists Come From?" 2 p.m. Friday, Dec. 1, HUB Assembly Room.

Dr. Lederman shared the 1988 Nobel Prize in Physics with Melvin Schwartz and Jack Steinberger. They were recognized for using the first laboratory-made beam of neutrinos, elusive particles that play a

fundamental role in the structure of matter.

In addition to winning the Nobel Prize, Dr. Lederman also has been honored with the National Medal of Science, the Wolf Prize in Physics, Franklin Institute's Elliott Cresson Medal, a Ford Foundation Fellowship, and a Guggenheim Foundation Fellowship. A member of the National Academy of Sciences, he also is a Fellow of the American Physical Society and the American Academy of Arts and Sciences.

Dr. Lederman joined the Columbia University faculty in 1951. He served as director of Nevis Laboratories from 1962 to 1979 and was named director of Fermilab in 1979. He joined the University of Chicago faculty in 1989.

The Chemerda Lectures in Science are named in honor of John M. Chemerda, a member of Penn State's class of 1935. The lectures are supported by a grant from Merck and Co. Inc., made in connection with an award conferred on Mr. Chemerda by Merck's board of directors.



Leon Lederman

Named in Arts and Architecture

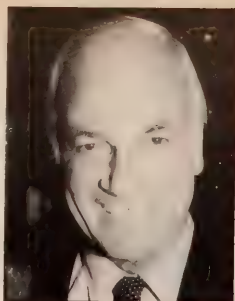
Two Alumni Fellows will visit college

David N. Pincus and Murry N. DePillars have been named 1989-90 Alumni Fellows for the College of Arts and Architecture. Both will be on campus Nov. 27 to 29.

Mr. Pincus, who received a B.A. in arts and letters from Penn State in 1948, is the owner of Pincus Brothers Maxwell (PBM), the largest clothing manufacturer in Philadelphia. He also is one of the nation's most important collectors of modern and contemporary art with works by such artists as DeKooning, Jackson Pollock, Alexander Calder, Andy Warhol and Henri Matisse in his private collection.

He also is known as a philanthropist who works from the streets to the boardroom to help the disadvantaged. His projects range from providing clothing and food for Philadelphia's homeless to his funding of cancer and AIDS research to his involvement with Oxfam, which supplies food, medicine and clothing to Ethiopia, to C.A.R.E., Save the Children and the Elan Center, a sports center for the disabled in Israel.

Dr. DePillars, who received his doctorate from Penn State in 1976, has been dean of the School of Arts at Virginia Commonwealth University since 1976. Under his direction, the school has become one of the largest and most prominent university-affiliated arts programs in the



David N. Pincus

country.

He has been active in promoting art education, Afro-American art and jazz on the national and international levels and recently served as chairman of the National Endowment for the Arts Expansion Arts Panel. His own art has appeared in more than two dozen exhibitions, including shows at the Whitney Museum of American Art and the Studio Museum in



Murry N. DePillars

Harlem. His work also was included in "Tradition and Conflict: Images of a Turbulent Decade, 1963-1973," which traveled throughout the country for three years.

Dr. DePillars will present a public lecture on "Multiculturalism: The Neglected Voice of the African-American Artist" at 8 p.m. Wednesday, Nov. 29, at the Paul Robeson Cultural Center.

President Jordan is named to sports panel

President Jordan is one of eight university presidents named to the Knight Foundation Sports Panel, which seeks reforms in intercollegiate athletics.

The presidents represent major conferences and independent colleges. Dr. Jordan will represent independent institutions that are not part of a conference.

Established in September with a mandate to propose a reform agenda for intercollegiate athletics, the commission is headed by the Rev. Theodore M. Hesburgh, president emeritus of the University of Notre Dame, and William Friday, president emeritus of the University of North Carolina. They are serving as co-chairmen.

"The Knight Foundation is gratified that such an outstanding group has agreed to join Father Hesburgh and Dr. Friday in this important undertaking," said Foundation President Creed Black, who will serve as an ex-officio member of the commission.

Father Hesburgh and Dr. Friday said they will recommend that the commission seek the advice of conference commissioners, athletic directors, coaches and faculty members and that representatives of these groups be actively consulted in the work of the commission.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. The announcement is made so that all University employees who are interested in promotion **MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304).** Applications for these staff vacancies will be accepted until Nov. 30, 1989. **DO NOT CONTACT THE AREA THAT HAS THE VACANCY.** Applications for staff vacancies are considered in accordance with HR Employment practices (PS 11) and in compliance with the University Antidiscrimination Action compliance program without regard to race, color, religion, national origin, handicap or age as provided by laws, rules, or statutes as a disabled or a Vietnam era veteran.

• **Research Aide, Agriculture, Poultry Science, University Park Campus** - Responsible to the manager, Poultry Research Farm, for performing and assisting faculty in various research activities. Assisted in performance of specific procedures such as artificial insemination, blood sampling, necropsy processing of plasma or serum and in the preparation of tissue for storage or histopathology procedures. Requires bachelor's degree or equivalent in poultry animal science or related field plus nine to 12 months of effective laboratory experience. **STAFF GRADE 4.**

• **Senior Technical Specialist (Economic Development, Senior Vice President for Research and Dean of the Graduate School, Associate Vice President for Sponsored Programs, Technology Transfer and Industrial Liaison, Penn State Harrisburg** - Responsible to the associate vice president for sponsored programs, technology transfer and industrial liaison, and the director, PENNTAP, for serving as a resource person for clients interested in economic development. Requires master's degree, or equivalent in civil engineering and/or transportation engineering plus over seven years of effective experience, particularly in accident reconstruction analysis, demonstration of highway traffic engineering and safety programs and computer software. Professional engineer's license desired. **THIS IS A FIXED-TERM POSITION FUNDED THROUGH DEC. 31, 1990. WITH CONTINUED FUNDING EXPECTED. STAFF GRADE 9.**

• **Assistant Manager, University Fitness Center, College of Medicine, Office of the Associate Vice President for Administration and Operations, The Milton S. Hershey Medical Center** - Responsible to the manager, University Fitness Center, for assistance in administering the center to include activities with program development, program organizing activities and maintaining schedules. Requires bachelor's degree or equivalent in physical education, recreation education, or preventative and rehabilitative exercise plus one to two years of

effective experience. Management and/or teaching experience desirable. **STAFF GRADE 4.**

• **Foreman, Environmental Health, University Health, The Milton S. Hershey Medical Center** - Responsible to the EPH shift supervisor for planning, scheduling and supervising the work of the housekeeping crew. Requires high school education with a minimum of two to three years of effective experience, including some supervisory experience in janitorial service or related area plus an indication of leadership qualities. Must possess a valid driver's license. **POSITION WORKS MONDAY THROUGH FRIDAY 11 p.m. to 7:30 a.m. STAFF GRADE 4.**

• **Histopathology Technologist, University Hospital, Anatomic Pathology, The Milton S. Hershey Medical Center** - Responsible to the chief Surgical Pathology Laboratory for the performance of various procedures, techniques and processes utilized in the lab. Requires associate degree and ASCP (HIT) Registration or equivalent and one to two years effective experience. **STAFF GRADE 4.**

• **Quality Assurance Analyst, College of Medicine, The Department of Quality Assurance, The Milton S. Hershey Medical Center** - Responsible to the manager, quality assurance/risk management, for providing guidance, direction and support in setting up quality assurance activities for assigned areas, as well as the analysis of obtained data. Requires bachelor's degree, or equivalent, in an allied health area such as medical technology, pharmacy, respiratory therapy or nursing plus at least two years of effective experience. **STAFF GRADE 0.**

• **Coordinator, Campus Residential Life, Beaver Campus, CTS** - Responsible to the director of student programs and services for carrying out specific responsibilities for the Residence Hall Program including administration of the conduct standards system; selection and supervision of student assistants; developing cultural, social and educational programs; and counseling of students. Requires bachelor's degree, or equivalent, plus at least one to two years of effective experience, or a master's degree, or equivalent, in student personnel or related field with three to six months residence hall experience. **THIS IS A CONTINUOUS, 10-MONTH APPOINTMENT - LIVE-IN POSITION. STAFF GRADE 0.**

• **Financial Aid Coordinator, Academic Services, Student Aid, University Park Campus** - Responsible to the assistant director, student services and Commonwealth Campuses, for advising and counseling students on financial aid matters, such as application procedures and eligibility for various state, federal and institutional student aid programs. Also responsible for the internal administration of all financial aid programs. Requires bachelor's degree or equivalent plus one to two years of effective experience in an area applicable to aid administration. Excellent oral and written

communication skills also required. **STAFF GRADE 0.**

• **Program Manager, Agriculture, Cooperative Extension, University Park Campus** - Responsible to a regional director of cooperative extension for program administration of the Expanded Food and Nutrition Education Program (EFNEP) for both adults and youth. Supervise program assistant interview, hire and evaluate performance. Review and evaluate program management materials and procedures for local EFNEP programs; plan and conduct unit program reviews. Requires master's degree or equivalent in nutrition or in a related field and two to four years of experience working in program administration and with low-income families. Experience in computerized management systems preferred. **STAFF GRADE 7.**

• **Nursing Manager, College of Medicine, Nursing/Neonatal Intensive Care Unit, The Milton S. Hershey Medical Center** - Responsible to the assistant hospital director/director of nursing services or the assistant director of nursing services as designated for the operation of the patient care unit, including nursing care activities, the coordination of patient care services, and maintaining acceptable standards of good patient care on a 24-hour basis. Requires bachelor's degree in nursing or equivalent, plus three to four years of effective experience and licensed to practice as a registered nurse by the Pennsylvania State Board of Nurse Examiners. MSN preferred. **STAFF GRADE 7.**

• **Administrative Aide, College of Science, Chemistry Department, University Park Campus** - Responsible to the department head for coordinating administrative functions of the Department of Chemistry and serving as liaison with other University colleges, departments and outside representatives. Requires high school and two years of a business or secretarial school, or equivalent, plus two to four years effective experience in a position exhibiting independence, responsibility and supervisory skills. **STAFF GRADE 5.**

• **Assistant Project Director, Delaware County Campus, Continuing Education** - Responsible to the project director, Composite Structures Manufacturing Technology Program, for the ongoing activities of the program and related laboratory facilities, including facilities operation, fiscal management, safety and maintenance. Requires master's degree, or equivalent, in engineering, plus three to four years of effective experience in the manufacturing and processing of thermosetting composites and the development and fabrication of polymer matrix and other composites. Previous supervisory experience in a research and development setting is required. **THIS IS A FIXED-TERM POSITION FUNDED FOR SIX MONTHS WITH POSSIBILITY OF RE-FUNDING. STAFF GRADE 8.**

• **Engineering Aide, Delaware County Campus, Continuing Education** - Responsible to the assistant project director for providing assistance in laboratory

activities related to instruction and research and for the construction, maintenance and operation of laboratory equipment in conjunction with research and instructional activities. Requires associate degree or equivalent, in aerospace or mechanical engineering, plus two to four years of effective experience related to the manufacturing of composite materials. **THIS IS A FIXED-TERM POSITION FOR SIX MONTHS WITH POSSIBILITY OF RE-FUNDING. STAFF GRADE 5.**

• **College Health Nurse, Student Services, University Health Services, University Park Campus** - Responsible to head college health nurse for providing nursing services in the out-patient department and urgent care clinic and for assisting licensed physicians in patient care. Requires graduation from an accredited nursing program and current licensure in the state of Pennsylvania as a registered nurse, plus six to nine months of effective experience. Past experience working in an emergency room setting or an acute ambulatory care clinic is desirable. Proficiency in I.V. administration and physical assessment also is highly desirable. **THIS IS A FULL-TIME, CONTINUING NINE-MONTH POSITION. THE SHIFT IS DAYTIME WITH ALTERNATING WEEKENDS. PNA POSITION.**

In addition, there are a number of positions that, because of the frequency with which they become vacant, are still available after employees in the work unit have been considered. Some such positions are available on a fairly regular basis. They are not announced each time they are open. Instead, they are announced periodically so a pool of interested candidates can be developed. Applications for such positions may be made at any time, and you are welcome to make your interest known to the Employment Division for further consideration when such vacancies occur. These positions are:

Position title	Location
Assistant Research Engineer	ARL
Associate Research Engineer	ARL
Research Engineer	ARL
Senior Research Engineer	ARL
Cardiology Technician	Hershey
Clinical Laboratory Assistant	Hershey
Clinical Laboratory Technologist (HEW)	Hershey
Clinical Nursing Specialist	Hershey
Cyto-Technologist	Hershey
Hemodialysis Technician	Hershey
Licensed Practical Nurse	Hershey
Medical Technologist	Hershey
Nuclear Medicine Technologist	Hershey
Ophthalmic Technologist	Hershey
Perfusionist	Hershey
Pharmacist	Hershey
Physical Therapist	Hershey
Physician Assistant	Hershey
Psychiatric Assistant	Hershey
Radiologic Technologist (Jr. or Sr. levels)	Hershey
Respiratory Therapy Technician	Hershey



Deike, Harrell selected by Alumni Association

DEC 27

Two University supporters named Honorary Alumni

Two supporters of Penn State have been selected by the Alumni Association to receive Honorary Alumni honors.

They are:

- Anne B. Deike of Pittsburgh, long-time friend and benefactor of the University, and

- George T. Harrell, M.D., vice president emeritus for medical sciences and founding dean of the College of Medicine at Penn State.

The Honorary Alumni Award was established in 1973 and honors people who, though not graduates of Penn State, have contributed toward the welfare, reputation

or prestige of the University. The award is given only when the Alumni Association wishes to honor outstanding individuals.

Mrs. Deike is the widow of George H. Deike Jr., a Penn State graduate and former member of the Board of Trustees. During her husband's tenure on the Board, Mrs. Deike organized many social events for members of the Penn State family.

The Deikes endowed one of the first athletic grant-in-aid scholarships at the University. Mrs. Deike annually sponsored an alumni luncheon in Naples, Fla., as well as an event in Pittsburgh every other year. She also works with the Pittsburgh Civic

Light Opera and sponsors bus trips for underprivileged children.

In November 1964, Dr. Harrell was appointed dean of the College of Medicine and director of The Milton S. Hershey Medical Center. The title of director was changed to provost in 1971, and in 1972 he was named vice president for medical sciences at the University.

Dr. Harrell previously was a faculty member at Duke University School of Medicine from 1939-41, the Bowman-Gray School of Medicine at Wake Forest University from 1941-54 and dean of the

College of Medicine at the University of Florida from 1954.

Dr. Harrell continues to lecture and serve as a consultant to medical schools around the world. He also has researched and published a series of articles on the life and family of Sir William Osler, considered by many to be the founder of current American medical education.

These Two Honorary Alumni bring to 28 the number of people who have received the award. Others include Milton S. Eisenhower, John W. Oswald, Joe Paterno, Eric A. Walker, Heinz Warneke and Bryce and Jonelle Jordan.

Task force on international relations, philanthropy formed

Penn State's effort to forge new, long-term relationships with industry and alumni has developed a distinctive international flavor, thanks to a University Task Force on International Relations and Philanthropy.

Recent grants of nearly \$1 million from Japan and the Republic of China (Taiwan) indicate that Pacific Rim countries are recognizing the University's significant resources for research and cultural development.

"The mutual benefits are becoming more clear to these nations," President Jordan said. "Penn State offers expertise in science and engineering, as well as in solving problems of international trade and cooperation. We're getting our message across."

"Penn State's reputation already has made it the university of choice for hundreds of students from the Far East," William C. Richardson, executive vice president and provost, added. "Our task now is to carry this message further, into the boardrooms and research laboratories in areas such as Japan, Korea, Taiwan, China and Singapore."

Dr. Richardson will visit several of these

key Asian nations early next year to discuss the nature and content of their future relationship with the University and to meet with alumni.

The 11-member task force was assembled by G. David Gearhart, senior vice president for development and university relations. Members represent the Colleges of Engineering and Business Administration, the International Student Program, the International Alumni Activities office, the Materials Research Laboratory, the Career Development and Placement Center, the Office of the President, the Office of Governmental Affairs and the Office of University Development.

The group's mission is to strengthen relationships with international corporations in both research and philanthropy, and encourage cooperation in research and student and faculty exchanges with other universities in the region.

These activities have already begun to bear fruit.

The government of the Republic of China (Taiwan) has committed \$652,000 to the University's Center for East Asian

(Continued on page 7)



Photo: Scott Johnson

Berks Campus campaign

Kicking off the Penn State Berks Campus Campaign on Nov. 14 are, from left, Frederick H. Gaige, campus executive officer; Thomas A. Beaver, campaign chairman; President Jordan, and William A. Schreyer, chairman of The Campaign for Penn State. See the story on page 2.

Many religious holidays being celebrated

During December, the symbols and sounds of the holiday season predominate in the University and local community. In the festive surroundings, it is easy to forget that many religious holidays are celebrated at this time.

For instance, Buddhists observe Bodhi Day (Enlightenment) Dec. 8, African-Americans celebrate KWANZAA Dec. 26 through Jan. 1 and Jews begin their observance of Chanukah Dec. 28.

"Among Christians, there often is the assumption that everyone celebrates Christmas," Thomas G. Poole, director of Eisenhower Chapel, said. "This assumption leads to problems. For non-Christians, the Christmas holiday poses a cultural problem."

It is nearly impossible to escape from the secular and religious symbols of the season. Seasonal decorations are displayed both indoors and outdoors, and Christmas music is played in many locations, such as stores.

"Members of the Jewish community find themselves confronted with what has become almost a national holiday," Dr. Poole said. "As a result, Chanukah has taken on increased significance to meet the challenge of what some Jews call 'the December problem.'"

As University faculty and staff members decorate for the December holiday season, they should consider an approach that includes a celebration of all the religious holidays observed during the month, he said.

Patricia C. Peterson, assistant vice president of the Division of Campus Life, agreed. She encourages faculty and staff members to think about creating secular displays, or if they want to include religious symbols in a display, to consider placing symbols from all religions celebrated at this time. For example, they could include a nativity scene, a menorah, a Buddha and a Kinara (KWANZAA candle holder for seven candles) together with Christmas trees or other seasonal decorations to symbolize the several religious observances of the season.

She also suggested that offices decorate throughout the year using symbols of other religions at the appropriate time.

"In decorating University offices, it's important that offices don't appear to represent a single religion. We need to recognize the diversity of religions and religious symbols when decorating for the holidays."

Mrs. Peterson's office also places copies of

informational sheets describing the purpose of each religious observance near holiday displays.

"Using the information sheets in our displays gives us an opportunity to educate people about religions," she said.

Robert E. Dunham, vice president and vice provost, emphasized that "Penn State is a diverse community. We need to be sensitive about all religious holidays. Including religious symbols from different faiths in holiday displays helps us all to appreciate religious diversity."

Dr. Poole noted that sensitivity to all religions extends even to language. For example, he and his staff refer to the December break as semester break, and to their December luncheon as an end-of-semester party, rather than a Christmas event.

Eisenhower Chapel also annually publishes a list of major holy days in each religious tradition that fall during class times to assist students and faculty members in avoiding potential conflicts over missed classes due to religious observances. The list is prepared in consultation with campus and community religious leaders.

Focus on Diversity

Washington lobbyist meets with Upward Bound students

Penn State students and administrators met with one of the most effective lobbyists on Capitol Hill Friday Nov. 17 when Arnold L. Mitchem, executive director of the National Council of Educational Opportunity Associations, visited the University.

Dr. Mitchem met with the University's Upward Bound Program students and talked to several University administrators about education appropriations, issues and concerns.

"Dr. Mitchem heads the organization that is responsible for, among other things, lobbying Congress on special programs for students from disadvantaged backgrounds, better known as TRIO Programs, which include the Upward Bound Program," said Richard DiEugenio, director of legislative affairs, who served as a host for Dr. Mitchem.

Upward Bound is a federally funded program designed to assist low-income persons who are potential first generation college students to pursue their education.

Penn State has an excellent Upward Bound Program under the leadership of Geraldine Weisacher. But just three years ago, Dr. Mitchem became personally involved in the effort to secure additional funding for the Penn State program, which was in serious jeopardy of being terminated," Dr. DiEugenio said.

Under Dr. Mitchem's leadership, TRIO Programs recently won a 13 percent increase in funding over fiscal 1989. The victory was achieved in a climate that produced level or reduced funding for most



Arnold L. Mitchem meets with Upward Bound students and staff. Photo: Dave Shelly.

other higher education programs in the nation.

The recent accomplishment follows a history of successful campaigns on Dr. Mitchem's part to win increased funds for TRIO Programs from a Congress not particularly inclined to support such programs. In fact during the first seven years of the Reagan administration, his persuasive lobbying won consistent congressional support for TRIO increases, while requests were often made to cut TRIO budgets 40 to 50 percent.

A graduate of Southern Colorado State

College with a bachelor's degree in history, Dr. Mitchem earned his master's degree in history from University of Wisconsin, and his Ph.D. in foundations of education from Marquette University.

He has served as president and executive secretary of the Mid-America Association of Educational Opportunity Program Personnel, and as governor and chairman of the NCEO's predecessor, the National Coordinating Council of Educational Opportunity Associations.

From 1969 to 1986 he served as director of the TRIO Program Upward Bound at

Marquette University in Milwaukee. Prior to that, he was on the history faculty at the University.

"Dr. Mitchem's visit gave us an opportunity to discuss the current attitudes in Congress regarding significant higher education issues with one of the most respected lobbyists in Washington, D.C.," Dr. DiEugenio noted. "He continues to be a true friend of this institution, and this visit also gave us the opportunity to thank him for his particular support."

University Calendar

Thursday, Nov. 30

Women's Studies, 8 p.m., HUB Gallery. Betty Vetter on "Women in Science and Engineering."

Saturday, Dec. 2

Paul Robeson Cultural Center, 1 to 3 p.m., Paul Robeson Cultural Center Auditorium International Children's Party.

Wednesday, Dec. 6

Paul Robeson Cultural Center, 7 p.m.; Paul Robeson Cultural Center Auditorium. Inventions: "Sexuality/Relationships."

Center for Women Students, noon to 1 p.m., 120 Boucke Building. Brown Bag Lunch Series. Film/discussion of "Visions of the Spirit: A Portrait of Alice Walker."

WFSU, 91.1 FM, 6:30 p.m., "Perspectives," "Role and Responsibilities: African Americans and Television," radio talk.

The Campaign for Penn State

Penn State Berks Campus launches capital campaign

Penn State Berks Campus has launched a campaign to raise \$2 million for new academic space, anticipating a dramatic increase in the demand for higher educational services in the Reading area by the year 2000.

Campus Executive Officer Frederick H. Gange said the number of traditional students is expected to jump by more than one third in the next 10 years -- from 1,500 to 2,000 -- accompanied by a proportional rise from the current 4,000 students taking non-credit courses.

The \$2 million is earmarked for construction of a 13,000-square-foot classroom and office building, and for renovation of the Luessen Building, the first building constructed on the campus in 1972.

Directing the campaign is Thomas A. Beaver, a certified public accountant and specialist in tax and management advisory services who is a partner in Reinsel and Co. in Wyomissing. His father, Howard O. Beaver Jr., director and retired chairman of the board of Carpenter Technology Corp. of Reading, has been a member of Penn State's Board of Trustees since 1978.

"The Berks Campus must grow to meet the needs of the students and communities of Southeastern Pennsylvania," Tom Beaver said. "As a state-related, not state-owned, institution Penn State gets less than 21 percent of its budget from the state. Private gifts are a crucial part of our support, which includes tuition, earned income, government grants and contracts."

The Campaign for Penn State Berks Campus has been identified as the capital campaign for 1990 by the Capital Campaign Review Board of Berks County, which Mr. Beaver said shows the respect local leaders have for the campus.

"I have every confidence that, with Tom

Beaver at the helm, the Berks effort will be successful," said William A. Schreyer, chairman of The Campaign for Penn State and chairman and chief executive officer of Merrill Lynch Inc.

Speaking at Nov. 14 kick-off ceremonies, Mr. Schreyer emphasized that volunteers will face a special challenge after The Campaign for Penn State has passed its \$300 million goal.

"We must show that many urgent needs must still be funded, including those of the Berks campaign," he said. "Much remains to be done in the months ahead, and we're going to work even harder now."

Assisting Tom Beaver are area business, campus and community leaders and more

than 150 other volunteers. Organized into a "Campaign Cabinet" with nine divisions, the volunteers will be seeking gifts from

businesses, industry and individuals through personal contact and mail solicitations

Chevron Oil

The Chevron Oil Corp. has committed \$115,000 for research and student aid in the University's colleges of Earth and Mineral Sciences and Agriculture.

"Penn State researchers are solving the practical problems facing the petroleum industry," K.T. Derr, chairman of the firm's board of directors, said. "Chevron looks forward to continuing this close relationship with the University."

The gift will support research in geophysics, engineering, natural gas exploration and entomology. Student aid in the form of scholarships, fellowships and cash awards also are included in the gift.

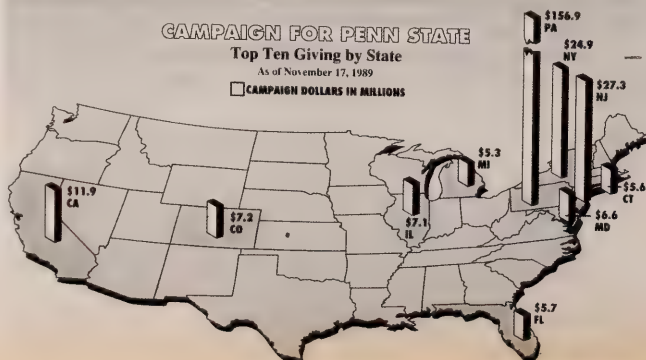
San Francisco-based Chevron, ranked 11th on the Fortune 500 list of companies, employs more than 52,000 people in 96 countries. The company is an integrated, worldwide supplier of crude oil and natural gas.

CAMPAIGN FOR PENN STATE

Top Ten Giving by State

As of November 17, 1989

CAMPAIGN DOLLARS IN MILLIONS



University Park Calendar

November 30— December 10 Special Events

Thursday, November 30

Festival of Trees, noon University Brass, Palmer Museum of Art.
Bach's Lunch, 12:10 p.m., Eisenhower Chapel.
Voice Students of Suzanne Roy.
Women's Studies, Six Feminist Scholars, 8 p.m., HUB Gallery. Betty Vetter, Commission on Professionals in Science and Technology, on "Women in Science and Engineering: Progress and Problems."

Friday, December 1

Festival of Trees, noon Flute Ensemble of the Music Academy, Palmer Museum of Art.
Australia-New Zealand Studies Center and American Studies Program, lecture, 3:30 p.m., Eisenhower Chapel Lounge. Robert C. Doyle on "Remembering the Vietnam War Australian Style: An American Report."
Geog. Coffee Hour, 4 p.m., 319 Walker. David DiBiase on "Is the Map a Wampeter? Forms and Functions of Graphics in Geography."
School of Music, 8 p.m., Recital Hall, Penn State Philharmonic.

Saturday, December 2

Festival of Trees, 11:30 a.m.-4:30 p.m., Children's Day, Palmer Museum of Art. Pre-register, 865-7672.

Shaver's Creek, 1-4 p.m., Wreathmaking Workshop. Also Dec. 3. Call 863-2000.

School of Music, Christmas Choral Concert, 8 p.m., Eisenhower Aud. Univ. Choir and Concert Choir.

Sunday, December 3

Festival of Trees, 1 p.m., Music Academy Students, Palmer Museum of Art.
School of Music, Christmas Choral Concert, 2 p.m., Schwab Aud. Glee Club, Singing Lions and Women's Chorus.
Office of Religious Affairs, 4 p.m., Eisenhower Aud. Messiah Sing-Along.
Carnegie Hall Film Series, 7 p.m., Glass, Hines, Benay Kinos No Pain, No Lies, Paris 231, Corral, 9 p.m., The Family Game (1984), 4 Carnegie.

Monday, December 4

Comp. Lit. Luncheon, 12:15 p.m., 101 Kern.
Jean Claude Amric, Université Paul Valéry, Montpellier, on "Man and Superman: The Myth of Don Juan."

German Film, *The Fall from Grace* (Der Schritt vom Wege), (1940) 8 p.m., 101 Chambers.

Tuesday, December 5

Festival of Trees, 7 p.m., Nittany Valley Sweet Adeline Chorus, Palmer Museum of Art.

Wednesday, December 6

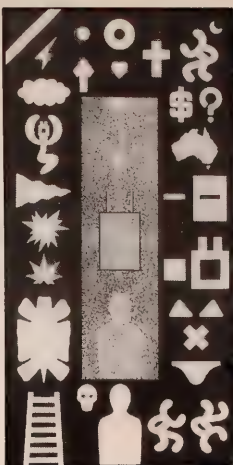
Festival of Trees, noon, Woodwind Chamber Music from the School of Music, Palmer Museum of Art.
Center for Women Studies, Brown Bag Lunch Series, noon 1 p.m., C.W.S. Lounge, 120 Bouckie. Film discussion by Sabrina C. Chapman on "Visions of the Spirit: A Portrait of Alice Walker."

School of Music, 8 p.m., Recital Hall. Christmas in Rome.

Central Pa. Society of the American Institute of Archaeology, 8 p.m., 101 Kern. Timothy E. Gregory, Ohio State Univ., on "The Desert Islands of Greece."

Thursday, December 7

Festival of Trees, noon, students of the Penn State Film Studio, Palmer Museum of Art.
Bach's Lunch, 12:10 p.m., Eisenhower Chapel.



Peter Lyndall's painting is included in an exhibit of Australian art opening Dec. 3 in the Palmer Museum.

Brain Sing-Along of Christmas Carols.
Palmer Museum of Art, School of Visual Arts, panel discussion, 8 p.m., Palmer Museum of Art. "The Use and Misuse of Contemporary Criticism."

Friday, December 8

Classes end 9:30 p.m.
Festival of Trees, noon, Woodwind Quintet Chamber Music from the School of Music, Palmer Museum of Art.
Geog. Coffee Hour, 4 p.m., 319 Walker. Neil Smith, Rutgers, on "Mapping a Geographical Frontier: Investment and Disinvestment on the Lower East Side."

Shaver's Creek, 7-8:30 p.m., Moonlit Hayride. Also Dec. 9. Call 863-2000.

Center for the Performing Arts, 8 p.m., Eisenhower Aud. Louisville Ballet, *The Nutcracker*. Also Dec. 9, 2 p.m., Eisenhower Aud.

School of Music, 8 p.m., Recital Hall. Student composer's concert.

Saturday, December 9

Festival of Trees, 2 p.m., Youth String Ensemble, Palmer Museum of Art.

Women of Color, 8 p.m.-midnight, Winter Ball, Nittany Lion Inn.

School of Visual Arts, Saturday Morning Art School exhibition and open house, 10 a.m.-5 p.m., Chambers Gallery.

Sunday, December 10

Festival of Trees, 1:30 p.m., Hi-Lo's 3 p.m., Clarinet Quartet, Palmer Museum of Art.
Stone Valley holiday arts and crafts sale, 2-6 p.m., GE Lodge. Also Dec. 11-12, 10 a.m.-4 p.m.; Dec. 13, noon-8 p.m.; Dec. 16, 10 a.m.-3 p.m.

International Events

Education Abroad Programs

The application deadline has been extended to

Jan. 31, 1990 for 1990-91 programs in Cairo, Nairobi, Nice, Taipei and Tel Aviv.

Public Radio

WPSU-FM 91.1

All Things Considered Monday-Friday 5-6 p.m. Saturday and Sunday 5-6 p.m. Morning Edition, Monday-Friday 6-8 a.m. Weekend Edition, Saturday and Sunday 11 a.m.-1 p.m. "Odyssey Through Literature" 12-10 p.m. Wednesdays with S. Leonard Rubenstein. "Perspectives" 8-10 p.m. Wednesdays, with Jeff Ballou. "Creative License" 12-10 p.m. Thursdays, with Asa Berlin and Pam Sautner.

Conferences

Continuing Education

Keller Building

Dec. 4-6, Internal Affairs.
Investigation Jack H. Williams, assistant professor of administration of justice, chair. Kathy Karchner, coordinator.

Dec. 4-6, Tax Week at Penn State. Larry Jenkins, associate professor of agriculture economics, chair. William Sipple, assistant to the director of short courses, coordinator.

Dec. 5, Infectious Wastes Workshop, William C. Arble, registered professional engineer and senior technical specialist with PENNTAP, chair. Jerri Milsom, coordinator.

Dec. 7, Pennsylvania Bar Institute, Jerri Milsom, coordinator.

Dec. 8, Allegheny Educational Broadcast Council. Marlene Tencles, program and utility coordinator, chair. Eric Loop, coordinator.

Dec. 8, Family Living with AIDS: Local Concerns. Anthony R. D'Avalli, associate professor of human development, chair. Gretchen Leathers, coordinator.

Seminars

Thursday, November 30

Agriculture and Artificial Intelligence, 3:45-4:45 p.m., 3 Ferguson. Larry R. Jones, Cornell Univ., on "IDEA: A Natural Language Interface for Data Retrieval in Agriculture."

Graduate Program in Ecology Seminar Series, 4 p.m., 111 Warkit. Raymond P. Morgan III, Univ. of Maryland and Frostburg State Univ., on "Acid Rain: A Maryland Perspective."

Friday, December 1

Agronomy, 3:35-4:25 p.m., 111 Tyson. Ikuko Yamamoto, on "Bentgrass Cultivar Identification by Electrophoresis."

Monday, December 4

Entomology, 3:45 p.m., 204 Patterson. Richard M. Piel.

Tuesday, December 5

Gerontology Colloquia, noon, 101 Health and Human Dev. East. Bruce Murphy on "The Graying of the Supreme Court."

College of Education, 3:45 p.m., Memorial Lounge. Eisenhower Chapel. Roger Williams on "George W. Atherton and the Beginnings of Federal Support for Higher Education: Implications for American Higher Education Today."

Physics CAMP, 4 p.m., 339 Davey Lab. A.W. Castellan on "Major Numbers in Clusters."

Wednesday, December 6

Accounting and MIS Research Colloquia, 3:30-5:15 p.m., 333 Beam. Abbie Smith, Univ. of Chicago, on "Corporate Ownership Structure and Performance: The Case of Management Buyouts."

Roger Sweeting, associate professor of physical education at Penn State Erie. The Behrend College, has written a textbook titled *A Values Approach to Health Behavior*. In addition to being used in college health classes, Dr. Sweeting's book will be marketed by the publisher, Human Kinetics Co. Inc., to industrial and business wellness programs.

A textbook written and illustrated by Ernest R. Weidhaas, professor emeritus of engineering graphics, has been chosen by the Architects' Book Club of McGraw-Hill Book Company as the leading selection for the month of January, 1990. The fourth edition of *Architectural Drafting and Construction* was published during 1989 by the Allyn and Bacon division of Simon and Schuster.

Physics Colloquia, 3:30 p.m., 55 Osmond Lab. Peter Fohlman, Sandia National Lab.

Thursday, December 7

Spatial and Temporal Signal Processing, Center 1 2 p.m. 123 Electrical Engineering East. Brian D.O. Anderson, Australian National Univ. on "Robust Strict Positive Realness."

Physics Colloquia, 3:30 p.m., 55 Osmond Lab. Srip Nagamya, Columbia Univ. on "Heavy Ion Experiments at BNL and CERN."

Ecology, 4 p.m., 111 Warkit. Kenneth R. Dickson, North Texas State Univ. on "The Use of Remote Sensing and Geographic Information Systems in Addressing Water Resource Problems."

Friday, December 8

Spatial and Temporal Signal Processing, Center 1 11 a.m. noon, 123 Electrical Engineering East. Brian D.O. Anderson, Australian National Univ. on "Frequency Tracking of Nonmusical Signals in Noise."

Ag. Economics and Rural Sociology, 3 p.m., 212 Eisenhower Chapel. Emerson Balch, Univ. of Florida, on "Critique of Exponential Economics."

Agronomy, 3:35-4:25 p.m., 111 Tyson. Zeev Ronin, on "Metabolism of Pyridine Under Restricting Conditions."

Exhibits

Chambers Gallery

Art Student League Juried Exhibition, through Dec. 1.

HUB Galleries

Art Alley Cases: C. Rae Bradley, Rachis Creations, through Dec. 8. Art Alley Panels:

Iconographic History of the French Revolution. Two Centuries of Pictures and Symbols of the Republic, through Dec. 8.

Browsing Gallery

1st Reunion in the Homocentric Orbit - when the sign of the morning pixels permeate through my window in the afternoon by Derychan Lin, through Dec. 8.

Formal Gallery:

Art Alliance of Central Pennsylvania Open Juried Regional Show, through Dec. 1.

Kern Galleries

College of Arts and Architecture Research Exhibition, through Dec. 22.

The French Revolution Machine, through Feb. 28.

Palmer Museum of Art

Festival of Trees, through Dec. 10. James Drake, The Border/La Frontera, through Jan. 21.

Mohamed Agor, ceramics, through Dec. 21. The Loti and Victor Smirnov Collection of Contemporary Australian Art, Dec. 3-Feb. 11.

Palmer Library

East Corridor Gallery: Philip Sauerlander, Serigraphic State College, through Jan. 20.

Zoller Gallery

School of Visual Arts Faculty Exhibition, through Dec. 8.

TIPS

Information Penn State

Call 863-1234 press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather-234, Line-345, University Calendar-450.

Bookshelf

Thomas A. Hale, associate professor of French and comparative literature, is co-editor with Richard K. Priebe, associate professor of English at Virginia Commonwealth University, of a new edition of *The Teaching of African Literature*, published by Three Continents Press.

The *Teaching of African Literature* originally appeared in 1977 as a collection of 19 essays selected from presentations made at the annual meetings of the African Literature Association and the Modern Language Association, plus two surveys of African literature taught in U.S. universities.

For the introduction to the 1989 edition,

the co-editors focus on a series of changes taking place in the field: a growing interest in literature recorded from the oral tradition; wider opportunities for specialists to present their research at national and international meetings of literature scholars; the development of African literature associations in Europe and Africa; increased support from publishers; higher visibility for African literature stemming in part from the award of the Nobel prize for literature to the Nigerian dramatist Wole Soyinka in 1986 and the Egyptian novelist Naguib Mahfouz in 1988.

Also included in the second edition are a new bibliography of articles about the teaching of African literature and a survey of the teaching of the subject in African universities.

The text has been acclaimed as "a virtual encyclopedia of contemporary architectural methods." The book includes plans for a multi-level modular home, an A-framed solar home, a contemporary atrium home, a traditional two-story home, a five-story commercial building of bolted and welded steel, and an award-winning community church. A separate chapter illustrates a building dimensioned in SI (Système International) metric units.

Carpooler

Trudy needs a ride from University Park to Phillipsburg around 7:30 or 8:30 p.m. and will share expenses. Call 865-1203 or 342-4563.

Holiday shopping guide: browse through

Palmer Museum of Art Museum Store

This year, when the stockings are hung by the chimney with care, make certain gifts from the Museum Store are there!

Located in the lobby of the Palmer Museum of Art on Curtin Road next to the University Creamery, the Store specializes in unique and unusual gifts, and this holiday season its shelves are stocked with little treasures from around the world.

The Museum Store is open 10 a.m. to 4:30 p.m. Tuesday through Friday, 11 a.m. to 4:30 p.m. Saturday and noon to 4 p.m. Sunday. Special extended holiday hours will be observed until 8 p.m. on Tuesday, Dec. 5.

During the Festival of Trees, through Dec. 10, the Store will hold a 10-percent-off sale on all regular priced merchandise for the public, with 20 percent off for the Friends of the Palmer Museum.

Whether browsing for the child or the child at heart, consider what the Museum Store has to offer:

International gift ideas—

- Chinese cloisonne eggs, figurines, boxes, porcelain tea sets \$6-\$55
- Chinese cedar masks \$5-\$40
- Dutch sterling silver and Swarovsky crystal rings, pins, earrings \$17-\$40

- Russian stone carvings \$3.50-\$32.50
- Russian nested Matryoshka dolls \$17-\$58
- East German nutcrackers and smokers \$22-\$60
- Denmark amber necklaces, rings, bracelets and earrings \$10-\$90

- Sri Lankan wooden carved masks \$5-\$40
- Kenyan baskets, fertility figures and primitive instruments \$24-\$33
- Mexican ceramic figures and pre-Columbian figures \$6-\$35

- Peruvian clay, brass and sterling silver jewelry, clay pots \$1-\$18
- Dollies made in Lichtenstein \$2-\$12

Traditional gift ideas—

- 1990 Illustrated wall calendars
- 1990 Metropolitan Museum of Art Engagement Calendars
- Turquoise jewelry from western United States \$16-\$45
- Native American Indian pottery \$7-\$100
- Anne Dick polished bronze jewelry from California



- \$18-\$30
 - Brass chimes and bronze bells from Harmony Hollow
- \$15-\$50-\$46
 - Boxed notes from Caspari \$4
 - Windfield Homes by Henry Musser \$20-\$35, miniatures \$6
 - Pottery by Rowe \$6-\$50, Roger Zellner \$35-\$75, Lester Breininger \$6-\$36
 - Bracelets and necklaces in semiprecious stones \$10-\$70
 - Antique reproduction jewelry in pewter and goldplate \$8-\$22
 - Handmade brass earrings and bracelets by Sausalito Craftworks \$12-\$40
 - T-Shirts \$10-\$20
 - Pewter bracelets and earrings by Raymond Pewter \$5-\$22
 - Ceramic fish platters by Ann Elizabeth \$4-\$44
 - Animal sculpture by Anderson \$18-\$55
- Children's items
 - Coloring books from the Smithsonian

- Troll activity books
- Kaleidoscopes, balance balls, dazors, sunprint kits and spiral timers
- Space tubes and key rings
- Stencil books, paperdolls, cut and assemble books
- Origami paper and instruction books
- Books on drawing, etching, painting, clip art, folk art, architecture, sculpture, ceramics, woodcut design, advertising, as well as books on individual artists and time periods

Items especially for the holiday season—

- Boxed and individual greeting cards from Caspari and Carole Smith
- Ornaments of pewter, brass, ceramic, wood, cloth and more
- Handblown glass ornaments from Czechoslovakia and East Germany
- Wood and cloth holiday figurines from Sweden
- Crystal bells and eggs made in the U.S.A.

Center for the Performing Arts

'The Nutcracker'

'Tis the season to be jolly. So don't let all that hustle and bustle, the traffic and the lines at check-outs get you down.

Give yourself and your loved ones an early present in the true spirit of the season with a ticket to 'The Nutcracker'—Tchaikovsky's classic holiday tradition.

Feel all that holiday stress fade away as you enter the dream world of a little girl! The Louisville Ballet will return again this year for two shows in Eisenhower Auditorium Friday, Dec. 8, at 8 p.m., and Saturday, Dec. 9, at 2 p.m. Take time to come a few minutes early to the show. Santa will be there for the children. In the spirit of sharing, the Center is asking everyone to bring non-perishable food items to donate to the State College area food bank. The collection boxes will be in the lobby of Eisenhower Auditorium through Dec. 10.

Upcoming events

Tickets to any performance are a perfect fit. The 1989-90 season still has 14 different events to see.

For everyone: 'Big River,' the award-winning musical based on Mark Twain's 'The Adventures of Huckleberry Finn' will come alive on Sunday, March 18, for two performances at 3 and 8 p.m. in Eisenhower Auditorium.

For opera lovers: Puccini's classic 'La Boheme' will be performed by the New York City National Company at 8 p.m. Friday, Jan. 10, in Eisenhower Auditorium.

For classical music fans: The Philadelphia Orchestra of London will play at 8 p.m. Tuesday, Jan. 30, in Eisenhower Auditorium. Also Isaac Stern and the Baltimore Symphony will perform at 8 p.m. Tuesday, April 3, in Eisenhower Auditorium.

Tickets can be purchased by calling the Eisenhower



Auditorium Ticket Office on weekdays from 9 a.m. to 4 p.m. and the Playhouse Box Office Tuesday through Friday from 11:30 a.m. to 5:30 p.m. Call (814) 863-0255 or (814) 865-1884. Visa, MasterCard and American Express are accepted.

Ticketron

The Center for the Performing Arts has a Ticketron connection. Established last spring, it offers gift certificates in increments ranging from \$10 to \$200 (with a \$2 service charge)—a perfect holiday gift for those hard-to-buy-for people on your shopping list. Since the certificates can be used for events ranging from art exhibits to Broadway shows and football games, they're just right for everyone.

The certificates are good for one year, and if not used within a year from date of purchase can be exchanged for a new one.

The Ticketron box office offers updated information on events throughout Pennsylvania and around the nation by telephone and can be used to purchase tickets at locations around the country. Camping enthusiasts also can make reservations for any campsite in the National Park system.

Tickets and gift certificates can be purchased at Eisenhower Auditorium weekdays from 9 a.m. to 4 p.m. or by calling 863-2688.

Blue Band

The following items are available from the Penn State Blue Band and can be purchased at the Penn State Bookstore on campus and the Student Book Store on College Avenue.

New Blue Band Video—30-minute cassette of Pregame, including the famous flip and halftime highlights. Produced by WPSC-TV. \$25

Audio Cassettes—Includes school songs and halftime favorites. \$8

Postcards—Five for \$1.

Independent Learning

Give the one gift that's truly Penn State: knowledge. With a gift certificate from Penn State Independent Learning, you're offering the opportunity to choose from more than 300 credit and credit-free courses.

Stamp collecting, calligraphy, community theater, computers, plant cultivation, French and the history of Pennsylvania are among the courses available. Someone you know has a favorite subject, and you'll find it in the free Independent Learning catalog.

Faculty and staff and their eligible dependents receive tuition grants-in-aid (75 percent).

For details, stop by the Independent Learning office at 128 Mitchell Building, or call 865-5403 and ask about 'The Gift of Knowledge.'

INTERCOM presents its 10th annual listing of gift ideas

that are available at University Park. The holiday shopping guide was compiled by the INTERCOM staff and Paul Kovach.

In the gifts available at University Park

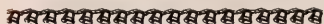
Festival of Trees

The seventh annual "Festival of Trees" continues through Sunday, Dec. 10, at the Palmer Museum of Art at University Park. It is sponsored by the Friends of the Palmer Museum.

This year's theme, "Travels with Dickens," emphasizes collections from around the world. The Museum's second floor gallery has been transformed into a representative 19th-century English village from the time of Charles Dickens. Trees, decorated by local artists, groups and businesses and reflecting the same international theme, are placed throughout the gallery.

The traditional Children's Day program will be held from noon to 4:30 p.m. Saturday, Dec. 2. The Museum also will be open until 8 p.m. on Tuesday, Dec. 5, and there will be a musical performance that evening.

The festival is free and open to the public. The Museum is open from 10 a.m. to 4:30 p.m. Tuesday through Friday, 11 a.m. to 4:30 p.m. Saturday and noon to 4 p.m. Sunday.

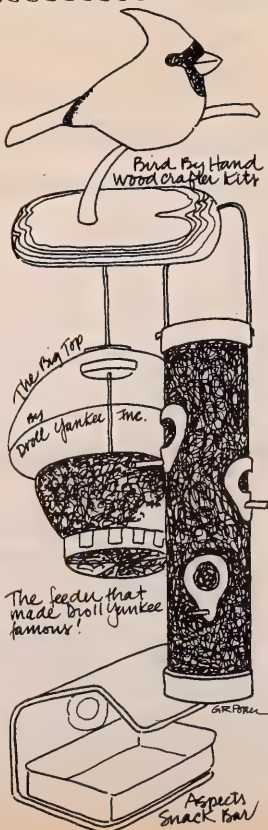
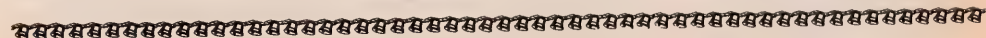


The Creamery Store

For this holiday season, patrons may purchase famous Penn State ice cream available in numerous flavors and packed in dry ice for keeping up to 12 hours. Penn State-made cream cheese, cheddar cheese and cream cheese spreads also are available in the Creamery store.

In addition, customers may want to purchase cheese gift boxes containing products manufactured by the University Creamery.

As of Dec. 1, the winter hours at the Creamery will be 7:30 a.m. to 7 p.m. Monday through Saturday, and 10 a.m. to 7 p.m. Sunday.

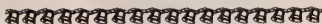


Holiday artifact sale

The Kern Graduate Commons Office of Unions and Student Activities at the University begins its holiday season with the 10th Annual International Holiday Artifact Sale in the Kern Lobby area. The sale runs from 9 a.m. to 4 p.m. Monday through Friday through Dec. 8.

The sale exhibition represents many countries, with articles crafted by human hands. Some articles featured are brass from India, carved animals from Kenya and nativity sets from Jordan/West Bank. Other countries represented are Bangladesh, Bolivia, Chile, Ecuador, El Salvador, Haiti, Korea, Mexico, Peru, Philippines, Sri Lanka, Taiwan and Thailand.

While browsing through this exhibition, allow yourself to be touched by our global neighbors throughout the world.



HUB Craft Centre

The HUB Craft Centre's annual holiday sale will be held from 11 a.m. to 4 p.m. Thursday, Nov. 30, and Friday, Dec. 1, in the Kern Commons at University Park. The sale will feature a wide selection of pottery and other craft items. For more information, call 863-0611.



Poultry sales

The Poultry Salesroom will be open from 10 a.m. to 3 p.m. Thursday, Dec. 21. Items available for sale include roasters, fryers and eggs. The Salesroom will close for the holiday and will reopen at its regular hours (10 a.m. to 3 p.m.) on Thursday, Jan. 4.

Discover 'Horatio's'

Shaver's Creek Environmental Center sports approximately 30 miles of hiking and skiing trails to explore and enjoy, but did you know about another spot in the woods to explore? It's "Horatio's," the Center's bookstore and gift shop, and you'll find lots of great gifts in stock.

If you enjoy watching birds and providing winter food for them, you will find birdfeeders that make great gifts and provide hours of close-up bird watching. The Center carries many models of both Droll Yankee and Aspects feeders. Blue Devil bird bath heaters, blue bird houses, hummingbird feeders, metal and mesh seed feeders and swing-away arms for hanging feeders onto the side of your house.

Once the feeder is up, a perfect gift might be a bird identification guide. "Horatio's" carries *The Peterson First Guides Birds*, *Peterson's Eastern Birds*, the National Geographic Society's *Field Guide to North American Birds*, the Donald Stokes's *A Guide to Bird Behavior* and more.

The Center also carries books about mushrooms, trees, wildflowers, fish, birds, reptiles, amphibians, insects, spiders and mammals. "Horatio's" provides books for the curious which explain folkways and how many traditional customs began. Do you have someone on your list who digs creative gardening? Pick up a bushel of helpful hints about creative gardening, composting and effective use of space.

Looking for information or suggestions on outdoor activities? You'll discover books about canoeing, hiking, camping, non-competitive games or how to share the outdoors with your child. Classic books by environmental educators and philosophers also can be found.

Regardless of your child's reading level, there is a perfect book for him or her at "Horatio's." Field guides for beginning naturalists, story books featuring animal heroes, *Zoobooks*, the *Golden Guide Series*, coloring books, question and answer books and activities for rainy days are all available.

Other holiday gift ideas at "Horatio's" include:

- Wildflower press kits
- Bug boxes
- Hand lenses to observe insects, water dwellers and wildflowers
- "The Bird Bag" for bird watchers to carry field guides
- Art prints by Ken Hull
- Shaver's Creek T-shirts
- Bird song recordings
- Compasses
- Bird mobiles
- Ant colony kits

You can enjoy the beauty of nature all year long with a membership to Shaver's Creek. The Center is dedicated to education, service and research in the fields of recreation and parks and environmental interpretation/education. Our primary purpose is to provide outstanding recreational



White Golf Shop

The White Golf Shop at Recreation Building will be open yearround beginning this year.

With the installation of a net inside the shop, golfers can practice hitting golf balls and work on their golf technique, as well as visit with golfing friends.

The shop has videotapes available for view on the shop TV. In addition, the shop has golf clubs that can be dynamically fit to the individual golfer and made during the winter so that they will be ready for spring.

Club repair service is available, as are lessons by the instruction staff. The shop also has a season-ending bargain sales table offering a variety of items for holiday shopping. Among the items available at the shop are books on golf, shag bags, pull carts and Penn State logo umbrellas and headcovers.

Also choose from: Penn State logo shirts and sweaters, golf bags (all sizes), assorted derby caps and visors, large golf umbrellas, golf shoes, authentic Penn State golf clubs, golf memorabilia and personalized items. Mail orders are welcome, and major credit cards are honored.

The White Golf Shop is open seven days a week from 7 a.m. to 6 p.m. for holiday shopping. Call 865-6231.

opportunities and exemplary environmental experiences for residents and visitors to Central Pennsylvania. Your membership dollars support: operation of our Birds of Prey Rehabilitation Center, internships for aspiring environmental educators and naturalists, enhancement of hiking and skiing trails and expansion of public recreation and interpretive programs.

As a member, you will receive these benefits: satisfaction that comes from expressing a personal environmental ethic of walking more softly on the earth; seasonal newsletter, *Shavings*; seasonal *Program Guide*; special programs and workshops for members; reduced fees at other workshops and programs; guest privileges; free parking; discount on purchases from "Horatio's," the Center's bookstore and gift shop; and picnic tables adjacent to the Center reserved for members' picnicking.

Annual memberships are individual \$15, family \$25, student and over \$10. Lifetime memberships also are available for \$250. Corporate memberships are \$1,000.

"Horatio's" is open seven days a week from 10 a.m. to 5 p.m. The last day the store will be open before Christmas is Dec. 22.

Stone Valley

The Stone Valley Recreation Area will conduct a holiday season program during December. As part of the program, a holiday arts and crafts sale featuring a wide variety of handcrafted gift items will be held Dec. 10 to 16 at the CE Lodge. Sale hours are: 2 to 6 p.m. Dec. 10, 10 a.m. to 4 p.m. Dec. 11 to 14, noon to 8 p.m. Dec. 15 and 10 a.m. to 3 p.m. Dec. 16.

In addition, during the month of December, the CE Lodge is available for rental fully decorated. Extra time and care has been taken to create the perfect atmosphere to celebrate the holiday season. For additional information, contact the Stone Valley Recreation Area at 863-0762.



The Weekly Collegian

Alumni, recent and past, will be kept up to date on happenings at the University with a subscription to *The Weekly Collegian*.

Published by the staff of *The Daily Collegian*, *The Weekly Collegian* makes a useful and informative gift for Penn State. The subscription price is \$13.86 for one year, \$25.74 for two years and \$34.05 for three years. Subscriptions outside of the United States are an additional \$11.55 per year (surface mail).

To subscribe, make checks payable to Collegian Inc., 123 S. Burrows St., University Park, Pa. 16801-3882. Subscriptions will begin upon receipt of order.

Holiday shopping guide gift ideas

Penn State Bookstore appreciation sale

The Penn State Bookstore on campus will open its doors on Monday, Dec. 11, to welcome the University community to its annual appreciation sale. The sale will continue through Thursday, Dec. 21.

The bookstore celebrates the holiday season every year with a special sale to express appreciation to its year-round customers. During the sale, a 20-percent discount is offered on almost everything in the store, including Penn State gifts and clothing, general books, supplies and holiday items.

Shopping ideas abound for the holidays, including fine writing instruments and papers, *New York Times* bestsellers (hardcovers always discounted 25 percent), the finest in collegiate fashions, a wide selection of art and engineering supplies for amateurs and professionals, and special Penn State holiday items.

The Bookstore is open seven days a week: 8 a.m. to 8 p.m. Monday through Thursday, 8 a.m. to 5:30 p.m. Friday, 9 a.m. to 5 p.m. Saturday and noon to 4 p.m. Sunday. Some categories of merchandise are excluded from the sale, such as textbooks, calculators, black and white film supplies, sale items (already discounted more than 20 percent) and a few other items.

All of the store's general books will be on sale, including bestsellers (some on sale at \$3.50 for hardcover), children's fiction and nonfiction books, cookbooks, a wide variety of biographies, books by faculty and other local authors and alumni, special gift books, art books, paperbacks, reference titles and books in many areas of interest.

Several books being featured for holiday gift-giving include:

- Robert Frank, *The Lines of My Hand* \$40 (reg. \$50)
- Ellis Island \$31.96 (reg. \$39.95)
- Henry Adams, *Thomas Hart Benton* \$48 (reg. \$60)
- William Manchester, *In Our Time* \$47.96 (reg. \$59.95)
- Doris Bry and Nicholas Callaway (editors), *Georgia O'Keeffe: In The West* \$80 (reg. \$100)
- The *DMJ* Alums \$68 (reg. \$85)
- Naomi Rosenblum, *A World History of Photography* \$49.95
- Dale Russell, *Dinosaurs of North America* \$31.96 (reg. \$39.95)

- Traditional French Cooking (Larousse) \$36 (reg. \$45)
- Lesley Astaire and Roddy Martine, *At Home in Scotland* \$20 (reg. \$25)
- *Rolling Stone Photography* \$40 (reg. \$50)
- David Bourdon, *Warhol* \$39.60 (reg. \$49.50)
- Jerilyn Lee Brandelius, *Grateful Dead Family Album*

- \$23.96 (reg. \$29.95)
- Stephan Cosgrove, *Harmony* \$19.96 (reg. \$24.95)
- Ted Sennett, *The Art of Hanna-Barbera* \$40 (reg. \$50)
- Phyllis Rose, *Jazz Cleopatra* \$18 (reg. \$22.50)
- Nancy Ekholm Burkert, *Valentine and Orson* \$13.50 (reg. \$16.95)

- Joe Paterno and Bernard Asbell, *Paterno By The Book* \$15.16 (reg. \$18.95)
- Joe Humphreys, *On The Trout Stream with Joe Humphreys* \$23.96 (reg. \$29.95)
- Charles Meck, *Pennsylvania Trout Streams and Their Hatches* \$11.96 (reg. \$14.95)
- Grey and Candie Carawan, *Ain't You Got a Right to the Tree of Life?* \$23.96 (reg. \$29.95)

In addition to saving 20 percent on these and many other categories of books, you can browse through more than 600 calendars and datebooks for 1990 on a variety of subjects and in several formats to suit your needs, including desk/appointment style books or word-a-day style calendars and Sierra Club calendars.

Custom-designed Penn State holiday cards and ornaments, Renner Davis stationery gift boxes and "pretty paper" gift stationery baskets, plus Unifac cards, Sheaffer and Mont Blanc pens, Magtext Interviewer notepad holders and Penn State insignia A.T. Cross pens and pencils are

popular choices for the holidays. Christmas ornaments, mugs, cards, gift wrap and bags are all offered at a 20-percent savings as well. For the executive, a large variety of desk accessories and brief cases and attaches are included in the sale.

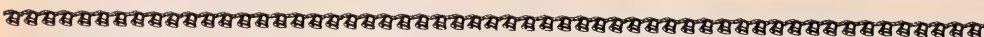
The Bookstore also carries the largest selection of Penn State insignia clothing in traditional collegiate styles and contemporary fashions. The choices include sweaters and T-shirts, sweatshirts and sweatpants, children's wear and golf shirts, hats and knitwear -- all offered at 20-percent off beginning Dec. 11.

Easter Seal Society

The official 1989 "Christmas at Penn State" ornament is available at the Penn State Bookstore.

Proceeds from the sale of the Christmas tree "ornament of hope" will benefit the special needs children served by the Easter Seal Society of Centre and Clinton counties. The price is \$11.95 plus tax and handling.

Crafted of non-tarnishing 24-karat gold plate over brass, the limited-edition ornament features a montage of Penn State and is the first in a series of collectible designs. Each ornament is packaged in a velvet-finished presentation case enclosed in a self-mailer envelope.



Penn State Press

This year for the holiday season, the Penn State Press is pleased to offer its complete list of titles to Penn State faculty, staff and students at **half price**. We hope this will encourage the giving of books for the holidays. Some representative titles are listed at their sale price. The sale ends Dec. 20.

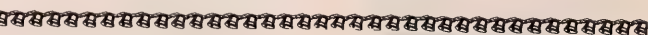
Free gift -- The book *Pennsylvania 1776* will be free to you when you buy two or more books.

Stop by 215 Wagner (ROTC building) between 8 a.m. and noon and 1 to 5 p.m. If you must shop between noon and 1 p.m., please call ahead (865-1327), and we'll make arrangements for someone to be in to fill your order.

Among the books available are:

- *Art of American Car Design* - \$17.25
- *Historic Buildings of Centre County* - \$10
- *Other Summers* - \$6.25
- *Pennsylvania Album* - \$10 cloth, \$6.25 paper
- *Pennsylvania Prints* - \$10 cloth, \$6.25 paper
- *Buggy Town* - \$6.25
- *Country Cloth to Coverlets* - \$6.25
- *To Cal, Piece, and Solder* - \$6.25
- *To Draw, Upset and Weld* - \$6.25
- *Holidays: Victorian Women Celebrate in Pennsylvania* - \$6.25
- *Made of Mud* - \$6.25
- *Willow, Oak and Rye* - \$6.25
- *Out of the Fire Furnace* - \$17.25 cloth, \$10 paper
- *GM Passes Ford* - \$15
- *Black Missus and Uncle Toms* - \$12.50
- *Electric Traction on the Pennsylvania Railroad* - \$12.50
- *Fair and Fast* - \$6.25
- *History of Pennsylvania* - \$12.50
- *Pennsylvania Clocks and Watches* - \$19.75
- *Pennsylvania Politics Today and Yesterday* - \$13.50
- *Pennsylvania 1776* - \$14.25
- *William Warren Scranton* - \$11
- *In Search of Italy* - \$12.50
- *Women in Twentieth Century Literature* - \$12.50
- *Carl Sandburg* - \$15
- *Baseball: An Illustrated History* - \$19.25
- *American Baseball, 3 volume set* - \$33.75

- Bernard Shaw: *The Diaries* - \$50
- *The Savage's romance* - \$12.50
- *Afro-American Writing* - \$12.50
- *Book of True Love* - \$15
- *Ernest Hemingway* - \$12.50
- *Fabian Feminist* - \$12.50
- *Hemingway's Hidden Craft* - \$10
- *The Left Bank Revisited* - \$14.25
- *"New Women" in the Late Victorian Novel* - \$11.25
- *T.S. Eliot's Personal Waste Land* - \$11.25
- *The Universal Drum* - \$11.25
- *Dance to the Fiddle-March to the Fife* - \$16.25
- *An Interpretive Guide to Operatic Arias* - \$13.75
- *Speak up for Just War of Pacifism* - \$12.50 cloth, \$6.50 paper



Alumni Association

It's Time to Get "Cookin' With The Lion"

Joe Cavino's "Business Logistics Pound Cake," Bob and Pat Beam's "Walleye Encaseroles," Judy Morgan's "Pineapple Zucchini Bread," the Penn State Bakery's "Midnight Cake" and Evelyn Saubel's Strawberry Lemonade Punch.

These are just some of the 275 tested recipes featured in *Cookin' With The Lion*, the Penn State Alumni Association cookbook.

Published with the help of 1,400 alumni volunteers, the 8 1/2 x 11 inch hardbound book is illustrated with color photographs and cartoon tips and is filled with creative entertaining ideas, nutrition tips, tailgate specialties and Penn State food trivia.

It's a different kind of Penn State gift for anyone on your list who enjoys good food and good times. Best of all, as with all Alumni Association marketing ventures, a portion of the proceeds goes to student scholarships and

fellowships as part of the Association's \$1 million pledge to The Campaign for Penn State.

Priced at \$19.95 plus tax, *Cookin' With The Lion* is available at the Alumni Office, 105 Old Main, or at the Penn State Bookstore (all campuses), the Nittany Lion Inn, the Student Bookstore, University Book Centre, McLanahan's Self-Service, the Country Sampler in Boalsburg and Fashion Classics near the Nittany Mall.

You also can have gift copies mailed by the book's printer to your friends in other parts of the country. Just enclose \$19.95 plus \$3.50 for shipping, handling and a gift card enclosure (a total of \$23.45, payable to "Cookin' With The Lion") and mail to: Hart Graphics, 205 Denton Drive, Austin, Texas 78758. Be sure to include the recipient's name and address and what greeting you want on the gift card.

Other Penn State gift ideas from the Alumni Association include Nittany Lion statuettes, armchairs and rockers, clocks and wrist watches, a brake light display, alumni license plates and memberships in the Alumni Association. Stop by 105 Old Main or call 865-6516.

Focus on the arts

The arts on Channel 3

Metropolitan Opera star Luciano Pavarotti celebrates the spirit of Christmas in a commanding performance when WPSU-TV presents *A Christmas Special with Luciano Pavarotti* airing at 4:50 p.m. Saturday, Dec. 2, during the station's Festival '89 membership drive.

From the majestic Notre Dame Cathedral in Montreal, the internationally acclaimed Pavarotti highlights this program of Christmas favorites.

When *When Were Young...* Growing up on the Silver Screen evokes the nostalgia of the child star era and shows how the films featuring children both reflected and affected the social conditions of the times. Hosted by distinguished actress Maureen Stapleton, the special airs at 8 p.m. Monday, Dec. 4. WPSU-TV will air *Mozart by the Masters*, a celebration of Mozart's music featuring three of the world's most accomplished musicians. The program is hosted by Itzhak Perlman, with Pinchas Zukerman conducting the Chicago Symphony Orchestra and special guest Victor Borge.

The 90-minute broadcast, taped at Chicago's Orchestra Hall, will air at 8 p.m. Wednesday, Dec. 6. The program showcases several of Mozart's works including the overture from "The Marriage of Figaro" played by the Orchestra and solo performances by Mr. Perlman of the Rondo in C major, K.373 and Mr. Zukerman of the Adagio in E major, K.261.

Messiah Sing-Along

The annual Messiah Sing-Along will be held at 4 p.m., Sunday, Dec. 3, at Eisenhower Auditorium at University Park. The town/gown event, sponsored by the University Lutheran Parish, Office of Religious Affairs and the Nittany Valley Symphony, allows everyone to sing the familiar chorus sections of Handel's Messiah.

Soloists for this year are Nona Uhler, Cathy Havens and Jean Hillson, sopranos; Michelle Morreale and Jean Nagurney, altos; Lawrence Pharo and Richard Kennedy, tenors; and Walter Wells, bass. Barbara Yahy conducts the Nittany Valley Symphony.

Bring your own score or buy one at the door for \$6.50. Admission is free and open to the public.

Australian art exhibit

"The Lot and Victor Smorgon Collection of Contemporary Australian Art" opens Dec. 3 and runs through Feb. 11 at the Palmer Museum of Art at University Park.

The traveling exhibition is the first of its kind, designed to give Australian artists exposure outside the main art centers of the United States by visiting regional areas.

Sponsored by the Australian Centre for Contemporary Art, the exhibition is a collaborative effort between the Palmer

Museum and the Australia-New Zealand Studies Center.

The exhibition is free and open to the public.

Week of holiday music

A special week of holiday music will be held at the Palmer Museum of Art at University Park, Dec. 3 through 10 as part of its annual "Festival of Trees." All performances will be in the second-floor gallery of the Museum.

From 1 to 3 p.m., Sunday, Dec. 3, 25 students, ages 4 to 18, from The Music Academy, directed by Joyce Gummo, will perform holiday vocal, piano, flute and clarinet compositions. At 7 p.m., Tuesday, Dec. 5, the 23-member Nittany Valley Sweet Adeline Chorus, under the co-direction of Marty Edmunds and Miriam Bengtson, will give an a cappella performance in four-part barbershop harmony.

On Wednesday and Friday, Dec. 6 and 8, the Woodwind Chamber Music Ensemble of the School of Music, coached by Daryl Durran, assistant professor of bassoon, will give two noon concerts. At noon Thursday, Dec. 7, students of the Penn State Flute Studio will perform traditional holiday selections for flute ensembles by Telemann, Haydn and Gluck.

From 2 to 3 p.m., Saturday, Dec. 9, the Youth String Ensemble, conducted by Mahlon Halling, will perform traditional holiday songs and classical selections. At 1:30 p.m., Sunday, Dec. 10, the Hi-Lo's, a group of 14 singers from the Penn State Glee Club, will perform holiday selections. From 3 to 4 p.m., Sunday, Dec. 10, the Penn State Clarinet Quartet will perform.

The "Festival of Trees" exhibition is sponsored by the Friends of the Palmer Museum. All performances are free and open to the public.

'Christmas joy'

The Penn State Women's Chorus, the Glee Club and the Singing Lions of the School of Music will present their fourth joint holiday concert, "Christmas Joy," at 2 p.m., Sunday, Dec. 3, in Schwab Auditorium at University Park.

The Penn State Women's Chorus, directed by Russell Bloom, a graduate student in the School of Music, will present works by Benjamin Britten and Peter Warlock, as well as the traditional carol, "We Wish You a Merry Christmas."

The Glee Club, directed by Bruce Trinklein, associate professor in the School of Music, will perform works by J.S. Bach, Charles Ives and a concert arrangement of "Good Wenceslas."

The Hi-Lo's, a 14-member specialty group from the Glee Club, will perform Randall Thompson's "Alleluia" and P.D.Q. Bach's "The Yule Log On, Uncle John."

The Singing Lions, a 23-member singing

ensemble directed by Peter Kietzer, will present contemporary arrangements of traditional songs such as "Jingle Bells" and newer carols, such as "Mistletoe" and "Christmas in the Air."

In the finale, the three groups will invite the audience to join them in singing "Peace, Peace" and "Silent Night."

Odyssey on WPSU

The science fiction novel *The Catushken* is "an amazing collation of information and imagination," says Leonard Rubinstein on the next edition of "Odyssey Through Literature."

Written by Ernest Pollard, Evan Pugh professor emeritus of biophysics, the novel takes as its premise that a group of average, ordinary Americans, unusual only in the depth of their fanaticism, is capable of assembling, delivering, and exploding a nuclear bomb over the Tri-Borough Bridge in New York City.

The Catushken then works out, in precise and horrifying detail, the consequences of that action. "I have described what would happen," said Dr. Pollard, whose scientific research centered on the effects of radiation on a cell, "and I haven't pulled back."

His book, he hopes, will make concrete the "inconceivable horror" of nuclear war and will show its readers how to reduce the "underlying dread" deadening modern society.

"Odyssey Through Literature" is produced by the Comparative Literature Department and airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Holiday concert

The Penn State University Brass will present its annual Christmas concert of 20th-century brass music and traditional contemporary carols at 8 p.m. Wednesday, Dec. 6, in the Recital Hall of the Music Building at University Park.

The concert will begin with "Liturgical Fanfares" (1952) by French composer Henri Tomasi. The second part of the concert will feature music from Singers Unlimited, a West Coast vocal quartet, whose music is arranged by group member Gene Puerling.

The University Brass, directed by Mark Lusk, assistant professor of low brass in the School of Music, consists of brass players from several majors, who auditioned to play in the group.

Open forum

Five faculty members from the College of Arts and Architecture will participate in a public forum on "The Use and Misuse of Contemporary Criticism" at 8 p.m.

Thursday, Dec. 7, at the Palmer Museum of Art at University Park. Panelists will include Thom McGovern, assistant professor of art and head of sculpture in the School of Visual Arts; Craig Zabel, assistant professor of art

history; Marjorie Wilson and Elizabeth Garber, assistant professors of art education; and John Kissick, assistant professor of art, who will moderate the discussion.

Faculty members will present a slide of a work of art that has inspired them, critically discuss the piece, and then allow other faculty panelists to respond to their critique. The audience will then be asked to present questions and commentary.

Pattee exhibit

An exhibit titled "Civil Rights Leaders: Where are They Now?" has been assembled in the Black Studies Room of Pattee Library. The exhibit, which will be on display until Jan. 31, 1990, contains biographical information on 15 civil rights advocates and focuses on female leaders in the movement.

New music

University composers will present a program of New Music at 8 p.m. Friday, Dec. 8, in the Recital Hall of the Music Building at University Park.

The concert will feature world premieres of pieces by composers Andrew Carroll, Pedro Jimenez-Aguino, Jeffrey Kunkel, Linda Lowe, Philip Silver, graduate students in the School of Music; Kenneth Yarnold, undergraduate student in the School of Music; and Pamela J. Nunnely, graduate student in theatre.

The compositions are scored for a variety of instruments, including trumpet and piano; clarinet and tuba; brass quintet and organ; soprano saxophone and piano; and jazz band.

Centre Dimensions, the University Jazz Ensemble, also will present a new work on the program.

Artwork exhibit

An exhibition of artwork by student teachers from the School of Visual Art's art education program and their students from the fall Saturday Morning Art School classes will be held Friday, Dec. 8 and 9, in Chambers Gallery. A complementary celebration, "Great Moments in Art," will be held from 9 to 11 a.m. Saturday, Dec. 9, in Chambers Building at University Park.

The exhibition features wheel thrown ceramics, raku pottery, photography, film, paintings and drawings by student teachers and their students, who range from age 5 to 73.

"Great Moments in Art" is a celebration complementing the exhibit for the teachers and students of the Saturday Morning Art School and their parents and friends.

Special events will include demonstrations by local artists participating in the Saturday Morning School's exhibition and a multimedia slide and television showing of the classes, recorded over the fall semester.

The event is sponsored by the art education program in the School of Visual Arts.

Task Force

(Continued from page 1)

Studies. The center facilitates international faculty exchanges and research, and offers educational opportunities in the Far East to business men and women, journalists and students.

In addition, the Japan Foundation, with offices in Tokyo and New York, has agreed to support a faculty position in Japanese history. The \$70,876 grant will underwrite work by Andrew E. Goble, an Australian who specializes in studies of Medieval Japan.

A third gift, of \$250,000 from the Murata Manufacturing Co. of Kyoto, Japan, will support a professorship. Recently named to this position was Stewart K. Kurtz, acting director of the Materials Research Laboratory.

These gifts represent three important developments, University officials say.

"First, key efforts by out-standing faculty with ties to individuals and companies in these countries have been essential," Dr. Gearhart said.

"Second, the donors are confident that Penn State's expertise and resources match their needs in very pragmatic ways. And although these gifts fund specific research programs, they build the trust and good will necessary for long-term relationships."

Third, Dr. Gearhart said, these gifts were facilitated by Penn State alumni in these governments and companies. These graduates are credible advocates for Penn State whose counsel carries great weight. Personal contacts have been and will continue to be vital to Penn State's position in Asia.

"We're aware that we may develop relationships through research contacts, but

also that we must adopt the long-term view of these relationships," he added. "Our alumni work in the largest companies in Japan, Taiwan and other countries, and in

various government agencies. They are important intermediaries for us. These major gifts and research contracts flow from personal contacts."

Obituaries

Nancy J. Mitchell, laundry worker.

Housing and Food Services, from June 15, 1981, until her retirement Dec. 1, 1988, died Nov. 13 at the age of 48.

Faculty Senate

The meeting of the University Faculty Senate scheduled for 1:30 p.m. Tuesday, Dec. 5, has been cancelled. All committee meetings will be held at their regular times.

Ruth J. Arbogast, food service worker, Housing and Food Services, from Sept. 11, 1957, until her retirement May 24, 1985, died Nov. 19 at the age of 69.

Faculty/Staff Alerts

Cablegram service

The cost of Western Union cablegrams sent from the Penn State Bookstore textbook department will increase to 60 cents per word. The cost increase is effective immediately. Call 863-4373 for more information about the service.

News in Brief

Roundtable scheduled

The University will host its third roundtable "Observations from Recent Travels in the Soviet Union and Eastern Europe," at 7:30 p.m. Monday, Dec. 4, in 501 Keller Conference Center at University Park. The public is invited.

Speakers will be John D. Scanlan, former ambassador to Yugoslavia and Vernon V. Aspatarian, senior director of the University's Slavic and Soviet Language and Area Center. The overall theme for the roundtables has been "Change and Chaos in the Communist World."

Trond Gilberg, director of the Slavic Center and head of the Political Science Department, will serve as program moderator.

Seminar scheduled

Roger Williams, assistant vice president and executive director of university relations, will present a seminar titled "George W. Atherton and the

Beginnings of Federal Support for Higher Education: Implications for American Higher Education Today from 3 to 5 p.m. Tuesday, Dec. 5, in the Memorial Lounge of Eisenhower Chapel at University Park. The seminar, sponsored by the College of Education will be based upon Dr. Williams' doctoral dissertation, which was named the 1989 dissertation of the year by the Association for the Study of Higher Education.

Graduate Lecture Series

C. McCollister Everts, senior vice president for health affairs at the Hershey Medical Center, will speak at the Graduate Lecture Series at 4 p.m. Wednesday, Dec. 13, in Room 101 Kern Building at University Park. Dr. Everts will discuss "Trends in Medical Education in the United States."

University Testing Service

During the Fall Semester final exam

period, Monday, Dec. 11, through Saturday, Dec. 16, University Testing Services will be open to receive work from 8 a.m. to 5 p.m. Monday through Friday and from 9 a.m. until noon on Saturday, Dec. 16.

Please submit recording rosters before the final exam period. Recording rosters submitted during finals will receive a lower work priority than jobs on answer sheets.

Mellon Foundation grant

The College of Education has received a \$40,000 grant from the Andrew W. Mellon Foundation, which will enable Roger Geiger, associate professor of education, to complete the second volume of *Research and Relevant Knowledge: American Research Universities Since World War II*.

This project has been the central focus of Dr. Geiger's work for more than eight years and has resulted in the first volume of this history and 21 additional publications. It has been supported in

the past by the Mellon Foundation, the Ford Foundation, the Spencer Foundation, and the Alfred P. Sloan Foundation.

Association meeting

With support from the Liberal Arts Research Office, the Department of Comparative Literature will be arranging for a shared bus to go to the Modern Language Association meeting in Washington, D.C. The bus will leave from University Park at 10 a.m. Dec. 27 and return from Washington at 2 p.m. Dec. 30. The cost is \$25/person round-trip (\$15 one-way).

University faculty and staff interested in this shared transportation should make a reservation in the Comparative Literature office (863-0589) by Dec. 10. If by that date there are not enough paid reservations to cover the cost of the bus, the bus trip will be cancelled. Check with the Comparative Literature office for further details.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling.

The brief statements for each vacancy are illustrative. They are not complete position descriptions. The announcement is made so that all University employees who are interested in promotion **MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 NETWORK LINE 433-0004.** Applications for these staff vacancies will be accepted until Dec. 7, 1989. **DO NOT CONTACT THE AREA THAT HAS THE VACANCY.** Applications for staff vacancies are considered in accordance with Fair Employment Practices (FEP) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law) sex or status as a disabled or Vietnam era veteran.

*** Procedures Specialist, Corporate Controller, University Park Campus** - Responsible to the manager of systems and procedures for the reviewing, investigating, analyzing and development of new and improved financial control and management procedures for all departments of the University. Requires bachelor's degree in business administration plus three to four years of effective experience in internal financial controls, procedures, forms control and general administrative management work. Computer experience is highly desirable. **THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1990 WITH A GOOD POSSIBILITY OF RE-FUNDING TO JUNE 1991.** **STAFF GRADE 7**

*** Clinical Nurse Specialist - Acute Pain Management Services, College of Medicine, Nursing Administration, The Milton S. Hershey Medical Center** - Responsible to the chairman, Department of Anesthesia, and the director of nursing for providing nursing expertise within the Acute Pain Management Services. Serve as consultant collaborator educator clinician researcher and change agent for these services. Requires master's degree in nursing plus one to two years of effective clinical experience in pain management/anesthesia and current licensure by Pennsylvania State Board of Nursing. Certification in this specialty area is desirable. **STAFF GRADE 7**

*** Staff Development Instructor, College of Medicine, Staff Development, The Milton S. Hershey Medical Center** - Responsible to the assistant director of nursing, Staff Development for the design and implementation of orientation, in-service education and specialized courses for all levels of nursing personnel. Requires master's degree or equivalent, in nursing with one to two years of effective clinical experience. Acute care and/or trauma nursing experience desired. **WILL REQUIRE SOME EVENING WORK. STAFF GRADE 6**

*** Assistant to the Director - Religious Affairs, Division of Student Programs, Student Services, University Park Campus** - Responsible to the director of religious affairs for the development and implementation of educational programs within the

context of religious affairs program philosophy and for the cultivation and coordination of programs and activities which focus on the needs of minority populations at Penn State. Requires master's degree in divinity, religious studies, or related field with an emphasis in theology or ethics and African-American religion plus up to 12 months of effective experience. Seminary background is preferred. **THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1990. STAFF GRADE 6.**

*** Clinical Head Nurse/Ambulatory Services, University Hospital, The Milton S. Hershey Medical Center** - Responsible to the manager, Ambulatory Services, for providing leadership to patient care personnel within a designated practice site, coordinating all the patient care activities within the pediatric practice site and performing a variety of nursing duties. Requires a registered nurse with a current license to practice professional nursing in Pennsylvania plus one to two years of effective

nursing experience. Bachelor of science degree preferred. Clinical head nurse, chemotherapy, venipuncture and outpatient experience preferred. **STAFF GRADE 5**

*** Supervisor, Athletic and Recreation Operations, Student Programs and Services, Delaware County Campus** - Responsible to scheduling facilities and personnel for special events, athletic, recreational, and instructional programs for implementing campus intramural programs and supervising and operating the Commons/Athletic Center. Requires associate degree, or equivalent, in physical education, recreation or related field plus two to four years of effective experience in athletics and student recreation, or a bachelor's degree and lesser experience is required. National Athletic Training Association certification and CPR's license required. Red Cross certification in CPR and first-aid instruction required. **STAFF GRADE 5**

Applicants for support center director sought

Charles H. Strauss, associate professor of forest economics, has been appointed chair of a search committee to identify candidates for the position of director of the Academic Support Center for Student-Athletes.

Other committee members are Stephanie A. Bozym, undergraduate student; Timothy M. Curley, assistant to the athletic director; Teri Jordan, head coach, women's track; Sandra K. Meyer, freshman academic coordinator/counselor; Ellen L. Perry, associate athletic director; Raymond A. Roundtree, graduate student; Dena M. Tauriello, undergraduate student; Brenda S. Townsend, basic skills coordinator, and David Tu, associate professor of biochemistry.

The director of the Center, which was established in December, 1986, is administratively responsible to the vice provost and dean for undergraduate education. The director also has an information line to the director of intercollegiate athletics regarding compliance related to NCAA and University Faculty Senate rules and regulations and to ensure appropriate communication between coaches and academic counselors for student-athletes.

The director is responsible for managing the budget for the Center, the development of programs that provide academic support for student-athletes, the development of all athletic eligibility reports, and the maintenance of a standard of excellence in

academic support for student-athletes that will continue to place Penn State as a recognized leader in this field.

Candidates should possess a master's degree, doctorate preferred, with extensive experience in higher education. Demonstration of experience with student-athletes will be helpful to the search committee in the selection process.

Candidates should submit a letter of application, curriculum vitae, and three letters of reference to Charles H. Strauss, 207 Old Main, University Park. The position is available on or before April 1, 1990. Applications and nominations will be accepted until Jan. 15, 1990, or until a suitable candidate is found.

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William E. Campbell Jr., Editor
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HOLIDAY SHOPPING GUIDE

INTERCOM's 10th annual holiday shopping guide appears on pages 4, 5 and 6.

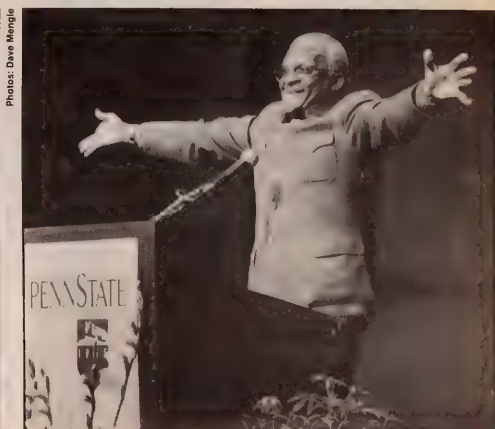
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President Jordan meets Archbishop Tutu at airport.



Archbishop Tutu in Eisenhower Auditorium.

Tutu thanks University for support against apartheid

Archbishop Desmond M. Tutu, the 1984 Nobel Prize laureate, visited University Park Saturday, Dec. 2, and thanked Penn State for its support of the global struggle to end apartheid in South Africa.

"I thank this University, its students and faculty for their tremendous support of our struggle for a new kind of South Africa," he said.

"Thank you for your SHARE program which has allowed our students and faculty to benefit from your tremendous facility. SHARE helps to support the morale of the victims and helps to reduce the cockiness of those who promote it."

"I also salute and thank you for your divestment policy."

President Jordan introduced Archbishop Tutu, who received a rousing ovation from a standing-room crowd of nearly 3,000 at Eisenhower Auditorium, many of whom waited for hours in sub-freezing temperatures to hear the Nobel laureate. Officials estimated some 1,000 to 3,000 people listened to the talk through speakers outside the auditorium.

In his moving speech, Archbishop Tutu

said that since 1912 the South African people have sought to change the racist system of South Africa non-violently, using

demonstrations, petitions, delegations.

"All we want is what they always have had—a share in the land of our birth, our

place in the sun. We are using non-violent strategies to change the system and our government talks about possible suffering of blacks. But apartheid is making us suffer now.

"When we ask your country and the world to apply sanctions, we are told they will hurt the people we are trying to help. But, for something that doesn't work, sanctions are extremely effective."

"South Africa is our country. We don't want to see it destroyed. We want it for all of us—black and white."

Archbishop Tutu's visit to the University was made possible through the work of Harold Hein, a Penn State alumnus who has worked with the Archbishop's daughter, Mpho, on the Southern African Refugee Scholarship Fund in New York. She operates the fund, which provides college and university scholarships for students fleeing political oppression in South Africa.

Mr. Hein said he sought Archbishop Tutu's appearance as a way of recognizing the University's SHARE program, which

(Continued on page 3)

Martin Luther King Jr. celebration

Penn State will celebrate the birthday of Martin Luther King Jr. again this year with a wide variety of activities. The centerpiece, among many scheduled events, will be a program in Eisenhower Auditorium from 4 to 5 p.m. on Monday Jan. 15. In order that faculty and students may participate in that event, classes will again be cancelled for 8th and 9th period (3:35 to 5:30 p.m.) on Jan. 15.

Those not located at University Park can watch the holiday program on television via satellite at their campuses or through PENNARAMA, carried on cable channels throughout large portions of the Commonwealth.

This year's celebration is particularly

significant to the University, because it occurs 25 years to the week after Dr. King spoke to a capacity audience at Rec Hall.

Please be advised that the only exception that will be made regarding the cancellation of classes will be for those classes where cancellation or rescheduling is impossible, such as certain laboratory sessions. Similarly, University staff members are excused from work starting at 3:45 p.m. on Jan. 15 so that they may attend the Eisenhower Auditorium event or watch it on television. Exceptions are made for persons in essential service areas such as security. See related story on page 2.

Greek leaders and University staff working together

At a time when some universities and colleges have taken steps to abolish fraternities and sororities, student leaders from the Greek system and Penn State staff are working together to address the issues that are causing problems across the country.

In doing so, both feel that significant progress is being made.

"Since 1986, Penn State's relationship with fraternities and sororities has been based on the principle that we ought to treat all student organizations in a similar fashion," William W. Asbury, vice president for student services, said.

"The changes we have made essentially give Greek student leaders more autonomy and responsibility to monitor and guide their own affairs. We also have increased our efforts toward educational programs such as the Greek Leadership Conference and male-female relationships.

"Penn State has not severed all its relationships with fraternities. In fact, our Student Services staff members are

more involved with fraternities and sororities than they ever have been."

The 1980 changes in student organization relationships require Greek letter organizations, when functioning on campus, to continue to be held responsible by the University for abiding by federal, state and local laws, as well as all University regulations. Off campus, all students and student organizations are expected to abide by local, state and federal laws.

The University will not, however, exercise any authority for student conduct which occurs off campus, including violation of the alcohol laws, unless such conduct has a substantial adverse impact upon the University community.

The changes require students to take more responsibility for enforcement of rules while providing both student leaders and the University an opportunity to emphasize other educational efforts.

The Greek system at Penn State, which is the second largest in the nation, includes 55 fraternities and 23 sororities. In Spring 1989, more than 2,500 men and 1,900

women — or 15 percent of the undergraduate student body — were members of the 78 chapters.

Greek letter fraternities and sororities belong to one of three major governing groups. Most fraternities at Penn State are governed by the Interfraternity Council and most sororities are governed by the Panhellenic Council. During the past summer, the University recognized the Penn State National Pan-Hellenic Council, which functions as the governing body for the historically black fraternities and sororities.

According to Mr. Asbury, Penn State has granted the three governing bodies the authority to set up regulations to oversee the activities of fraternity and sorority chapters as student organizations at the University.

The recent establishment of a Greek Leadership Council, he said, is evidence of the existence of a partnership between students and the University.

"This body, which includes the leaders from the Interfraternity Council, Panhellenic Council and National

(Continued on page 3)

Focus on Diversity

Campuses are planning Martin Luther King programs

A number of University campuses are holding special programs in observance of Martin Luther King Day.

Among the programs being planned are:

Altenont—Judith A. W. Thomas, professor of education and chair of the Social Science Division at Lincoln University, will be the featured speaker at noon Monday, Jan. 15.

Altoona—The King Celebration, a joint campus and community program featuring a speaker and a combined campus and community choir, will be held at 4 p.m. Sunday, Jan. 14. The campus also will provide transportation to University Park on Jan. 15 for Martin Luther King Day programs.

Beaver—Michael Gordon, dean of students at Indiana University, Bloomington, Ind., will be the featured speaker at a program at 3:30 p.m. Monday, Jan. 15, in the Laboratory Classroom Building. Theme of the program is "Awaken and Be Proud."

Berks—Faculty members and students at the Berks Campus will participate in a panel discussion on diversity in America at 3:15 p.m. Monday, Jan. 15, in the Student Center Auditorium.

DuBois—The "DuBois Campus Colloquium for Martin Luther King Jr. Day" will be held from noon to 2 p.m. Monday, Jan. 15, in Hiller Auditorium.

Penn State Erie, The Behrend College—The campus and Erie communities are being invited to an observance of Dr. King's birthday, featuring student reading of his works, inspirational songs, and video excerpts of Dr. King's speeches, at 4 p.m. Monday, Jan. 15, in Erie Hall.

Fayette—The Fayette Campus observance, scheduled from 11 a.m. to 4 p.m. Monday, Jan. 15, will include a special high school program, NAACP Youth Choir concert, recognition of black student achievement, film festival, and a thematic panel discussion. Theme of the program is "Stride Toward Freedom."

Great Valley—The film, "From Montgomery to Memphis," will be shown Monday, Jan. 15. Mrs. Emma C. Chappell, vice president, Continental Bank.

Annual memorial banquet planned

The Forum on Black Affairs has announced plans for its 12th Annual Dr. Martin Luther King Jr. Memorial Banquet at 6 p.m. Monday, Jan. 15, in the Hetzel Union Building Ballroom at University Park.

Christine Patterson, Martin Luther King banquet chair, said the committee already has received a significant number of preliminary requests, and tickets are expected to sell fast. Those planning to attend are urged to make reservations by purchasing tickets as soon as possible.

"We intentionally planned to begin immediately after the University's Martin Luther King activity. The doors will open at 5:30 p.m.," said Ms. Patterson, noting that this year's theme is "Living the Dream."

The banquet will feature presentations by members of the local community and University. Award presentations will include The Forum on Black Affairs Humanitarian Service Award and the State College Area School District Awards featuring artistic renditions of "Living the Dream" by students.

There also will be art displays and musical performances by people of various cultural and ethnic backgrounds from the University faculty and staff, students and community as we emphasize the significance of diversity," Ms. Patterson said.

Tickets for the memorial event are \$10 for adults and \$5 for children under age 12. Entrees will consist of chicken, roast beef au jus or vegetarian platter. Tickets may be obtained by calling ticket chairman W. Locker at (814) 863-3452 or Huey P. Jones at (814) 865-7576.

Philadelphia, will speak on "Keeping the Dream Alive: America's Minority Workforce and the Corporate Workplace—A Corporate Leadership Response" at noon Tuesday, Jan. 16. Films will be shown and an African-American Book Exhibit will be on display throughout the remainder of the week.

Hazleton—The Hazleton Campus will join Penn State Wilkes-Barre Campus, Penn State Worthington Scranton and Wilkes College in sponsoring a performance of "The Soldier's Story" at the Darte Center for the Performing Arts at Wilkes College Jan. 30.

Milton S. Hershey Medical Center—The Student National Medical Association at the College of Medicine at the Hershey Medical Center is sponsoring an essay contest at the Milton Hershey School and John Harris High School in Harrisburg. The top essays will be displayed on the College of Medicine's bulletin board.

Penn State. The University is, however, seeking scholars with some teaching experience.

Faculty will teach courses in their specialties to either graduates or undergraduates at one of the campus locations; advise students in their majors; attend University functions as appropriate; engage in research, as appropriate, using the many opportunities and facilities of a major research University and become part of the summer community at the University.

"This is the third year for this very successful program," Nancy M. Tischler, director of the Office of Summer Sessions, said.

"Last year, the program provided an

McKeesport—Dennis V. Brutus, chairperson, Black Studies Department, University of Pittsburgh, will speak at 2:30 p.m. Monday, Jan. 15, in the Student Union. His speech will focus on the contributions of Dr. King and the need for people to continue seeking the dream.

Mont Alto—The Mont Alto Campus is planning two events on Monday, Jan. 15, sponsored in conjunction with the African American Society at the campus. A special dinner in honor of Dr. King will be followed by a musical performance by Regency, including a testimony to Dr. King.

Ogontz—Andrew Young, mayor of Atlanta, Ga., former ambassador to the United Nations, congressman, and civil rights leader, will speak on "The Dream Lives On" at 12:30 p.m. Monday, Jan. 15, in the Woodland Building.

Shenango—Richard Anliot, director of the Division of Education/Community Services, Pennsylvania Human Relations

Commission, will speak on Monday, Jan. 15, at Farrell High School. The program is jointly sponsored with the Farrell Human Relations Commission.

University Park—Eleanor Holmes Norton, professor of law at Georgetown University Law Center, will speak at 4 p.m. Monday, Jan. 15, in Eisenhower Auditorium. Her speech will be telecast live on WPXS and PENNARAMA.

Other WPXS programs which will air in observance of Dr. King's birthday include "Cambridge Forum," a 10-part discussion and interview series with leaders of the African-American community nationwide, beginning at 11 a.m. Sunday, Jan. 14; "Martin Luther King Jr.: A Tribute by William Warfield," at 8 p.m. Monday, Jan. 15; "Eyes on the Prize II," eight-part continuation of the award-winning series chronicling the history of the civil rights movement, 10 p.m. Jan. 15; "Martin," an original ballet in five movements composed by Gordon Parks, 10 p.m. Jan. 17.

Wilkes-Barre—The Wilkes-Barre Campus is co-sponsoring a community lecture by Dorothy Cotton, dean of student affairs at Cornell University, at 2 p.m. Sunday, Jan. 14, in the Darte Center, Wilkes College. John Barnes, admissions officer at Penn State Wilkes-Barre, will speak on "Minorities in Higher Education" at noon Monday, Jan. 15, in the Science Center auditorium. A film series will be held throughout the remainder of the week. The campus will co-sponsor with Penn State Hazleton, Penn State Worthington Scranton and Wilkes College a performance of "A Soldier's Story" Jan. 30.

Worthington Scranton—The campus is co-sponsoring the community lecture by Dorothy Cotton on Jan. 14 and the performance of "A Soldier's Story" on Jan. 30. A film series is planned from Monday, Jan. 15, through Friday, Jan. 19, and an exhibit will be displayed during the week.

York—A Smithsonian Institution Paper Panel Exhibit, "Black Women: Achievements Against the Odds," will be displayed in the Community Room, Student Center.

863-4174. Applications will be reviewed as soon as they are received, with appointments beginning with Summer Sessions 1990.

Diversity Calendar

Saturday, Dec. 9
Central Pennsylvania Women of Color, 8 p.m. to midnight, Nittany Lion Inn, Winter Ball, featuring music by Passport and DJ "The Doctor."

Wednesday, Dec. 13
WPXS, 91.1 FM, "Perspectives," 6:30 p.m., "Roles and Responsibilities: University Faculty," radio talk.

December through January
Black Studies Room of Pattee Library, "Civil Rights Leaders: Where are They Now?" displayed through Jan. 31.

Minority scholars being sought for programs

The University invites nominations and applications for programs designed for minority scholars interested in teaching at one of the University's 22 locations during the Summer of 1990.

The Distinguished Scholars in Residence are experienced teachers, research scholars, artists, executives, or administrators whose broad record of achievement can enrich the classroom or the research laboratory. The faculty chosen for this program will be asked to provide a public lecture or exhibition, depending on their area of excellence.

The Scholars in Residence Summer Program is intended to provide teaching opportunities for recent holders of doctorates from institutions other than

opportunity for minority scholars to spend time at Penn State and to become familiar with our activities and programs. We have established excellent relationships with the scholars who participated in the program last summer.

Dr. Tischler pointed out that courses range from introductory level for underclassmen to graduate level, depending on the campus or college and the background of the scholars. The scholars may be appointed at a variety of college-level teaching ranks, and from a variety of disciplines.

Interested applicants should request an application from Nancy M. Tischler, director of Summer Sessions, 427 Boucke Building, University Park, telephone (814)

Undergraduate proposals solicited

One-page preliminary proposals are being solicited for the United Federal Savings Bank Endowment for the Enhancement of Undergraduate Instruction.

The purpose of the endowment is to enrich undergraduate instruction and to encourage the development of a diversity of academic interest among undergraduate students. Several awards in the range of \$3,000 to \$5,000 will be made for the 1990 calendar year.

Awards from the fund will generally be made for the development of projects such as new courses, minors and options, including honors sections and courses;

innovative instructional methods and procedures; and course work, both computer or audio visual, for new or existing courses.

Special priorities for 1990 are projects related to general education, integration of cultural diversity into the undergraduate curriculum, and writing across the curriculum. Proposals in these areas are encouraged, but awards will not be limited to these areas.

Proposals may be submitted from faculty members in all colleges at all locations and from staff members in academic support units. Recommendations will be made by a

review committee composed of members of the Administrative Council on Undergraduate Education and the Society of Teaching Award Recipients. Construction of capital facilities and fundings for the normal requirements of classroom and laboratory instruction are excluded from support. In previous years, successful proposals included support for items such as released time for faculty, but proposals were denied when they required funding for hardware such as laser printers.

Preliminary proposals should be submitted to the associate dean for undergraduate education, 207 Old Main, by Jan. 15, 1990. The review committee will screen the preliminary proposals and

recommend those to be prepared for further review.

Awards will be announced April 3, 1990. Recipients will be asked to prepare a brief report upon completion of the project and to facilitate distribution of projected outcomes within the University community.

One-page preliminary proposals should include a brief program description and rationale; a listing of key personnel and their responsibilities for the project; and a budget request and documentation of matching funds, if appropriate. Supplemental information and appendices are not to be forwarded at this time.

Penn State's SHARE program

Since 1985, Penn State's SHARE program has supported 10 South African students, six of whom have finished their degree programs and returned home. In addition, five faculty fellows have come for semester-long collaboration with Penn State faculty and staff. There currently are 10 students enrolled in degree programs, and the current faculty fellow is from the University of Cape Town.

The acronym SHARE is based on the University's commitment to promote academic exchange between Penn State and black, colored and Asian South African academics: S-Scholarship; H-Help; A-Academic Exchange; R-Review of Equity Holdings; E-Education.

Scholarship - The University supports up to 12 Black South African students at any one time. The Educational Opportunities Council, headquartered in Johannesburg, makes the initial selections and sends the applications to the South African Education Program of the Institute of International Education or to AUIOROA Associates in Washington, D.C. These two organizations then send the applications to Penn State and to other institutions for admission considerations.

Help - Penn State offers two one-semester South African Faculty Fellowships each academic year. This

brings faculty/staff members from the University of The Witwatersrand, The University of Cape Town and The University of the Western Cape to Penn State on a rotational basis among these three universities. Such Fellows pursue whatever objectives they and their home institution have determined can be accomplished using Penn State's resources. These can be in any field important to the development of their institutions.

Academic Exchange - Penn State invites South African educational leaders to visit the University, supports visits initiated by such South Africans, and sends its own faculty and staff to South Africa to familiarize the academic cadre in both countries with one another's systems and resources.

Review of Equity Holdings - This SHARE component is the province of the Board of Trustees which in 1987 voted to divest the University's holdings from companies doing business in South Africa.

Educational Programs - Such programs are designed to educate the Penn State community regarding the South African situation. Penn State's South African educational programs bring lecturers and other educational presentations, such as workshops and seminars to the campus.

Photo: Dave Mangia



Archbishop Tutu talks with SHARE program students.

Archbishop Tutu

(continued from page 1)

the Rev. Tutu helped develop.

"Penn State has one of the finest programs anywhere in the world for helping students in South Africa," he said. "His daughter and I agreed he would pay tribute to that program by appearing on campus."

Archbishop Tutu credited current South African President F. W. de Klerk for the release of eight black leaders, but said his policies do not get to the heart of South Africa's problem.

"What he is doing is responding in ad hoc fashion to the international community, which is too apt to be pleased too easily. We still have a state of emergency in South Africa, including detention without trial

and restraints on the media.

"We are not in the business of making it more comfortable. We are not in the business of reforming it.

"We don't want our chains made more comfortable. We want them removed. And we want it done for all South Africans—both black and white."

At a news conference following the speech, Archbishop Tutu said he was

concerned that changes in Eastern Europe have focused attention there, causing the world to forget the struggle in South Africa.

"People shouldn't forget that we've had centuries of oppression which could end if the West paid as much attention to apartheid as they do to communism."

—Bill Campbell



(Photo: Dave Shelly)

Greek student leaders with President Jordan are, from left, Tom Lynch, Interfraternity Council president; Brian Swain, National Pan-Hellenic Council co-president; Kelly Ayotte, Panhellenic Council president, and Donna Carter, National Pan-Hellenic Council co-president.

Greek system

(continued from page 1)

Pan-Hellenic Council, along with Student Services staff, collaborates on issues affecting Greeks and provides a forum for exchanging ideas and attitudes.

"Recognition of the National Pan-Hellenic Council, in combination with the establishment of the Greek Leadership Council, also has strengthened the relationship between historically black and historically white chapters."

Efforts aimed at change and reform are not limited to Penn State. The Fraternity Insurance Purchasing Group has been established by 35 national fraternities in an combined effort to manage risk, and to address four major issues: alcohol and drugs; hazing; sexual abuse and the general area of safety in and around fraternity property.

These are some of the issues, Mr. Asbury noted, that Penn State staff and student leaders have been working hard to address in recent years.

Historically, Greek organizations at Penn State have been prime movers in programs that benefit the entire community, such as Homecoming, and have been particularly active and effective in a wide range of philanthropic efforts. The IFC/Panhellenic Dance Marathon,

for example, is the largest student run philanthropy in the country.

"We now have more staff people involved with the Greek system," J. Thomas Eakin, assistant vice president for student programs, said. "In addition to providing support for their various projects, we see ourselves as having an important educational role in challenging chapter leaders to deal with various issues and problems such as those identified by the fraternity insurance group."

"We've tried to have them recognize and accommodate changes in the community, the university and society. We believe they've had some success in light of the fact that the Interfraternity Council and the Panhellenic Council have won regional and national awards."

"We're very proud of our student leaders, and although we don't always agree, we believe they've done an outstanding job on some very difficult issues."

"We will continue to seek improvement in those areas," Mr. Asbury noted. "We believe these key issues stand in the way of fraternity ideals being realized. They give to fraternities the 'Animal House' image that detracts from the quality things they do."

The new role of the Greek system at Penn State was emphasized by Tom Lynch, president of the Interfraternity

Jordans are initiated into Order of Omega

President and Mrs. Jordan were initiated as honorary members in Order of Omega at ceremonies Nov. 29 in Old Main at University Park.

The Order of Omega, a national honor society, recognizes fraternity and sorority members who excel in academics, extracurricular involvement and leadership. The Penn State chapter was started in 1984. Thirty-three new undergraduate members were initiated along with the Jordans by Wayne Lewis, chapter president, and other executive officers.

At the reception following the Order of Omega induction, Dr. Jordan spoke to a group of student and alumni leaders

associated with fraternities and sororities at Penn State. He assured them of the administration and Board of Trustees' commitment to a central role for Greeks in the life of Penn State. He noted the important role Greeks have played in the Penn State experience and endorsed important qualities of the Greek experience such as community, close personal friendships, leadership and the value of service to others.

William W. Asbury, vice president for student services, pointed out that fraternities and sororities contribute, not only through their philanthropic activities but by enriching the Penn State experience shared by all.

Council, in an Oct. 21 speech in observance of the 75th anniversary of the IFC.

"IFC is providing an education that can't be found in the classroom," he said. "What IFC and fraternities need to emphasize now is what we expect of young men."

"Fraternities and IFC have to protect our ritual and creeds. How much longer can people put any faith in our organizations when we say one thing and do something completely opposite?"

"We need to make very clear at the onset of such a relationship between a young man and a fraternity exactly what is expected of him."

Mr. Asbury said Penn State administrators believe the development of students is best served by a combination of support and challenge.

"The University supports Greeks by advocating for their needs, providing programs, assisting the Greek letter organizations in their programs and offering the advice of qualified staff."

"At the same time, together with leaders in the Greek system, the University must challenge Greek letter organizations to live up to the principles they espouse."

—Bill Campbell

University faculty, staff members receive awards

Office personnel award

Four secretaries have been named winners of the first Liberal Arts Outstanding Office Personnel Award given by the College of the Liberal Arts.

Recipients of the 1989 award are **Sandra Rano**, head secretary, Department of Psychology, 20 years of service; **Diane Roan**, secretary, Department of Speech Communication, 14 years; **Esther Strause**, secretary, Department of Psychology, 33 years; and **Karen Connolly**, secretary, Department of Spanish, Italian and Portuguese, five years.

Hari M. Nelsen, dean of the College of the Liberal Arts, presented the awards and a check for \$150. The college's Outstanding Office Personnel Award was created by The Liberal Arts Planning Advisory Committee to recognize exceptional performance and demonstrations of professionalism by clerical and staff non-exempt employees.

The award winners were nominated by their co-workers. A selection committee of clerical and staff non-exempt personnel had been elected by their peers to establish criteria and guidelines for the award.



Four staff members in the Division of Development and University Relations have received the Division's Professional Excellence Award. They are, seated, Jan Oakes, secretary, Senior Vice President for Development and University Relations; standing, from left, Rob Mothersbaugh, assistant director, Teledund; Michael Bezilia, manager of development communications, and Jeanne Synd, head clerk, Alumni Records.

the dean in the former College of Home Economics and Human Development.

Ms. Laubach "is a faculty member whom students remember long after they graduate," wrote one of her colleagues in nominating her for the award. She has taught undergraduate nursing courses at both University Park and Hershey, advised hundreds of students, and served as mentor to several faculty members as well.

Dr. Stuart received the Dorothy Jones Barnes Teaching Award, which rewards excellence in teaching and outstanding contributions to the art of teaching. It is supported by an endowment from Dorothy Jones Barnes, a 1944 Penn State graduate in home economics, and her husband, William T. Barnes.

Dr. Stuart teaches the complexities of

health care economics and health care finance to undergraduates. He places a high priority on undergraduate teaching and, although his courses are intellectually demanding, he consistently receives high marks on student course evaluations.

Research awards

John A. Lucas, professor of exercise and sport science, and **John L. Beard**, associate professor of nutrition, have been selected to receive the College of Health and Human Development's annual awards for outstanding research.

Dr. Lucas will receive the Pauline Schmitt Russell Distinguished Research Career Award, which honors senior faculty members who have made outstanding

research contributions throughout their careers.

Dr. Beard will receive the Evan G. and Helen G. Patishall Outstanding Research Achievement Award, which recognizes outstanding research contributions occurring or culminating within the past several years.

Dr. Lucas, an Olympic historian, observer, researcher, and teacher, has attended every Olympic Games for the past 29 years and serves as special consultant to the U.S. Olympic Committee and the International Olympic Committee.

The author of *The Modern Olympic Games* and co-author, with Ronald A. Smith, professor of exercise and sport science, of *Signs of American Sport*, he also has written more than 160 scholarly articles on sport and sport history.

He has been named to the American Academy of Physical Education, an honor limited to the 125 most eminent scholars in the field.

Dr. Beard has made a number of contributions to understanding the nature and consequences of iron deficiency. His research program spans questions regarding metabolism of neurotransmitters, thyroid metabolism, exercise performance, and effects of iron deficiency on cognition and behavior.

He has been selected for membership in the American Institute of Nutrition and has received several highly competitive awards, including a First Independent Research and Support Transition Award from the National Institutes of Health and a Competitive Research Award from the U.S. Department of Agriculture.

The Distinguished Research Career Award was endowed by Leo P. Russell, a 1941 industrial engineering graduate of Penn State, in honor of his late wife, Pauline Schmitt Russell, a 1948 graduate in home economics.

Penn Staters

James Kela, professor of education and director of the Rehabilitation Services Education Program, has been selected to receive the 1989 Anthony V. Venaco Memorial Award by the Pennsylvania Rehabilitation Counseling Association for significant contributions to the professional development of rehabilitation counselors.

Edwin Masteller, professor of biology, Penn State Erie, The Behrend College, presented a poster on "Adult Trichoptera Phenology from Long-term Emergence Collections on Headwater Streams" at the 6th International Symposium on Trichoptera at the University of Lod and Zakopane, Poland.

William E. Sopper, professor of forest hydrology, School of Forest Resources and staff member of the Environmental Resources Research Institute, presented an invited paper titled "The Utilization of Sewage Sludge in the United States for Mine Land Reclamation" at an International Workshop on Alternative Uses For Sewage Sludge held in York, England.

Donald A. Bryant, associate professor of molecular and cell biology, presented papers at the Molecular Biology of Membrane-bound Complexes in Phototropic Bacteria meeting in Freiburg, West Germany, and at the Eighth International Congress on Photosynthesis in Stockholm, Sweden.

Cengiz Camci, assistant professor of aerospace engineering, and **Budugur Lakshminarayana**, Evan Pugh professor of aerospace engineering, presented

papers at the ninth International Conference on Air Breathing Engines Athens, Greece.

Paris H. Chang, professor of political science and director of East Asian Studies Center, delivered lectures on China-Taiwan relations and the policy and leadership changes in the PRC at the Institute of Far East in Moscow. Dr. Chang's visit was at the invitation of the USSR Academy of Science.

Kalyan Chatterjee, professor of management science, presented a paper at the 1989 joint meeting of the Institute of Management Science/Operations Research Society of America/Canadian Operations Research Society (TIMS/ORSA/CORS) in Vancouver, British Columbia.

David P. Christy, assistant professor of management science and doctoral candidate John Groul are coauthors of a paper presented at the 1989 joint meeting of the Institute of Management Science/Operations Research Society of America/Canadian Operations Research Society (TIMS/ORSA/CORS) in Vancouver, British Columbia.

Della Durant, retired assistant athletic director, has been chosen as the sixth recipient of the ECAC's Katherine Key Award by the Eastern College Athletic Conference. The award is presented annually to a women's athletic administrator who is a strong proponent of women's issues and someone who serves as a role model for women coaches and administrators.

Terry P. Harrison, assistant professor of management science, was the

copresenter of two papers at the 1989 joint meeting of the Institute of Management Science/Operations Research Society of America/Canadian Operations Research Society (TIMS/ORSA/CORS) held in Vancouver, British Columbia.

Robert Hatten, assistant professor of music theory in the School of Music, presented an invited paper, "A Peircean Perspective on the Growth of Markedness and Musical Meaning," at the Charles S. Peirce Sesquicentennial International Congress at Harvard University.

Elizabeth J. Susman, professor of human development and nursing, and **Lothar D. Dorn**, who recently completed a Ph.D. in human development and family studies, presented an invited paper at an international conference on corticotropin releasing hormone.

Robert T. Tauber, associate professor of education, Penn State Erie, The Behrend College, presented a paper on "School Leadership: A Noninterventivist Model" at the British Educational Research Association conference in England. Dr. Tauber also presented a paper on "ERIC (Educational Resources Information Centre)," at the 25th Annual Conference of the Canadian Vocational Association in Toronto.

John J. Coyle, professor of business logistics, has been named editor of the *Journal of Business Logistics*, published by the Council of Logistics Management. It has a worldwide circulation of 7,500.

Roger J. Cuffey, professor of paleontology in the College of Earth and

Mineral Sciences, presided and presented two papers at the 8th Triennial Conference of the International Bryozoology Association in Paris.

Sharon Dale, assistant professor of art history, Penn State Erie, The Behrend College, received a National Endowment for the Humanities travel to collections grant to study Augustinian art patronage in Renaissance Italy, enabling her to travel in Italy.

Gordon F. De Jong, professor of sociology and director of the graduate program in demography, presented an invited paper at the 21st Congress of the International Union for the Scientific Study of Population in New Delhi, India.

Dennis A. Gioia, associate professor of organizational behavior, and **James B. Thomas**, assistant professor of management science, presented a paper titled "Strategic Sense-making in Top Management Teams" at the 1989 joint meeting of Institute of Management Science/Operations Research Society of America/Canadian Operations Research Society in Vancouver, British Columbia.

Gary L. Lilien, research professor of management science, presented papers at the Annual European Marketing Conference in Athens, Greece; the International Research Marketing Seminar in LaLonde Les Maures, France, and the joint meeting of the Institutes of Management Science/Operations Research Society of America/Canadian Operations Research Society in Vancouver, British Columbia.

University Park Calendar

December 7— January 11 Special Events

Thursday, December 7

Festival of Trees, noon, students of the Penn State Slute Studio. Palmer Museum of Art Bach's Lunch, 12:10 p.m., Eisenhower Chapel. Sing-A-long of Christmas Carols. Museum-School of Visual Arts, panel discussion, 8 p.m., Palmer Museum of Art. "The Use and Misuse of Contemporary Criticism."

Friday, December 8

Classes end 9:30 a.m.
Festival of Trees, noon, Woodwind Quartet. Chamber Music from the School of Music, Palmer Museum of Art.
Geog. Coffee Hour, 4 p.m., 319 Walker. Neil Smith, Rutgers, on "Mapping a Gentrification Frontier: Investment and Disinvestment on the Lower East Side."

Shaver's Creek, 7-8:30 p.m., Moonlit Hayride.

Also Dec. 9. Call 863-2000.

Center for the Performing Arts, 8 p.m.,

Eisenhower Aud. Louisville Ballet, *The Nutcracker*. Also Dec. 9, 2 p.m.

School of Music, 8 p.m., Recital Hall. Student composer's concert.

Saturday, December 9

Festival of Trees, 2 p.m., Youth String Ensemble, Palmer Museum of Art.
Women of Color, 8 p.m.-midnight, Winter Ball, Nittany Lion Inn.

School of Visual Arts, Saturday Morning Art School exhibition and open house, 10 a.m.-5 p.m., Chambers Gallery.

Sunday, December 10

Festival of Trees, 1:30 p.m., Hi-Lo's 3 p.m.,

Clarinett Quartet, Palmer Museum of Art.

Monday, December 11

Final exams, through Dec. 16.

WordPerfect Users Group, 1:30-3 p.m., 141

Computer Bldg.; Dec. 15, 8:30-10 a.m., 6

Willard.

4th Women's Studies Faculty/Advisory

Committee meeting, 1:30-3:30 p.m., 12 Sparks.

All faculty and students are welcome.

Tuesday, December 12

Penn State, Kent State Univ. and American

College Personnel Assoc., Student Affairs Seminar Series, 6-9:30 p.m., S. Pattee Library. Pat Peterson on "Freedom of Speech vs. Human Dignity on Campus." Preregistration, 865-3443.

Thursday, December 14

Commission for Women meeting, 9:15 a.m. - 1 p.m., 101 Kern.

Wednesday, January 3

Arrival day for new students

Thursday, January 4

Convocation for new students, 10 a.m., HUB

Ballroom. Dr. Thomas G. Poole, director,

Eisenhower Chapel, will discuss issues of

intellectual and personal growth.

Men and Women of Color Luncheon, noon-1 p.m., Nittany Lion Inn.

Friday, January 5

Registration deadline

Saturday, January 6

Commencement, 10:30 a.m., Arts and

Architecture, Business Administration, Earth

and Mineral Sciences, Liberal Arts, Science, 2

p.m., Agriculture, Communications, Education,

Engineering, Health and Human Development.

Monday, January 8

Classes begin 8 a.m.

International Events

Education Abroad Programs

The application deadline has been extended to

Jan. 31, 1990, for 1990-91 programs in Cairo,

Nairobi, Nice, Taipei and Tel Aviv.

Friday, December 8

Interludia Folk Dance Club, recreational folk

dancing, 7:30-10:30 p.m., 135 White Bldg.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5-6:30

p.m.; Saturday and Sunday, 5-6 p.m., Morning

Edition, Monday-Friday, 6-8 a.m.; Weekend

Edition, Saturday and Sunday, 11 a.m.-1 p.m.

"Odyssey Through Literature," 12:30 p.m.

Wednesdays, with S. Leonard Rubinstein.

"Perspectives," 6:30 p.m. Wednesdays, with

Jeff Ballou. "Creative Lives," 12:30 p.m.

Thursdays, with Asa Berlin and Pam Saulnier.

Conferences

Continuing Education

Keller Building

Dec. 11-13, Cooperative Directors' School. Harold

Doran, associate professor of agricultural

education and economics, chair.

Dec. 12-15, Qualification Course in Well Control

Slut Supon, instructor of petroleum and

natural gas engineering, chair. Norm Lathbury,

coordinator.

Dec. 12 and 14, Pennsylvania Bar Institutes. Jerri

Milson, coordinator.

Dec. 12-14, Motor Fleet Safety for Supervisors.

Eric Loop, coordinator.

Seminars

Thursday, December 7

Spatial and Temporal Signal Processing Center, 1-

2 p.m., 123 Electrical Engineering East. Brian

D.O. Anderson, Australian National Univ., on

"Robust Strict Positive Realness."

Characterization and Construction." Also Dec.

8, 11 a.m.-noon, "Frequency Tracking of

Nonsinusoidal Signals in Noise," Dec. 11, 10-11

a.m., "Controller Reduction: Concepts and

Approaches."

Physics Colloquium, 3:30 p.m., S5 Osmond Lab.

Saji Nagamiya, Columbia Univ., on "Heavy

Ion Experiments at BNL and CERN."

Ecology, 4 p.m., 111 Wartik. Kenneth R.

Dickson, North Texas State Univ., on "The

Use of Remote Sensing and Geographic

Information Systems for Addressing Water

Resource Problems."

History Colloquium, 4 p.m., Memorial Lounge.

Eisenhower Chapel. Robert Proctor, The New

School for Social Research, on "Racial Hygiene:

Medicine Under the Nazis."

Friday, December 8

Ag Economics and Rural Sociology, 3 p.m., 212

Eisenhower Chapel. Emerson Babb, Univ. of

Florida, on "Critique of Experimental

Economics."

Agronomy, 3:35-4:25 p.m., 111 Tyson. Zeev

Ronen on "Metabolism of Pyridine Under

Denitrifying Conditions."

Monday, December 11

EPF, 4 p.m., 339 Davey Lab. Michael Douglas,

Rutgers Univ., on "Strings in Less Than One

Dinnerman

Friday, January 5

Neutron Activation Analysis Workshop, 8-15

a.m.-4:30 p.m., Penn State Brezler Reactor.

Tuesday, January 9

Chemistry Colloquium, 3-30 p.m., S5 Osmond

Lab. Stephen J. Benkovic on "Catalytic

Antibodies."

Exhibits

HUB Galleries

Dec. 12-14, Rachel Rachis Creations, through Dec. 8

Art Gallery Panels.

Iconography: History of the French Revolution

Two Centuries of Pastures and Symbols of the

Republic, through Dec. 8

Browsing Gallery:

1st Reunion in the Homicide Orbit -- when the

sign of the morning pixels permeate through

my window in the afternoon by Derchyan Lin,

through Dec. 8

Kern Galleries

College of Arts and Architecture Research

Exhibition, through Dec. 22.

The French Revolution Machine, through Feb.

28.

Palmer Museum of Art

Festival of Trees, through Dec. 10

Janis Drake, *The Border/La Frontera*, through

Jan. 21.

Mohamed Agag, ceramics, through Dec. 21

The Loti and Victor Simon Collection of

"Contemporary Australian Art," through Feb. 11

Pattee Library

East Corridor Gallery:

Philip Sauerlander, *Serigraphs*-State College,

through Jan. 26.

Zoller Gallery

School of Visual Arts Faculty Exhibition, through

Dec. 16.

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of

the message you wish to hear. Messages are

listed in the front of the telephone directories.

Other messages are Weather-2-44, Arts Line-

345, University Calendar-456

Focus on the arts

Sculpture exhibition

An exhibition of sculpture by Ken Bass, master of fine arts candidate, will be on display Dec. 11 through Dec. 16 in the Zoller Gallery of the School of Visual Arts at University Park.

Mr. Bass earned his bachelor of fine arts degree from the University of North Carolina. His work investigates the relationship between language and image and the meaning that emerges or fails to emerge in that space.

Handbell concert

Frank Bowker, the only professional handbell soloist in the United States, will present a concert at 8 p.m. Friday, Dec. 8, in Room 102 Kern Graduate Building at University Park. It is free and open to the public. Mr. Bowker, whose unique instrument and talents are combined in a wide spectrum of music, has toured in more than 50 states.

He has been featured with various orchestras, and recently performed with a brass quintet from the Philadelphia Orchestra.

The arts on Channel 3

Lerner and Loewe: Broadway's Last Romantics, airing at 8:30 p.m. Saturday, Dec. 9, on WPSU-TV, celebrates the work of these two musical geniuses, through film clips from all the Lerner and Loewe movies including such favorites as "My Fair Lady," "Paint Your Wagon," "Camelot," and "Gigi," and through rare television footage of some of the original Broadway casts.

Sentimental Swing: The Music of Tommy

Dorsey, a nostalgic musical celebration taped at the world-famous Palladium in the heart of Hollywood, airs at 8 p.m. Saturday. This 90-minute tribute to the music of the big band legend Tommy Dorsey features Mel Torme as host and spotlights vocalists Jack Jones, Maureen McGovern and the L.A. Voices.

Stars of Broadway, opera and concert halls salute public television in *A Musical Toast*, a sparkling three-hour music special airing at 8 p.m. Sunday, Dec. 10.

Tailgate party

The Penn State Bookstore on campus will host a book-signing and tailgate party to feature the Alumni Association's book *Cookin' With The Lion*.

The public is invited to come to the bookstore from noon to 3 p.m. Friday, Dec. 8, to meet representatives from the Alumni Association and to sample a selection of the recipes found in the collection of Penn State favorites.

Cookin' With The Lion contains 275 of the best recipes submitted by friends and alumni of Penn State. The 300-page hardbound book, complete with color photographs, artwork, Penn State food facts, stories and recipes, is the culmination of 18 months of effort, with more than 1,400 alumni and friends helping with the project.

The bookstore is offering a 20-percent discount on the book. A portion of the proceeds from the sale of the cookbook benefits the Alumni Association Student Scholarship program. For more information call Elizabeth Wilson at 863-3250.



Frank Bowker

Penn State authors

The Penn State Bookstore on campus, as part of its Annual Holiday Celebration and Appreciation Sale, will hold its "Celebration of Authors" from Dec. 11 to 13.

During the sessions, the authors will be available to sign and discuss their books, which will be offered at 20 percent off during the appreciation sale, which begins Dec. 11.

The Penn State authors are:
— Dec. 11, noon to 2 p.m. -- Neil Fogarty, *The Mystery of the French Mist and The Mystery of the Runaway Russian* (Cricklewood Press, 1989)

— Bernard Badiali and Tina Hay, *Recollections, Your Memory-A-Day Journal* (Scott, Foresman and Co., 1969)

— Dec. 12, noon to 2 p.m. -- Gary Gallagher, *Fighting for the Confederacy: The Personal Recollections of General Edward Porter* (University of North Carolina Press, 1989)

— Dec. 13, noon to 2 p.m. -- Charles Meek, *Pennsylvania Trout Streams and Their Hatches* (Backcountry Publications, 1989)

Bookshelf

Footnotes are the key to appealing honest in research, Gerald M. Phillips, professor of speech communication, jokingly suggests in a new collection of "Murphy's Law"-like advice.

"If you footnote every seventh line, you will never be accused of plagiarism," he says. That is just one of six useful academic laws dispensed by Dr. Phillips in *The New Official Rules: Maxims for Ambling through the Twenty-first Century* (Addison-Wesley, 1989), edited by Paul Dickson.

Other laws include the Law of Practicality -- "anything that works is not scholarly"; and the Law of Promptness -- "if you can't do it correctly, do it by the deadline." These nuggets of advice were first published in Dr. Phillips' book on practical politics, *How to Support Your Cause and Win* (University of South Carolina Press, 1984).

Dr. Phillips is the author of 33 books and more than 100 articles and monographs.

News in Brief

EOPC Minority Scholarships

The Office of Education Abroad Programs has awarded its first EOPC Minority Scholarships for Study Abroad to three minority students who have applied and been accepted for a semester or yearlong program beginning in Spring 1990.

The scholarship winners will be asked to help in outreach activities on their return, enabling more students to learn about study abroad opportunities available through the University.

Convocation for new students

The Spring Semester convocation for new students will be held at 10 a.m. Thursday, Jan. 4, in the Helzel Union Building Ballroom at University Park.

Thomas G. Poole, director,

Eisenhower Chapel, will discuss various issues of intellectual and personal growth as they relate to ethical decision-making, commitment and responsible involvements.

Dr. Poole, who also serves as director of religious studies and affiliate assistant professor of religious studies, has written widely on such topics as education, values and race, the black family and black church, and the nonviolent ethic of Martin Luther King Jr.

Evergreen theft

Each year during this season, some people attempt to steal Penn State evergreens for use as Christmas trees. These people are usually unaware that many of the trees adorning the campus are for research studies and represent years of work. The value of a University tree could be as much as \$5,000.

Persons apprehended for stealing University trees will be charged with theft and could receive up to two years in prison, a \$5,000 fine or both, according to the University Safety Department. In addition, University students will be referred to the conduct

standards office, where they may face separation from the University.

Police will be heavily patrolling the University tree lot, golf courses and farm lands with marked units and various surveillance techniques in an effort to apprehend Christmas tree bandits.

Phi Beta Kappa Founders Day party

The annual Phi Beta Kappa Founders Day Sherry Party will be held from 4 to 6 p.m. Sunday, Dec. 10, in the Fireside Room of the Nittany Lion Inn at University Park.

During the festivities, the two Senior Thesis Research Prizes will be awarded, one in science and one in the liberal arts.

All Phi Beta Kappa members are welcome. Call Gabriele Michels at 863-0405 for more information or to be added to the membership list of the local chapter.

Neutron activation workshop

A one-day workshop on the use of Neutron Activation Analysis will be held from 8:15 a.m. to 4:30 p.m. Friday, Jan. 5, 1990, at the Breazeale Reactor at University Park.

The workshop is open to faculty, staff, and students who desire to learn more about this method of analysis. Neutron Activation Analysis is non-destructive, and for many elements, the most sensitive technique available for trace element identification and quantification.

The morning session will consist of three one-hour lectures. The afternoon session will consist of a two-hour laboratory experiment using neutron activation analysis, and a one-hour tour of the facility.

There is no charge for the workshop, but the number of participants will be limited. Those who are interested in attending should register with Jennifer Wellar at 865-6351.

The Campaign for Penn State

\$750,000 from Heinz Endowment

Grant aids nutrition education

The Howard Heinz Endowment has awarded the University's Nutrition Center a \$750,000 grant to help improve nutrition education in secondary schools, and to teach diabetic children how they can change harmful eating habits.

Plans call for the center's staff to conduct mini-seminars for junior- and senior-high school teachers in more effective methods of teaching nutrition.

"Nutrition VanGo," the center's mobile nutrition education unit, will transport the seminars to local school districts. Through a collaboration with Children's Hospital of Pittsburgh, the center will develop a series of home-based, autotutorial programs to help diabetic children and their families cope with complex dietary restrictions.

"The programs developed with this

grant's support will benefit children far beyond those with whom we will work directly," Barbara M. Shannon, professor of nutrition and the nutrition enhancement program's director, said. "As nutrition education models, the programs will have the potential for widespread use to improve children's eating habits. We are very grateful for the opportunity this grant provides us."

The Pittsburgh-based Howard Heinz endowment was established in 1941 through a bequest by Howard Heinz, a son of H.J. Heinz, founder of the food products firm H.J. Heinz Co. The grant from the endowment is the latest from members of the Heinz family to Nutrition Department programs.

Romigs aid teaching and research lab

Gerald C. and Thelma Romig of Fort Washington have donated \$100,000 for a teaching and research laboratory in the Biotechnology Institute.

"This gift will help equip the Protein and DNA Chemistry Center that serves more than 65 University researchers," Jean Brenchley, institute director, said. "Projects at the center include making and analyzing compounds that detect cancer-causing genes, producing factors to cure anemia and studying how plant cells make chocolate."

Mr. Romig graduated from the University with a bachelor's degree in chemistry in 1927 and spent his entire career at Amchem Products, a chemical company now part of the Rorer Group Inc. He rose through the ranks and served as president from 1956 to 1970, and as chairman of the board from 1966 until his

retirement in 1977. He also is director emeritus of Rorer Group.

Biotechnology develops biological systems or organisms for commercial applications, such as life-saving drugs, better health care, improved crops and animals for agriculture and work-saving products for the home.

The Biotechnology Institute is headquartered in the 64,000-square-foot Warik Laboratory, which houses state-of-the-art laboratories for research, education, training and services. The Institute focuses on application-oriented research and upon training individuals for employment in biotechnology-related industries.

Mr. Romig, who also earned a master's degree in chemistry from Penn State in 1928, was honored with the Distinguished Alumnus Award in 1978.

Pa. livestock group donates \$50,000

The Pennsylvania Livestock Association has donated \$50,000 to the Penn State Judging Team Endowment Fund. The gift, which will be donated in increments of \$5,000 per year over the next 10 years, will benefit members of the Penn State livestock, meats and horse judging teams.

The Pennsylvania Livestock Association established the Judging Team Endowment Fund in 1981 to ensure that the three Penn State judging teams have the necessary funding to enter annual national contests. Believing that the competitions are a vital part of educating future stockmen, the PLA has made yearly contributions to the fund.

Two graduates of the Penn State College of Agriculture, Henry Gruber of New Tripoli, Pa., and Peter Krall of Calasauque, Pa., were among the PLA members instrumental in securing the donation.

"This commitment is a terrific boost to the Pennsylvania Livestock Association Judging Team Endowment Fund," said Paul J. Wangness, former head of the Dairy and Animal Science Department and currently regional director for the Capital Region of Penn State Cooperative Extension. "We are extremely grateful for the association's continued and strong commitment to our educational programs. We anticipate that the commitment and leadership shown by PLA through this gift will be a catalyst for additional support from other individuals and groups toward our judging teams programs."

"Judging teams are an important part of

the education of many of our students," Lamarine F. Hood, dean of the College of Agriculture, added. "In continuing their support of the teams, the members of the Pennsylvania Livestock Association will have a significant impact on students in the College of Agriculture, and on the livestock industry, for years to come."

The Pennsylvania Livestock Association is dedicated to promoting the marketing, processing and maximum use of beef cattle, sheep, swine and horses within Pennsylvania. The 225-member association sponsors the Keystone International Livestock Show held every October at the Farm Show Complex in Harrisburg.

Golf journey raises funds for Hershey

The 20th annual Jake Gittlen Memorial Golf Tournament, held in August at the Blue Ridge Country Club near Harrisburg, raised \$207,000 for cancer research at The Milton S. Hershey Medical Center. Since the tournament began in 1970, it has raised more than \$1.1 million for the Medical Center.

"This was our most successful event ever.

We all feel a great sense of pride and accomplishment," said organizer Warren Gittlen, a 1955 Penn State graduate and public relations director for Universal Investment Co. of Harrisburg. The event is named for his father, who died of cancer in 1970.

More than 500 golfers participated, and nearly 50 Harrisburg-area businesses made donations. Gov. Robert Casey sent a plaque citing the tournament as the most successful amateur golf fund-raiser in the nation.

At the post-tournament dinner, John W. Kreider, professor of pathology and microbiology, announced that the Medical Center had approved the formation of the Jake Gittlen Cancer Research Institute. Under Dr. Kreider's direction, the institute will recruit some of the top medical researchers from around the world to study the causes of cancer and perfect treatments for the disease.

"Big Five" Public University Campaigns

	Goal	Raised	Campaign Ends	Duration (years)
University of California, Berkeley	\$400 million	\$368 million	June 30, 1990	3
Ohio State University	\$350 million	\$403 million	June 30, 1990	5
Penn State	\$300 million	\$308 million	June 30, 1990	6
University of Minnesota	\$300 million	\$365 million	June 30, 1988	3
UCLA	\$300 million	\$355 million	Dec. 31, 1988	6

Partings

Norman "Bill" Patterson, associate professor of mathematics at Penn State Erie. The Behrend College, will retire Jan. 1, 1990, after 36 years service.

Mr. Patterson received his bachelor's degree in chemistry from Penn State in 1949. He also earned his master's degree in mathematics from the University in 1952.

In 1953, he began his teaching career at Penn State-Behrend as an instructor in mathematics, just five years after the college was founded as The Behrend Center. He was named assistant professor in 1956 and associate professor in 1962. He was honored for his teaching contributions in 1972 when he received the college's Outstanding Teacher-of-the-Year award.

In addition to filling a wide variety of committee assignments through the years, Mr. Patterson served as math coordinator at Penn State-Behrend from 1974 until 1985. He also has served as the dean's representative for the College of Science since 1981.

He and his wife, Dorothy Gillis Patterson, reside in Wesleyville, Pa. All three of their children are Penn State graduates.

Retirement plans for Mr. Patterson include pursuing his life-long passion: photography. His specialty is three-dimensional photography, and he is



Norman Patterson

president of The Stereoscopic Society, a national organization of 3-D photographers founded in 1893.

Jan Smith, associate librarian and head librarian of the Arts Library, has retired from the University after 25 years of service.

She came to Penn State as arts librarian to organize collections and services in art-

and music, and later was made responsible for the architecture library, with responsibility for the Architecture Reading Room as well.

While with the University Libraries, Ms. Smith witnessed and was part of a lot of changes. "It was exciting because things were happening all the time. I watched the library's departments grow and the LIAS computer system replace the card catalogs."

Ms. Smith attended Stephen's College and received her bachelor of fine arts degree from Virginia Commonwealth University. She received her master in library science degree from Rutgers University.

She looks forward to having time to garden, quilt and start painting again.

May Jane Archer, food preparer, Housing and Food Services, from Aug. 23, 1965, until Aug. 5.

George Harpster, lead mechanic, auto, Physical Plant, from Sept. 1, 1952, until Jan. 15, 1953, and from Oct. 19, 1964, until Oct. 20.

John R. McAvoy, janitorial worker, Physical Plant, from Oct. 1, 1963, until Sept. 30.

Virginia M. Meyer, food service worker, Housing and Food Services, from April 25, 1969, until May 30.

Sarah Stover, pharmacy technician, Student Services, from Feb. 24, 1958, until April 7, 1959, and from Sept. 1, 1959, until June 30.

Shirley M. Hosterman, head college health nurse, Student Services, from Oct. 1, 1960, until Oct. 1.

Josephine Koch, extension agent, Agriculture, from March 1, 1972, until Oct. 1.

Hilda Geyer, lab attendant at Hershey Medical Center, from Feb. 11, 1974, until Oct. 14.

Elmer B. Cartwright, associate housekeeping supervisor, Housing and Food Services, from April 11, 1977, until Nov. 1.

Beryl Smith, clerk, admissions at Penn State Harrisburg, from April 19, 1970, until Nov. 1.

Richard S. Singer, experimental mechanic at Hershey Medical Center, from Aug. 17, 1970, until Nov. 3.

Norman Tapley, receiving clerk at Hershey Medical Center, from April 12, 1976, until Nov. 4.

Suzanne Hoke, licensed practical nurse at Hershey Medical Center, from Feb. 5, 1973, until Nov. 10.

Ruth B. Port, food services worker, Housing and Food Services, from Sept. 3, 1974, until Nov. 10.

Obituaries

Frederick B. Marbut, professor emeritus of journalism, died Nov. 20 at the age of 84.

A graduate of George Washington University, he received master's and Ph.D. degrees from Harvard University. He spent 11 years in the newspaper field, with service on the *St. Louis Globe-Democrat*, *Sioux City Tribune*, *Montana Standard*, *Panama American*, *Washington Evening Star* and *Washington Times*. Associated Press, and the *Cleveland News*.

He taught at Kent State University from 1941 until 1944 when he joined the Penn State faculty. He retired Nov. 1, 1966.

Dr. Marbut was a Smith-Mundt scholar in Bolivia in 1957 and at the University of Nicaragua in 1962. He lectured for the State Department in Ecuador, Venezuela, Argentina, Chile and Uruguay in 1958, and carried on research in the office of the International Press Institute in Zurich, Switzerland, in 1956.

Dr. Marbut was a member of the Association for Education in Journalism, Sigma Delta Chi, International Press Institute, and the American Association of University Professors.

Frederick M. Ciletti, retired special assistant to the president for governmental affairs, died Dec. 1. He was 63.

A graduate of South Philadelphia High School, Mr. Ciletti received bachelor and master of arts degrees from Penn State in

English literature. In 1950, he joined the faculty at the Penn State Hazleton Campus as an instructor in English. In 1951, he was transferred to the Schuylkill Campus at Pottsville, where he was named assistant director in 1954 and associate professor of English in 1962.

He served as dean of student affairs, dean of the faculty and assistant director for resident instruction before joining the staff at University Park in 1969 as director of Commonwealth Relations in the Office of Governmental Affairs. He retired with emeritus status Dec. 31, 1986, after 36 years of service.

A veteran of World War II, Mr. Ciletti served from 1943 to 1946 with the Army Air Corps. As a radar operator, he saw

service in the southern and western Pacific with the 90th Bombardment Group. Before discharge, he served with occupation forces in Japan.

In 1989, the Alumni Association of Pottsville presented Mr. Ciletti with the Edward G. Fox Alumni Award, and the City Council presented him with the Pottsville Pride Honors Award. In 1988, Mr. Ciletti was presented with the Penn State Lion's Paw Medal for service to Penn State. He was a life member of the Penn State Alumni Association and a member of Our Lady of Victory Catholic Church in State College.

Memorial contributions may be made to Frederick M. and Helen N. Ciletti Scholarship Fund for Worthy Scholars at

the Schuylkill Campus, in care of Office of Gifts and Endowments, The Pennsylvania State University, 108 Shields Building, University Park, Pa. 16802.

Frederick C. Brodzina, plumber-fitter, Physical Plant, from April 13, 1964, until his retirement June 20, 1982, died Nov. 22 at the age of 72.

Frank H. White, agronomy technician, College of Agriculture, from Sept. 19, 1949, until his retirement July 1, 1969, died Nov. 23. He was 85.

James J. Dry, console operator, Applied Research Laboratory, from Jan. 16, 1961, until his retirement July 1, 1980, died Nov. 24 at the age of 68.

Third group of buildings to get into recycling

The third group of University Park Campus buildings will go on-line in the recycling program on Dec. 11.

The buildings are: Agricultural Engineering, Agricultural Administration, Henning, Armsby, Art Education Crafts, Birch Cottage, Borland Lab, Calorimeter Bldg., Credit Union, DGS, Eisenhower Auditorium, Fenske Lab, Ferguson.

From the first group alone, more than 14,000 pounds of paper and more than 2,000 pounds of containers have been collected, according to Phil Melnick, manager of support operations and special programs for the Physical Plant.

Initially, there will be two separations: one for paper and one for containers. The rest will be considered non-recyclable trash and discarded as usual.

Recyclable paper includes white ledger paper (writing, typing and copy), newspaper, computer printout and corrugated cardboard. Containers include clear, green and amber glass, aluminum cans, plastic soda bottles, plastic milk and water jugs, and steel and tin metal cans.

The paper must be dry and not contaminated by food. Also, containers should be rinsed before depositing in the collection boxes.

In offices and classroom buildings, central containers will be located in office areas and corridors. All receptacles will be marked for recyclables.

The janitorial employees and a network of select individuals in each building have had a more detailed orientation, and they will be assisting with the program in their departments.

Additional information on the University Park Campus program is available by calling the Recycling Hotline, (814) 865-8000.

Faculty/Staff Alerts

Courses for employees

The Human Resource Development Center, 319 Rider Bldg., has openings in the following courses. Call the Center at 865-3410 for registration information.

Conflict Resolution Focuses on theories of anger, different reactions to anger, and the implementation of techniques and skills to use in resolving conflicts; meets from 9 a.m. to 4 p.m. Wednesday, Dec. 13; cost: \$55.

Writing and Improving your Resume Learn how to write an effective resume for the job search; meets from 1:15 to 4:30 p.m. Thursday, Dec. 14; cost: none.

Understanding Yourself as a Manager Designed to explore the importance of values, abilities, and attitudes; as well as

management's influence upon the work climate; meets from 9 a.m. to 4 p.m. Wednesday, Dec. 20; cost: \$55.

Essentials of Management An AMA video/workbook program designed for supervisors with first-line management responsibilities, suitable for any supervisor; meets from 8:30 to 11:45 a.m. every Tuesday and Friday, Jan. 9 through 26; cost: \$125.

Oral Communications Offered for employees who seek to improve their verbal effectiveness in areas related to their jobs; meets from 1:30 to 4:30 p.m. Tuesdays, Jan. 9, 16, and 23; cost: \$75.

Intergroup Relations II Includes practical skills to improve interactions with culturally diverse individuals, including staff

new to your work area. Prerequisite: Intergroup Relations I; meets from 9 a.m. to 4 p.m. Wednesday, Jan. 17; cost: none.

Managing Cultural Diversity Practice decision-making related to cultural diversity, and challenge and develop your managerial skills; meets from 9 a.m. to 4 p.m. Monday, Jan. 22; cost: none.

Stress Management Identifies stressors and their effects, and develops an individualized and realistic plan to cope with stress; meets from 9 a.m. to 4 p.m. Wednesday, Jan. 24; cost: \$55.

Penn State operators

Penn State operators will be on the following schedule during the holiday

break:

Dec. 22 to 24 and 26 to 31, 8:30 a.m. to 4:30 p.m.; Dec. 25 and Jan. 1, closed; Jan. 2 will resume normal business hours of 7:30 a.m. to 11 p.m.

Carpoolers

An employee needs a ride from University Park to Scotia Road at 2:30 p.m. Call 234-3749.

Judy would like to carpool from Huntingdon to University Park. Her work hours are 8 a.m. to 5 p.m. Call 865-2505 or 627-3416.



Penn State Downtown Center

Harrisburg center open for visitation

If you are planning a trip to Harrisburg, stop by the University's newest location, the Penn State Downtown Center, to see the facilities available to members of the University community.

The center, which opened in January, is located at 234 N. Third St. and is directly across from the state capitol complex, offering convenient access to legislative offices and governmental agencies.

The 7,000-square-foot facility houses three classrooms, administrative and faculty offices, student intern offices and a regional office for the University's Continuing Education Program. It also provides access to the University Libraries, Pennsylvania State Data Center and the University's computation facilities, according to Nancy Karlik, assistant director of the center.

The center is managed by the Institute of

State and Regional Affairs at Penn State Harrisburg. Its operations are overseen by Robert W. Surridge, associate director of the institute.

Since its opening, the center has hosted graduate-level courses from University Park's graduate program in policy analysis and Penn State Harrisburg's Division of Public Affairs, as well as continuing education workshops and courses.

In addition, the center offers several lecture series on public policy-related issues, including the monthly seminar series on "Perspectives in Economic Development," and publishes a quarterly newsletter, "Dimensions."

Mrs. Karlik encourages faculty and staff members to take advantage of the center's facilities. For more information, call her at (717) 783-0433 (Network 443-0433).

Nittany Lion Inn

The Nittany Lion Inn invites the public to celebrate the season at the "Inn" place on campus by planning to hold holiday office gatherings at the Nittany Lion Inn. The professional staff is available to assist with arrangements for groups from 10 to 300 guests. Call 231-7525 for reservations and information.

The Inn offers its award-winning Holiday Sunday Buffet Dec. 10 and 17 from 11 a.m. to 2:30 p.m., with traditional music and decorations. The customer appreciation Holiday Luncheon Buffet will be served in the dining room from 11:30 a.m. to 2 p.m. Monday, Tuesday, Wednesday and Thursday, Dec. 18 to 21.

Complimentary Wassail Punch will be available in the lobby from 11:30 a.m. to 2 p.m. and from 5 to 7 p.m. during this week. Call 231-7515 for reservations and information.

The Inn also is offering a special holiday "Great Rates" package during the Penn State holiday recess from Dec. 21 through Jan. 1. Single rates start at \$30 and double rates at \$35, depending on availability (plus 6 percent tax). A complimentary continental breakfast will be provided each morning for overnight guests. Call 231-7505 for room reservations and information.

Old Main Frescoes

When the work is completed, no one should even notice that the few stains, nicks and scratches in the Land-Grant Frescoes in Old Main have been repaired.

The job of an art conservator is to restore a work to its original condition.

Manuel Theodore, a conservator of paintings and icons from Baltimore, Md., will retouch the frescoes in Old Main in early December, according to Olga K. Presner, curator of the Palmer Museum of Art. Mr. Theodore does conservation work for the Palmer Museum, the Walter Gallery

in Baltimore and museums in Greece.

The work on the frescoes will involve cleaning stains left by masking, tape, repairing nicks and scratches from general wear and abrasion, and fixing and retouching some losses of paint caused by the detachment of small pieces of plaster and hairline cracks along boundary lines that formed when the fresh plaster was first applied, Mrs. Presner said.

This may be the frescoes' first "facelift," she noted.

Mr. Theodore plans to document his work through photographs and a written report. During the repair, which should

take one day, he will be assisted by the Office of Physical Plant, according to Kenneth Johnson, senior customer service representative who is coordinator for the project.

The frescoes are the work of Henry Varnum Poor (1888-1970). Begun in 1940 and completed in 1949, they were made possible by gifts from the Classes of 1932, 1944, 1945 and 1946 and other contributors. The murals, executed in true fresco, commemorate the signing by President Abraham Lincoln of the Morrill Land-Grant Act of 1862 and the founding of one of the first land-grant schools.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonspecialist have been listed with the University Employment Division for filling.

The brief statements for each vacancy are illustrative. They are not complete position descriptions.

This announcement is made so that all University employees who are interested in promotion MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304). Applicants for these staff vacancies will be accepted until Dec. 14, 1989. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment practices (FES-1) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law), sex or status as a disabled or Vietnam era veteran.

• **Applications Programmer/Analyst, Computer and Information Systems, Management Services, University Park Campus** - Responsible to the designated project leader for conducting analyses of data processing and customer concerns, determining detailed requirements to solve problems, formulating logical diagrams or systems requirements, and preparing computer programs to satisfy desired end results. Requires bachelor's degree, or equivalent, in basic computer system plus one to two years of effective experience in computer programming; and this is a FIXED TERM POSITION FUNDED THROUGH JUNE 30, 1990, WITH PROBABILITY OF RE-FUNDING. STAFF GRADE 6.

• **Construction Quality Representative - Mechanical, Physical Plant, Facilities Planning and Design, Hershey Medical Center** - Responsible to the project manager/contract administrator for the inspection of construction projects and day-to-day related coordination and monitoring of work being performed by prime

• **Accounting Assistant, Commonwealth Educational System, University Division of Media and Learning Resources, University Park Campus** - Responsible to the assistant general manager for assisting in various areas of budget preparation and administration, as well as in the preparation of special reports; budget reconciliation; budget reviews, etc., and for assisting in the administration of University financial and business policies and procedures within the University Division of Media and Learning Resources. Requires bachelor's degree, or equivalent, in a business field (preferably accounting) plus one to two years effective experience. STAFF GRADE 5.

• **Senior Research Aide, Agriculture, Horticulture, University Park Campus** - Conduct a wide range of biochemical assays and analyses including enzymatic assays, pigment and metabolite analyses, protein purification steps, etc. Maintain experiments in field, greenhouse and growth chamber studies. Conduct appropriate statistical analyses of data and prepare for presentation or publication. Oversee laboratory equipment maintenance and the ordering of supplies. Requires bachelor's degree or equivalent, in a biological science plus one to two years of effective biochemistry laboratory experience. STAFF GRADE 5.

• **Construction Quality Representative - Mechanical, Physical Plant, Facilities Planning and Design, Hershey Medical Center** - Responsible to the project manager/contract administrator for the inspection of construction projects and day-to-day related coordination and monitoring of work being performed by prime

contractors and their subcontractors at the Hershey Medical Center. Consult with project design professionals to coordinate the work, account for job progress and the dollar amount of work performed on a monthly basis. Requires associate degree, or equivalent, plus two to four years of effective hospital mechanical construction experience at a supervisory level. THIS IS A FIXED TERM POSITION FUNDED THROUGH JUNE 30, 1992. STAFF GRADE 6.

• **Construction Quality Representative - Electrical, Physical Plant, Facilities Planning and Design, Hershey Medical Center** - Responsible to the project manager, contract administration, for the inspection of construction projects and day-to-day related coordination and monitoring of work being performed by prime contractors and their subcontractors at the Hershey Medical Center. Consult with project design professionals to coordinate the work, account for job progress and the dollar amount of work performed on a monthly basis. Requires associate degree, or equivalent, plus two to four years of effective hospital electrical construction experience at a supervisory level. THIS IS A FIXED TERM POSITION FUNDED THROUGH JUNE 30, 1992. STAFF GRADE 6.

• **Project Director, Research and Development, Senior Vice President for Research and Dean of the Graduate School, Ben Franklin Technology Center, University Park Campus** - Responsible to the director for working closely with industries, businesses and universities to develop and manage research activities of the Ben Franklin Partnership Program. Requires bachelor's degree in a technical field or equivalent industrial experience plus four to

five years of effective experience in developing working relationships with industry and/or universities. Moderate amount of travel required. THIS IS A FIXED-TERM POSITION FUNDED THROUGH AUG. 30, 1990, WITH RENEWAL EXPECTED. STAFF GRADE 8.

• **Engineering Aide, Applied Research Laboratory, Keyport, Washington** - Responsible to the project engineer or senior engineering aide for the layout, design, fabrication and construction of standard electronic or mechanical components and equipment. Requires associate degree, or equivalent, plus two to four years of effective experience in the design and fabrication of experimental equipment. Position may require travel on field assignments including assignments aboard ships at sea. U.S. citizenship required. THIS POSITION IS LOCATED IN AND PERMANENTLY ASSIGNED TO KEYPORT, WASH. STAFF GRADE 5.

• **Staff Specialist, Commonwealth Educational System, Planning Studies, University Park Campus** - Duties include establishing and maintaining working relationships with administrators, faculty and staff at the Commonwealth Campuses and in Continuing Education and participating in development of survey instruments and procedures. Requires bachelor's degree, or equivalent, in the social sciences plus three to four years of effective experience in an applied research environment or a master's degree, or equivalent, plus one to two years of effective experience and excellent research and writing skills. STAFF GRADE 6.

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William E. Campbell Jr., Editor
Deborah A. Benedetti,
Assistant Editor
Kathy Garman, Calendar

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Department of Public Information
312 Old Main
The Pennsylvania State University
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MARTIN LUTHER KING OBSERVANCES

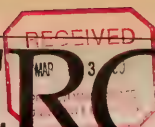
A roundup of campus observances of Martin Luther King Day appears on page 2.

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INTERCOM



January 11, 1990

Volume 19, Number 17

Information submitted for publication in *Intercom* is due by noon on the Thursday before publication.

University accepts Big Ten Conference invitation

Presidents of the Big Ten universities have agreed in principle to extend an invitation to Penn State to join the Big Ten athletic conference.

The Big Ten will initiate a process involving men's and women's faculty representatives and athletics administrators to resolve in cooperation with Penn State officials scheduling, financial and other issues related to Penn State's membership in the Big Ten Conference. The results of this process will be reported to the Big Ten's Council of 10 for final implementation.

Stanley O. Ikenberry, president of the University of Illinois and chair of the Big Ten's Board of Directors, announced the decision Dec. 19. The Big Ten presidents considered Penn State's membership at their semi-annual meeting Dec. 10-11 in Chicago. The proposed Big Ten expansion does not call for any present member institution to drop out of the Conference.

"We are delighted," Dr. Ikenberry said. "It will be a natural and positive expansion. From an academic standpoint, Penn State is comparable in quality and character to our member universities. Big Ten universities are recognized as among the best in the country and Penn State would add even further to our academic stature."

Dr. Ikenberry noted that Penn State, over the years, has conducted fine athletic programs.

"The Penn State tradition of integrity in athletics will enable our Conference to become an even stronger leader in the movement to reform intercollegiate athletics," he said. "Big Ten universities believe fundamental changes need to be made, and we welcome the strength Penn State will bring to this effort."

Dr. Ikenberry said Penn State's membership in the Association of American Universities also is significant. All Big Ten universities are members of the prestigious group, and its membership is limited to America's 56 leading research universities, plus two Canadian research universities.

The addition of Penn State would mark the first change in the Big Ten's membership since Michigan State joined in 1949.

"We're delighted with this new affiliation with what many academicians consider to be the finest public universities in America, as well as one of the leading private institutions, Northwestern," President Jordan said. "Penn State is ranked, as well, as one of the nation's leading public research universities, and it makes good



Participating in a press conference to announce Penn State's invitation to join the Big Ten Conference were, from left, James E. Delaney, Big Ten commissioner; Stanley O. Ikenberry, chair, Big Ten Board of Directors; President Jordan; Jim Tarmen, director of athletics; and Roger Williams, executive director, university relations.

sense to affiliate athletically as well as academically with institutions of similar academic mission and stature."

Penn State will honor its contractual

commitments to other institutions and associations of which it is a member. "Penn State is a strong academic

(Continued on page 3)

Martin Luther King Jr. activities, programs planned

The University Park Campus will celebrate the birthday of the Rev. Dr. Martin Luther King Jr. with six days of activities and programs starting Jan. 14.

On Sunday, Jan. 14, the Penn State Association of Black Journalsists will sponsor a free showing of the film "Eyes On The Prize" from 2-4 p.m. in Carnegie Building. A discussion will follow the film.

On Monday, Jan. 15, at 2:30 p.m. students and local community members will sponsor a commemorative march from Grace Lutheran Church, Garner and Beaver Ave., to Eisenhower Auditorium.

At 4 p.m., the University will conduct its Universitywide Dr. Martin Luther King Jr. Convocation featuring a video presentation and Eleanor Holmes Norton as keynote speaker. At 6 p.m. the Forum on Black Affairs at Penn State will hold its 12th annual Dr. Martin Luther King Jr. Memorial Banquet.

Tuesday, Jan. 16, will feature a brown bag lunch panel discussion, from noon to 1 p.m. in the HUB Gallery, titled "The Civil Rights Movement: How Far Have We Come." The event is sponsored by Penn State's Martin Luther King Planning

Committee

Also, sponsored by the University's Martin Luther King Planning Committee, from noon to 1 p.m. in the HUB Fishbowl and Kern Graduate Building lobby simultaneously will be Noon Hour Performance Celebrations daily through Friday. Tuesday's performances in Kern Graduate Building will feature vocal talents of Evelyn Ellis and Brad Townsend on piano performing "If You Believe." and Craig Wallace reciting Martin Luther King readings. The HUB performance will feature United Soul Ensemble and NOMMO Theatre Company.

At 7 p.m. Tuesday, the film titled "The Meeting: Dr. Martin Luther King Meets Malcolm X," will be shown free of charge in Schwab Auditorium. The event is sponsored by the Paul Robeson Cultural Center.

Wednesday will feature Noon Hour

Performance Celebrations with Andrianna Todd on Flute in Kern Graduate Building and United Soul Ensemble and NOMMO Theatre Company in the HUB. At 6:30 p.m. WPSU FM 91.1 radio show "Perspectives" will feature "King: The Forgotten Years 1963-68," with guest Dr. Thomas Poole, director of religious affairs. Thursday, Noon Hour Performance Celebrations will feature Myrna Munchur-Bullock performing African and modern dances in Kern Graduate Building and Craig Wallace performing Martin Luther King readings in the HUB.

At 7:30 p.m. Thursday, a panel discussion titled, "Anti-Bias Parenting and Teaching: Preparing Our Children to Live in a World Free of Bias," will be held in the HUB Fishbowl. Sponsored by the Centre County Association for the Education of Young Children, State College Area School

(Continued on page 3)

TOTAL FUNDS FOR RESEARCH AND DEVELOPMENT

RANK		AMOUNT
1	Johns Hopkins University	\$557,016,000
2	Stanford University	277,504,000
3	Cornell University	271,659,000
4	University of Wisconsin-Madison	271,418,000
5	Massachusetts Institute of Technology	270,584,000
6	University of Minnesota	252,027,000
7	University of Michigan	250,169,000
8	Texas A&M University	231,161,000
9	University of California, Los Angeles	209,338,000
10	University of California, San Diego	200,472,000
11	University of Illinois at Urbana-Champaign	197,393,000
12	University of California, San Francisco	193,289,000
13	The University of Washington	190,735,000
14	Harvard University	190,429,000
15	PENN STATE	188,444,000
16	University of California, Berkeley	186,372,000
17	The University of Texas at Austin	172,608,000
18	Yale University	162,188,000
19	Columbia University	160,976,000
20	University of Pennsylvania	159,218,000

Penn State ranked nationally in research and development

Penn State ranks 10th among public research universities and 15th among all universities, colleges and other non-profit organizations in total science and engineering research-and-development spending, according to recently released National Science Foundation figures.

In fiscal 1988, the University spent more than \$188.4 million for research and development in science and engineering. The previous year (fiscal 1987), Penn State had \$165.8 million in total research expenditures and ranked 17th nationally.

"These figures reflect the commitment to research by Penn State's outstanding faculty," Charles Hosler, senior vice president for research and dean of the Graduate School, said.

"The basic and applied research at Penn State will lead to new products, new industries, new jobs, improved lives and untold benefits for the citizens of the Commonwealth and the nation," Dr. Hosler added.

Johns Hopkins University was first in spending with more than \$557 million. Stanford University was second with more than \$277.5 million and Cornell University third with more than \$271.6 million spent. Other Pennsylvania institutions ranked in the study are: University of Pennsylvania, 20th with \$159.2 million; University of Pittsburgh, 43rd with \$98.6 million, and Carnegie Mellon University, 45th with \$94 million.

Focus on Diversity

WPSX will televise special King programs

In honor of Martin Luther King's birthday, *A Celebration of Martin Luther King* will be broadcast live on WPSX-TV, Channel 3, and the PENNARAMA Channel at 4 p.m. Monday, Jan. 15. The program, originating from Eisenhower Auditorium, will feature Eleanor Holmes Norton along with a look at Dr. King's life through words and music.

At 10 p.m. Monday, the first program in the second season of public television's eight-part series *Eyes on the Prize II: "The Time Has Come (1964-65)"* will be featured on WPSX-TV. The premiere program reveals a new ideology within the civil rights movement and the insistent call for power as it gains popularity among black Americans. Malcolm X also takes an eloquent nationalism to urban streets as a younger generation of black leaders listens.

Martin, airing at 10 p.m. Wednesday, Jan. 17, is an original, five-movement ballet composed by Gordon Parks as his personal tribute to Martin Luther King Jr. To evoke the spirit of this American leader, the multitalented Parks has created a ballet capturing the significant moments in King's life, from his march on Selma to his incarceration in Birmingham to his assassination. He also introduces the ballet in a documentary segment, which includes his own photographs from that tumultuous period.



John Jones portrays Martin Luther King in a ballet tribute by Gordon Parks.

College appoints women, minorities

Twelve of the 23 faculty newly appointed as tenured or tenure-track faculty in the College of the Liberal Arts are women, minority, or both, according to Hart M. Nelsen, dean of the college.

"These figures, together with last year's, when 60 percent of the new appointments were women, minority, or both, represent the strong commitment of the College of the Liberal Arts to building a more diverse environment for students," Dr. Nelsen said.

"These faculty are not only providing important role models in the classroom for Penn State students, but also bring new approaches to research that are having a significant impact within the traditional liberal arts disciplines."

The newly appointed minority faculty members include a senior appointment, Raymond F. Fleming, professor of comparative literature and Italian, who came to the University from Miami University where he had been a faculty member since 1980. While on the faculty at Miami University, he served as assistant and later associate dean for graduate studies and research and associate dean for admissions.

Dr. Fleming, who received his Ph.D. degree from Harvard University in 1976, is a widely published poet in English and Italian. His book, *Kauls, Leopardi, and Holderlin*, appeared in 1987.

He joined the University faculty after having been appointed a Visiting Scholar in 1988. This Summer Session program for minority scholars provides support for research or teaching during a summer residency at a Penn State campus.

A Ray McCoy, named assistant professor of labor studies and industrial relations, previously was coordinator of minority programs in the college. Dr. McCoy believes that Liberal Arts has been successful in attracting a more diverse faculty because the commitment to this goal has been made by individual departments where hiring decisions are made. "There has to be leadership and resources from the University's administration, but the commitment has to be carried out at the department level," he said.

"One of the reasons it is important to make sure we have significant numbers of minority and women faculty is because we are working to build an increasingly diverse student body," he added. "We have the challenge to be able to offer instruction on issues relevant to them."

"For example, I am offering, along with Dr. Michael Johnson in sociology, a new course, *Racism and Sexism*. There has been an overwhelming amount of interest in this course from students in Women Studies and Black Studies, but many other students have enrolled who are neither female nor minority."

"All students benefit from the addition of such courses, just as they benefit from the experience of living and learning with a wider spectrum of students. As we attract students with diverse interests we have a growing need for a diverse faculty to respond with a more varied curriculum."

Diversity Opportunities Calendar

Friday, Jan. 12

Penn State Delaware County, 11:30 a.m. Athletics Center/Commons Building. Randall Robinson, keynote speaker, will commemorate the birthday of Martin Luther King Jr.

Sunday, Jan. 14

Penn State Association of Black Journalists, 2 to 4 p.m. Carnegie Building. Film, "Eyes on the Prize," and discussion.

Monday, Jan. 15

Black Caucus and town/gown community, 2:30 p.m., Grace Lutheran Church, State College. Student/community march to Eisenhower Auditorium to commemorate the birthday of Rev. Dr. Martin Luther King Jr.

Office of the President, 4 p.m.

Eisenhower Auditorium. Universitywide 1990 observance of Rev. Dr. Martin Luther King Jr.'s birthday. Convocation, featuring a video presentation and Eleanor Holmes Norton, Georgetown University professor of law, as keynote speaker.

Forum on Black Affairs, 6 p.m., HUB Ballroom, 12th Annual Dr. Martin Luther King Jr. Memorial Budget.

Tuesday, Jan. 16

Penn State Martin Luther King Planning Committee: noon, HUB Gallery. Brown bag lunch-panel discussion on "The Civil Rights Movement: How Far Have We Come," moderated by Nyesha Taliaferro.

— noon, Kern Graduate Building, Martin Luther King Noon Hour Performance Celebrations featuring Evelyn Ellis, vocal, and Brad Townsend, piano, performing "If You Believe," and Craig Wallace, Martin Luther King readings.

— noon HUB Fishbowl, Martin Luther

King Noon Hour Performance Celebrations featuring United Solo Ensemble and NOMMO Theatre Company.

Paul Robeson Cultural Center, 7 p.m., Schwab Auditorium. Film, "The Meeting: Dr. Martin Luther King Meets Malcolm X."

Wednesday, Jan. 17

Penn State Martin Luther King Planning Committee: noon, Kern Graduate Building. Martin Luther King Noon Hour Performance Celebrations featuring Andrianna Todd, flute.

— noon, HUB Fishbowl, Martin Luther King Noon Hour Performance Celebrations featuring NOMMO Theatre Company.

WPSU, 9:11 PM, "Perspectives," 6:30 p.m., "King: The Forgotten Years 1963-68," Guest: Thomas Poole: radio/talk.

Thursday, Jan. 18

Penn State Martin Luther King Planning Committee: noon, Kern Graduate Building. Martin Luther King Noon Hour Performance Celebrations featuring Myrna Muncher-Bullock performing African and modern dances.

— noon, HUB Fishbowl, Martin Luther King Noon Hour Performance Celebrations featuring Craig Wallace. Martin Luther King readings.

Centre County Association for the Education of Young Children, 7:30 p.m., HUB Fishbowl. Panel discussion on "Anti-Bias Parenting and Teaching: Preparing our Children to Live in a World Free of Bias," moderated by W. Terrell Jones.

Friday, Jan. 19

Penn State Martin Luther King Planning Committee: noon, Kern Graduate Building. Martin Luther King Noon Hour Performance Celebrations featuring musical

group Boriken with Puerto Rican Folklore Dancers.

— noon, HUB Fishbowl, Martin Luther King Noon Hour Performance Celebrations featuring Avaris Terry, French horn; Andrianna Todd, flute, and Lynn Koval, piano, "Spirituals."

Exhibit

Black Studies Room, Pattee Library, "Civil Rights Leaders: Where are They Now?" through Jan. 31.

Freeland honored

Raquel Freeland, coordinator of minority student services in the College of Education, was honored during Puerto Rican Awareness Week, Nov. 13-17, for her dedication to the minority students of Penn State.

Horst von Dorpowski, assistant to the dean of education, on behalf of acting dean Robert F. Nicely, presented Ms. Freeland an inscribed copy of the Penn State viewpoint, *For The Glory*.

"It is with great pleasure that I represent the college in commending Raquel for her efforts to make Penn State a better place for all students," Dr. von Dorpowski said. "We in the college are most appreciative of, and thank her for, her extraordinary dedication and energy."

Puerto Rican Awareness Week, sponsored by the Penn State Puerto Rican Student Association, involved five days of activities, including seminars, music, food, dancing, and movies, all designed to heighten the University community's awareness of the Puerto Rican culture.

Penn State attracted 2,139 international students from 114 countries during the fall 1989 semester. The Office of International Programs reports.

"Our international students have been and continue to be an important part of Penn State," W. LaMarr Kopp, deputy vice president for international programs, said. "We are proud that scholars of diverse backgrounds from around the globe come to study and share their experiences with us."

Penn State's international student enrollment has rapidly grown from 1,715

in 1986 to top the 2,100 mark in both 1988 and 1989. Dr. Kopp added.

The majority of international students who attended Penn State in the fall were located at University Park. Across all Penn State locations, 72 percent were male and 28 percent female.

Eighty-one percent were full-time graduate students. They made up 40 percent of all full-time graduate students at all University locations.

Taiwan was the homeland of 397 students — more than any other country represented. Other top five countries were

the People's Republic of China (304), India (277), Korea (196), Japan (100), Germany (60) and United Kingdom (60).

The largest group was enrolled in the College of Engineering (600), followed by the College of Science (311), the College of Earth and Mineral Sciences (222), the College of the Liberal Arts (203) and the College of Business Administration (152).

Not included in these figures are international students considered permanent residents of the United States and the nearly 600 visiting scholars who come to Penn State each year.

2,139 international students from 114 countries enrolled

King programs

(Continued from page 1)

District and Penn State, the program will be moderated by Dr. W. Terrell Jones, associate director of campus life. Panel members will include Rabbi Jeffrey Eisenstat, Brit Shalom of State College and Interfaith Coalition Affirming Diversity faith communities chair; Molly Jackson, early education graduate assistant and Cedar Daycare teacher; Richard Kiser, a recent Penn State master's degree recipient in special education who studied stereotypes of Native American and individuals with physical differences; Sharlene Marbury, Penn State Bookstore trade book specialist; and Leigh O'Brien, early childhood education doctoral candidate.

Friday, Noon Hour Performance Celebrations will feature musical group Boriken with the Puerto Rican Folklore Dancers in Kern Graduate Building and Avaris Terry on French horn, Andrianna

Todd on flute and Lynn Koval on piano for "Spirituals."

Bookshelf

Robert R. Edwards, professor of English, is the author of *The Dream of Chaucer, Representation and Reflection in the Early Narratives*, published by Duke University Press.

The Dream of Chaucer analyzes the early narrative poems in which Chaucer both polished his technical skill as a writer and addressed the latest aesthetic questions that his poetry posed.

Dr. Edwards shows how Chaucer developed a poetic art concerned equally with narrative representation and self-conscious poetic speculation.

He says that Chaucer, in the sequence of his early poetry, turns from the highly formalized conception of poetic art promulgated by late medieval French writers toward a substantive understanding of poetry as a ground of moral speculation and a means of authentic knowledge.

Penn State's football program, classified as independent, is associated with the College Football Association. A number of its other varsity sports, including men's and women's basketball, are currently affiliated with the Atlantic-10 Conference.

The Nittany Lions are defending NCAA women's lacrosse champion. The men's fencing and volleyball teams placed second and third respectively in last year's NCAA championships. Penn State is the defending Atlantic-10 Conference champion in men's cross country, men's soccer and men's golf, as well as women's volleyball, women's gymnastics and women's tennis. The Lions have captured a total of 40 Atlantic-10 championships during the term of its conference affiliation, which dates from 1979 in men's sports and 1982 in women's sports.

"An affiliation with the Big Ten Conference would create many exciting and challenging possibilities for Penn State athletics," Jim Tarmar, director of athletics, said. "It is a group of institutions whose athletic and academic missions are similar

Nominations for president are invited

The University invites applications and nominations for the position of President. The corporate authority for the management and governance of the University is vested by charter in the Board of Trustees. The President serves as the chief executive and educational officer of the University and is responsible to the Board of Trustees.

Penn State is Pennsylvania's land-grant University dedicated to providing comprehensive programs in instruction, research, and public service. The University has a full-time faculty of approximately 4,000 and a student enrollment of approximately 70,000, of whom 38,000 are enrolled at the University Park Campus. An additional 32,000 students are enrolled at the University's 22 other campus locations including The Milton S. Hershhey Medical Center. The current annual operating budget is \$1.2 billion dollars.

Candidates for this position should have a broad understanding of academic

institutions; executive experience and proven leadership capacity; understanding and support for the University's multiple missions; evidence of experience in fiscal management; and the ability to attract human and financial resources to the University. This position will be available on Sept. 1, 1990.

The Search and Screen Committee will review applications and nominations beginning immediately, and will continue to receive them until a candidate is selected. Nominations and applications, preferably accompanied by a resume or equivalent information, should be mailed to: Thomas L. Merritt, Chairman, University Presidential Search and Screen Committee, 205C Old Main, Box DC, University Park.

The University is an affirmative action, equal opportunity employer. Women and minorities are encouraged to apply.

Big Ten

(Continued from page 1)

institution with world-renowned capabilities," Big Ten Commissioner James E. Delany said. "It also is committed to a broad-based athletics program, and it sponsors a large number of varsity sports for both men and women students."

Penn State enrolls 37,600 students at its University Park Campus. Total enrollment for all 22 campuses in the Penn State system is approximately 70,000 students.

The University sponsors a total of 28 men's and women's varsity sports. Men's sports are basketball, baseball, fencing, indoor track and field, outdoor track and field, cross country, golf, tennis, swimming and diving, gymnastics, lacrosse, soccer, wrestling, football and volleyball. Women's sports are basketball, softball, fencing, indoor track and field, outdoor track and field, cross country, golf, tennis, swimming and diving, gymnastics, lacrosse, field hockey and volleyball.

and whose sports programs parallel ours in both size and scope.

"We have certainly enjoyed our association with the Atlantic-10 Conference and the other various leagues in which Penn State is a participant," Mr. Tarmar added. "Our independent status in football, and the rivalries we've had in the East and across the country, have been satisfying and rewarding. As we plot the future direction of Penn State athletics, however, joining the Big Ten Conference represents the kind of bold, positive step that would bring new energy and commitment to our total program."

Penn State becomes the 11th member of the Big Ten, which was founded Feb. 8, 1896, with seven members, including the University of Chicago.

The other six original members (with current student enrollments at their main campuses in parentheses) are the University of Illinois (35,032), the University of Michigan (35,845), the University of Minnesota (45,000), Northwestern University (15,700), Purdue University

(35,817) and the University of Wisconsin (43,641).

Indiana University (33,220) and the University of Iowa (30,000) joined three years later, followed by Ohio State University (53,879) in 1912. The University of Chicago withdrew from the Conference in 1946. Michigan State (42,695) joined the Big Ten in 1949.

The Big Ten was incorporated as the Big Ten Conference Inc. in September 1987.

Since its founding, the Big Ten has been known by several names, including the Intercollegiate Conference of Faculty Representatives, the Western Conference and the Big Nine. The name and logo of the Big Ten is a registered trademark.

Obituary

Ivy A. Hart, food production worker, Altoona Campus, from Sept. 14, 1970, until her retirement May 2, 1982, died Dec. 2 at the age of 70.

News in Brief

Give blood

The Centre Communities Chapter of the American Red Cross is conducting three bloodmobiles at University Park in January. Start the new year right by becoming a regular blood donor.

The January campus bloodmobile schedule is: Jan. 11, 101 Kern, 10 a.m. to 4 p.m.; Jan. 16, Robeson Center, noon to 5 p.m.; Jan. 24 and 25, HUB, 10 a.m. to 4 p.m.

Giving blood takes about an hour, and this includes the mini-physical and refreshments afterwards. There is a serious shortage of type O blood this month, but all types are needed.

Fitness classes

The Recreational Sports Office is offering a number of fitness classes for faculty and staff during Spring Semester 1990. Among those being offered are water exercise classes. Aquatone classes involve muscle toning exercises using the water for resistance. Aqua-aerobics concentrates on improving cardiovascular fitness and flexibility through aerobic movements without the impact of land aerobics.

In addition to the class fee, a semester pool pass must be purchased. The pass costs \$30 and entitles you to swim at the White Building and Natatorium pools throughout the semester.

The 60+ Shape-Up class will hold an informational meeting at 5:30 p.m. Monday, Jan. 15 in Room 106 White Building. Advance registration is not required.

For information on other classes being offered, schedules and registration, call Patti Kenney at 865-5401.

IBM Displaywrite word processing

All clerical staff members will be receiving a questionnaire from the University users' group for IBM Displaywrite 4 word processing software. The purpose of the questionnaire is to identify additional Displaywrite users' needs and to help plan for activities in 1990.

A users' group was formed three years ago to provide support for new and experienced users to learn and share their knowledge about this word processing software for administrative computing users, according to Management Services, which recommends the software.

Management Services staff encourages clerical staff to participate in the survey and to take advantage of the users' group to become more familiar with the software's capabilities.

Education Abroad Programs

Academic units intending to propose a credit-bearing education abroad summer program are invited to submit a pre-proposal to the Office of Education Abroad Programs by March 1 of the year prior to the desired running of the program.

Pre-proposal guidelines are available from the Office of Education Abroad Programs at 222 Boucke Building, 865-7681.

Pre-proposals are reviewed by the

OEAP academic officer before going to the Education Abroad Advisory Committee for review and possible revision or clarification. After final endorsement by the EAAC and approval by the deputy vice president for international programs, the new program is administered by the Keller Conference Center.

In providing guidelines for faculty, the OEAP hopes to make more summer education abroad opportunities available to a wider range of University students.

Women's Alliance meeting

Nancy Tischler, director of Summer Sessions, will discuss "Images of Women in Recent American Literature" at a meeting of the Women's Alliance from 4:30 to 6 p.m. Thursday, Jan. 18, in the Community Room of Schlow Library, State College.

Dr. Tischler, an expert on Tennessee Williams and the southern literary tradition, is author of numerous articles, book chapters, and eight books, the most recent of which is *A Voice of Her Own*.

The Women's Alliance provides opportunities for community and campus-affiliated women to meet on a regular basis for discussion, networking and advocacy activities that expand knowledge, improve skills, and enhance careers. Membership is open to female faculty, staff and students from Penn State as well as non-University women throughout the Centre Region.

For more information contact Deborah Klevan, 865-7679.

Academic computing meeting

For the purposes of strategic planning for academic computing, an open meeting will be held at 2 p.m. Monday, Jan. 19, in Room 141, Computer Building at University Park, with members of the Faculty Advisory Committee on Academic Computing and the staff of the Center for Academic Computing with interested faculty and staff.

Purpose of the meeting is to solicit recommendations as to the future of academic computing at Penn State.

Charter reactivated

The Statistics Department in the College of Science has announced that the American Statistical Association's (ASA) State College chapter is reactivating its charter. One of the chapter's aims is to bring together University and community people who work with statistics but may not know of others with similar interests.

The chapter's first meeting will be held at 2 p.m. Friday, Jan. 26, in 101 Kern Graduate Building. After a short business meeting, there will be a panel discussion titled "Beware! Longitudinal Studies."

Membership in ASA is not necessary in order to join the local chapter. To be included on the chapter's mailing list, contact Janice Derr, chapter secretary, at 201 Pond Laboratory, 865-3541.

New Pennsylvania atlas offers plenty of information

Do you need, or want to locate all the shopping malls in Pennsylvania, discover where all the breweries are, pinpoint the factory outlet stores or find a last minute holiday gift for a business associate?

All this and more can be found in *The Atlas of Pennsylvania*, newly published by the Temple University Press and compiled by five editors from Temple, Penn State and the University of Pittsburgh with the help of a great number of experts from around the state.

"We hope readers will browse through this atlas, consult it like a telephone directory and even read it for pleasure," Wilbur Zelinsky, professor emeritus of geography, said.

The natural environment, resources, peoples, economy and history are completely covered by maps, tables, illustrations and text that explain complex relationships in a county by county breakdown. New residents can learn more about Pennsylvania by briefly riffling the pages of this book than by weeks of studying in other documents.

Information on senior citizens share-ride systems, public transportation and hospitals, among other things, can help readers decide where in the state they would like to retire.

Political preference by county, the location of major shopping centers, presence of little league clubs and religious distributions could have an important influence on where people decide to settle in the Keystone state.

Businesses will find the atlas a valuable tool either in deciding to locate in Pennsylvania or in expanding their areas of influence. Included in the work are details of the road systems, trucking, water, rails, buses and air travel. The locations of post offices, satellite transmission facilities, fiber optic networks, cable television systems and units of major hotel chains can also be valuable assets for businesses.

"This is perhaps the first time a banking



"The Atlas of Pennsylvania" was introduced at a press conference in Harrisburg by, from left, Gov. Robert Casey, Wesley W. Posvar, president, University of Pittsburgh; Peter J. Llacouras, president, Temple University; and President Jordan.

system has been mapped," said Dr. Zelinsky, referring to the information presented on savings and loan institutions and commercial banks.

Special sections on Philadelphia and Pittsburgh can help city residents explore their near environs and find the places and events they previously missed. Choosing a vacation destination outside the city is made easier by information on hiking, amusement parks, skiing and water

recreation. A listing of festivals and events by season and type is a helpful addition to any vacation planner's resources.

The atlas can be just plain fun, Dr. Zelinsky noted. It may not be necessary to know where all the breweries in the Commonwealth are, but who can resist comparing their locations to some of Pennsylvania's 2,300 minor civil divisions where either beer or hard liquor are restricted.

The University's Bioprocessing Resource Center and the Pennsylvania Department of Commerce have announced the creation of the Pennsylvania Biotechnology Association, a new group linking Pennsylvania organizations active in biotechnology.

"PBA, established by the Penn State Bioprocessing Resource Center, will be instrumental in placing Pennsylvania at the forefront of the developing biotechnology industry," Jean E. Brencley, director of Penn State's Biotechnology Institute, said. The BRC is one of nine Industrial Resource Centers supported by the Commonwealth through the Pennsylvania Department of Commerce.

"The development of this new association is one of the many ways in which our Industrial Resource Centers are responding to the needs of Pennsylvania manufacturers," Raymond R. Christman, Pennsylvania Secretary of Commerce, said.

"PBA will encourage cooperation among the biotechnology companies to solve shared problems, improve legislative understanding of biotechnology issues and help educate the public about the industry."

PBA's goal is to help Pennsylvania companies succeed in the competitive, rapidly changing field of biotechnology. The association will provide members with a network of biotechnology resources across the state.

After a quick glance at the populations density map, no one could miss seeing that the state is very empty above the Route 80 line, and after a look at the satellite photo map of the Appalachians, it's easy to comprehend the rippled topography of the range.

Modern and comprehensive as *The Atlas of Pennsylvania* is, the reader also will remember the graphics and the maps. Extensive use of cartography explains and simplifies data. Maps are small and repetitive for demographic information. They fill a full spread for more detail or are cut up into sections for reference at the back of the book.

Recognizing the importance to economic development, the Commonwealth of Pennsylvania, the three research universities, private industry and foundations contributed more than \$636,200 to help publish the atlas. Nearly two thirds of the funds were contributed by industry, foundations and the universities.

The atlas' five editors were Dr. Zelinsky, and Ronald F. Abler, professor of geography, Penn State; Edward K. Muller, associate professor of history, University of Pittsburgh; and David J. Cuff and William J. Young, associate professors of geography and human studies, Temple University.

"Publication of *The Atlas of Pennsylvania* is an exceptional event, not only because it is the first atlas of Pennsylvania worth mentioning, but because it may be the best state atlas anywhere in terms of comprehensiveness, quality and design," Dr. Zelinsky said.

The Atlas of Pennsylvania will undoubtedly find its way into every library and school in the Commonwealth, but it will also find a place in many homes and businesses. Besides covering all the usual state topics assigned by grade school teachers, the atlas contains information for residents, businesses and potential residents.

Biotechnology association established

Administrative Fellows applicants are being sought

The Office of the President is requesting applications and nominations for the Administrative Fellows Program for 1990-1991. Two fellows are sought: one to serve under the mentorship of William Richardson, executive vice president and provost of the University and the other under Steve Garban, senior vice president for finance and operations.

The Administrative Fellows Program provides career development opportunities for women and minority faculty and staff to gain skills and experience at the senior level of administration.

By serving under the mentorship of a senior level administrator, Fellows who are seeking to develop the background necessary to compete at the higher levels of administration will have an opportunity to broaden their perspective and experience in higher education administration. The experience is designed to allow Fellows to become more effective in their positions within the University and to provide a base for them to consider more advanced positions at a later time in their career.

Objectives of the program include:

- To identify women and minorities who have shown potential for effective leadership.

- To increase the Administrative Fellows' awareness of the complexity of issues facing higher education and to enhance their understanding of the environment in which decisions are made.

- To provide opportunities for Administrative Fellows to participate in a wide range of decision-making processes, learning activities, and program management so that they will be better equipped to handle the challenges of higher education administration upon completion of the fellowship.

- Although the successful completion of the program does not guarantee appointment to an administrative position at the University, persons who complete the program will increase the pool of qualified women and minorities interested in University administration.

The selection criteria for Fellows are: Must hold a full-time faculty or staff

appointment; should have demonstrated success in their current position and demonstrated interest in an administrative career; should show evidence of leadership experience and decision-making ability; should be able to relate effectively with students, faculty, and staff, and have an understanding and appreciation of cultural, ethnic and individual differences; should be willing to accept a wide variety of assignments.

Women and minorities meeting these qualifications at all University locations are strongly urged to apply. The successful candidate will be placed on leave of absence from her or his current position and continue to receive a regular salary. The starting dates of each fellowship may vary depending on the office and the Fellow's commitments.

The successful Administrative Fellow will develop a learning plan, in consultation with either Executive Vice President Richardson or Senior Vice President Garban, which will outline activities for the year. The principal guiding concept of the

learning plan is that theory and practice will blend in contacts between the Fellow and personnel at all levels of administration at the University and will provide a basis for engaging in problem solving and decision-making activities.

The Fellows program is competitive and a screening and interview committee will recommend candidates to Dr. Richardson and Mr. Garban. Serving on the committee will be a representative from the Commission for Women, representatives from the offices where the Fellows will be placed, one of the past Fellows, and a representative of the Office of Human Resources.

Applications for the Administrative Fellows Program are available from Robert Kidder, of the Office of Human Resources. Applications should be returned to Office of Human Resources, Box 6, Rider Building, as soon as possible but no later than March 1.

Persons interested in more information may call Mr. Kidder at 863-4600.

University ranks first in Fulbright scholarships

The University ranks first in the nation in the number of Fulbright scholarships; its faculty members have received for 1989-90.

"I am very pleased to see this dramatic showing by our faculty," W. LaMar Kopp, deputy vice president for international programs, said. "Our first-place ranking reflects Penn State's commitment to promoting interactions with partner institutions and colleagues in other countries."

"Fulbright scholarships offer faculty and staff the opportunity to internationalize their experience and to help students broaden their understanding of other cultures."

Fulbright scholars are selected on the basis of academic and professional qualifications, as well as their ability and willingness to share ideas and experiences with people of diverse cultures.

Of Penn State's 17 Fulbright scholars, 10 are at the University Park Campus and one is at the Worthington Scranton Campus. The University of California at Berkeley ranked second with 13 Fulbright scholars.

The University of Wisconsin at Madison ranked third with 12. Boston University, the University of Illinois-Urbana-Champaign and the University of Minnesota ranked fourth with 11 each. The University of New Mexico and the University of Texas

at Austin have nine Fulbright scholars.

The University of California at Davis, the University of Indiana, the University of Oregon, the University of Washington and the Virginia Polytechnic and State University all have eight fellows.

Cornell University, George Washington University and the University of Alabama each have seven, and the University of Michigan has six.

The Council for International Exchange of Scholars reported that nearly 1,000 scholars, academics and professionals have received awards under the Fulbright Scholar Program to travel, lecture, consult and conduct research abroad. The council, an

affiliate of the American Council of Learned Societies, cooperates with the U.S. Information Agency in administering the Fulbright program.

Established in 1946 under congressional legislation introduced by former U.S. Sen. J. William Fulbright of Arkansas, the program is designed "to increase mutual understanding between the people of the United States and the people of other countries."

Elizabeth Smith, academic officer for Penn State's Education Abroad Programs, is the University Fulbright adviser.

Pollock Library open 24 hours a day on trial basis

University Park students can now study all day, all night, all semester. On Jan. 8, Pollock Library was opened to students 24 hours a day on a trial basis for the Spring Semester.

"The Undergraduate Student Government initiated the request and worked very effectively with our staff and University administration to make the library opening a reality," Nancy Cline, dean of University Libraries, said.

"USG President Janyne Althaus and other student leaders approached us with a well-reasoned proposal, met with safety and security staff and worked with budgeting officers to secure special funding from the Office of the President. Their initiative and cooperation have been a model of successful student action."

"Study space and library time are very tight for

students who work and carry a heavy academic load," Ms. Althaus said. "The Undergraduate Student Government and other student groups on campus have been working toward the 24-hour library opening for some time, and we are very pleased to have this available now."

"Safety was one of our biggest concerns. We needed one central place where students could feel safe studying instead of being isolated in empty classrooms across campus."

Pollock Library, with more than 30,000 volumes, was chosen because it is a full-service library and is located near residence halls easily accessible by bus and car. With improvements to internal and external lighting and other safety measures, it has been made more secure and can be patrolled easily by campus police. The

library also is easily accessible to the handicapped.

Cordelia Swinton, acting chief of access services for the Libraries, said the circulation desk will be staffed, and students will have access to periodicals, newspapers, a photocopier and pay typewriters. A campus phone will be available to call the student escort service, and parking is available in front of the library and behind Eisenhower Auditorium. Users will be asked for Penn State identification.

Only the first floor will be open, although library staff will access other parts of the collection as time permits. Of special interest to students during finals is a faculty supported file of sample exams.

"We also offer 'Dial Access,' a telecommunications service of faculty lectures and class discussions," she said.

Bookshelf

The U.S. Health System: Origins and Functions, third edition, co-authored by **Marshall W. Raffel**, professor of health policy and administration, with Norma K. Raffel, has been cited by the Resource Center of the American Hospital Association as one in a group of 34 books most appropriate "to help individuals and librarians select and build collections that meet the information needs of health care administrative personnel."

The core list of 34 books, recommended for first selection, was part of a larger list of 147 "major authoritative works in health care administration" cited by the Association's Resource Center.

Among the 147 authoritative works cited was another book edited by Dr. Raffel, *Comparative Health Systems*, an internationally praised volume containing descriptive analyses of 14 national health systems, published by the Penn State Press and now in its third printing.

The list of recommended books, and

singing out the 34 most appropriate for first purchase, was prompted, the Resource Center said, by "the proliferation of publications directed at health care administrators, planners, researchers, educators, and students."

Thomas E. Daubert and Ronald P. Danner, professors of chemical engineering, are the authors of *Physical and Thermodynamic Properties of Pure Chemicals. Data Compilation*, a comprehensive collection of the most accurate, pure component data for 1,000 chemicals important in industry. The book is a compilation of recommended data and correlation methods and will be used in all facets of the chemical industry, including research, design and production. It presents the best values available for pure component property data, collected and evaluated with advanced computer methods over a 10-year period, according to Dr. Danner.

Produced in loose-leaf form, the book will be updated regularly to keep up with new discoveries in the field. It currently contains more than 900 compounds and

will expand in several steps to include 1,500 compounds.

The work also is available in computer format for both microcomputers and mainframe through the National Institute for Science and Technology and the worldwide Chemical Abstracts system.

United Way contributions set new record

Voluntary contributions to United Way by University Park administrators, faculty, and staff reached an all time high of \$188,033.90. This represents \$23,533.90 more than the goal of \$164,500 and an increase of 15 percent over 1988's total.

The success of the University Park campaign this year can be attributed to several factors, says William C. Richardson, executive vice president and provost of the University, and chairman of the 1989 University Park campaign.

"The commitment of administrators, associate and assistant chairpersons, and hundreds of volunteers who explained the role of United Way agencies to their co-

The compilation project is sponsored by the Design Institute for Physical Property Data of the American Institute of Chemical Engineers which is supported by a coalition of major U.S. chemical companies. The book is published by the Hemisphere Publishing Corp., New York.

workers, and a new payroll deduction and returned directly to the Payroll Office for confidential and efficient reporting were keys to our success. A decentralized educational program on campus also contributed to the significant increase in dollars raised."

Dr. Richardson pointed out that these changes came about as a result of an in-depth study of United Way conducted last spring by United Way of America for Centre County and the University. The results of this study and the successes of this year's campaign will be shared with other colleges and universities through programs of United Way of America.

Enrollment soars

Continuing education enrollment at the University soared to an all-time high in fiscal 1988-89, as Penn State remains the leading adult education provider in Pennsylvania, according to the National University Continuing Education Association.

Overall, the number of adults who continue their education by enrolling in part-time credit or non-credit courses at Penn State increased 14,260 between July 1, 1988, and June 30, 1989, for a total of 171,068.

The increase, which represents a 9 percent rise over fiscal 1987-88, is the highest annual jump since the growth trend in continuing education started in 1985.

Established in 1886, Penn State's continuing education and independent studies programs are among the oldest in the nation. Since its inception at Penn State, continuing education has been noted for maintaining among the highest consistent enrollment in the nation, according to NUCEA.

Ewing receives Dreyfus Teacher-Scholar award

Andrew G. Ewing, associate professor of chemistry, is one of 14 young faculty members across the United States honored with Camille and Henry Dreyfus Teacher-Scholar awards for outstanding ability as a chemical educator and researcher.

The award, designed to acknowledge the accomplishments and continuing promise of young faculty members in chemistry, chemical engineering and biochemistry at early stages of their professional careers, brings with it a \$50,000 grant to support the winner's professional activities.

Dr. Ewing is the fourth Penn State faculty member to be honored in the program. Gregory Geoffroy, dean of the College of Science and professor of chemistry, won the award in 1977. Barbara Garrison, head of the Department of Chemistry, received the honor in 1984. Kenneth S. Feldman, associate professor of chemistry, was honored last year.

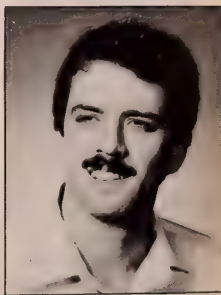
Dr. Ewing plans to use the grant for supplies and summer stipends for undergraduate students working and

learning in his research group. The grant will enable him to expand the projects in which the students participate and provide summer stipends for some students for the first time.

He also will use the grant to begin a new research project to study the chemical events that occur inside a nerve cell after neurotransmitters, substances that transmit impulses from nerve to nerve, interact with the cell.

Earlier this year, Dr. Ewing was honored with an Alfred P. Sloan Foundation Research Fellowship. He also was honored, in 1987, with a National Science Foundation Presidential Young Investigator Award.

Dr. Ewing earned a B.S. degree in chemistry from Saint Lawrence University in Canton, N.Y. He earned his doctorate in 1983 from Indiana University in Bloomington, Ind., and joined the Penn State faculty as an assistant professor in 1984.



Andrew G. Ewing

Focus on the arts

Palmer Museum director

Kahren Jones Arbitman, former curator of The Frick Art Museum in Pittsburgh and a graduate of Penn State, has been named director of the Palmer Museum of Art at University Park.

Charles Garoian, who has served as acting director of the museum since last spring, has been named to the newly created position of assistant director of the museum. They will assume their respective positions Jan. 22.

"I am delighted at being able to announce the appointment of both a new director and assistant director simultaneously," James Moeser, dean of the College of Arts and Architecture and executive director of University Arts Services, said. "Kahren Arbitman will bring to the Palmer Museum an outstanding record of museum professionalism and distinguished scholarship."

"The promotion of Charles Garoian allows us to retain in a position of increased responsibility, one of our brightest and most creative forces," Dr. Garoian has been the museum's education director, planning programming to complement museum exhibitions, since 1986.

As curator of the Frick from 1985 to 1989, Dr. Arbitman was responsible for organizing exhibitions, installing traveling exhibitions and publicizing and promoting both the exhibitions and the museum. She also curated exhibitions for the University of Pittsburgh and the Museum of Art of the Carnegie Institute.

As an art historian, Dr. Arbitman has been on the faculties of the University of West Virginia, the University of Pittsburgh, Chatham College and Carnegie Mellon University.

She earned her bachelor's degree in art history from Penn State and her master's and doctoral degrees in art history from the University of Pittsburgh. She is a widely published scholar in this country and in Europe.

Dr. Garoian earned his bachelor's and master's degrees in art from California State University, Fresno, and his doctorate in education from Stanford University. Prior to joining the museum's staff, he was the department chair and curriculum coordinator in art for the Mountain View/Los Altos Union High School District in California.

His paintings and sculpture have been included in more than 40 exhibitions, including eight one-man shows. He also has presented his performance art at museums and universities throughout the country.

Pattee exhibit

State College artist **Philip Sauerlender** is exhibiting his screen prints of the local area in the East Corridor Gallery of Pattee Library until Jan. 26. The works depict familiar locations such as College Avenue, Old Main and Fraternity Row.

He is interested in how buildings fit together, how the community changes over time and what objects people deem important. He hopes that his prints will give the viewers a new perspective on the environment that surrounds them daily, but which they may have never really taken the time to appreciate.

Mr. Sauerlender is a graduate of Penn State and George Washington University and has exhibited in the Central Pennsylvania Division of the Arts and other regional shows.

Alumni exhibition

A Penn State Graphic Design Alumni Exhibition is on display through Sunday, Feb. 4, in the Zollner Gallery at University Park.

The exhibition features work by alumni who graduated from the graphic design program in the School of Visual Arts from 1970-88. Exhibition works will include TV



Kahren Jones Arbitman

commercials, videos, posters, brochures, album covers and works in a variety of other media.

The exhibition was organized by Lanny Sommers, professor of graphic design in Penn State's School of Visual Arts since 1970. His former students, still active in graphic design throughout the country, were invited to participate in the exhibition.

The exhibition is free and open to the public. The Zollner Gallery is open 9 a.m. to 5 p.m. Monday through Friday; 11 a.m. to 4:30 p.m. Saturday, and noon to 4 p.m. Sunday.

The arts on Channel 3

Channel 3 will treat viewers to an evening of jazz, whisking them away to new dimensions — *Contr Dimensions* — at 10 p.m. Thursday, Jan. 11.

A production of **WPXS**, *Contr Dimensions* offers a look into the history of jazz, mixing the music of legendary greats such as Count Basie and Billie Holiday with contemporary pieces. *Contr Dimensions* is the award-winning jazz ensemble directed by Dan Yoder, associate professor of music, and features 17 Penn State students, including vocalist Jill Cicchiola.

The first program of the New Year for *Live From Lincoln Center* will be "A New York Philharmonic Five-Star Evening" at 8 p.m. Wednesday, Jan. 17. New York Philharmonic Music Director Zubin Mehta will conduct the orchestra in a program featuring four of its principal players in the spotlight as concerto soloists.

Traditional dance series

The Country Dance Society of Central Pennsylvania, sponsored by the Penn State Folklore Society, has announced its traditional dance series for Spring, 1990. The society hosts contra and square dances on the second Saturday of the month at the Radio Park Elementary School, 800 Circleville Road, State College.

Dancing to the live music of Dr. Twamley's Audio Snakes also features guest callers from across Pennsylvania and the Mid-Atlantic states. Callers scheduled for the spring series include: Jan. 13, Marlin Whitaker, of Pittsburgh, calling contras; Feb. 10, Delores Heagy, of Pittsburgh, calling squares; March 10, John Crum, of Philadelphia, calling contras, and April 14, local favorite Dick Cole calling contras and squares.

There is dancing from 8:30 to 11 p.m. with free instruction for beginners at 8 p.m. Beginners are welcome and no partner is needed. Refreshments are provided. Admission is \$4.

Print exchange exhibit

An Exchange Exhibition of students' work from the Printmaking Department at the University of New Mexico will open Monday, Jan. 15 and run through Feb. 16, in the Chambers Gallery located on the second floor of the Chambers Building at

University Park.

The exhibition was coordinated by Robin Gibson, assistant professor of printmaking, and Lydia Madrid, assistant professor of printmaking at the University of New Mexico. Penn State printmaking students will participate in the exchange by exhibiting their work in February 1990 at the University of New Mexico.

Prints in the exhibition were created by graduate and undergraduate students and range from realistic dream images to experimental techniques.

The exhibition is free and open to the public.

'Portraits Plus'

An exhibition of paintings by State College artist **Helen Hungerford** titled "Portraits Plus" is on display at the Kern Galleries at University Park through Jan. 30.

Helen Hungerford was a professional actress and dancer on Broadway. After graduation from Barnard College in 1929, she arrived in State College with her husband and daughter in 1961. She has taught and performed at Penn State for many years. She hopes her paintings will express the rhythms of dance and the dynamics of theater.

A reception for the artist will be held from 2 to 4 p.m. Sunday, Jan. 14, at the Kern Galleries located in the lobby of the Kern Building. The reception is open to the public.

WPSX reaches goal

Public television station **WPSX-TV** reached its \$175,000 goal on the final night of fund-raising, just three hours shy of the scheduled end of Festival.

A total of over \$177,000 dollars was pledged during the 16-day event by nearly 2,800 individuals and businesses from the 29-county coverage area of the station.

"The generosity shown by our viewers continues to make WPSX a valued resource for the area," John Grant, WPSX manager, said. "We thank all of those who called in, or sent in a contribution. Their donations will continue to be used to purchase or produce programming for the station viewers."

WPSX, which spends over \$435,000 per year to purchase programs aired on the station, holds just two fund raising Festival's each year. While many other public TV stations hold three or more annually, WPSX has been able to hold the line at two efforts, due greatly to the good response the station receives during its appeals.

Viewers wishing to make a contribution can send their check to WPSX-TV, Wagner Annex, University Park, Pa., 16802. The basic membership cost is \$35.

Avant-garde film

"Dreams That Money Can Buy," the first feature-length avant-garde film produced in the United States, will be shown at noon

Thursday, Jan. 18, in the Palmer Museum of Art at University Park.

"Dreams That Money Can Buy" was produced by Hans Richter in 1947 in collaboration with other avant-garde artists. The film follows the character Joe, a "poor poet with a rich imagination," who is selling seven dreams, each of which has been influenced by the contributing artists Max Ernst, Man Ray, Marcel Duchamp, Fernand Leger, Alexander Calder and Richter.

Mr. Richter, one of the founders of the Dada movement which emerged at the beginning of the 20th century, produced several experimental films. "Dreams That Money Can Buy" is an 80-minute color film, described in 1947 as "the most startling film of the year."

The film complements the museum's exhibition, "The Avant-Garde and the Text," which opened Sunday, Jan. 7, and will remain on display through Sunday, March 11. The exhibit includes works by Ernst, Duchamp and Man Ray. On display in the museum's third floor stairwell gallery, is a mobile by Calder, which is part of the museum's permanent collection.

The other works in the exhibition are from the private collection of Dr. and Mrs. Hans J. Kleinschmidt and represent the avant-garde movements of futurism, expressionism, Dada, surrealism and constructivism.

The avant-garde artists were critical of the media's use of print to influence the public and the limited expression of the print medium. Through posters, pamphlets and periodicals, they sought creative applications of print to expand the communicative capacity of the text. They also examined letters, words and statements for their ability to communicate visual abstractions as well as verbal meanings.

The exhibition examines both the possibilities and limitations of text in a culture. The works provide the viewer with a historical sense of text, its importance in creating a literature world and its use by the media and the public to convey societal issues.

"The Avant-Garde and the Text" was curated by Estera Milman and Stephen C. Foster of the University of Iowa's Fine Arts Dada Archive and by Roy F. Allen of Iowa's Wartburg College, in cooperation with the Visual Studies Workshop, Rochester.

Mr. Foster will give a lecture on the exhibition at 8 p.m. Wednesday, Jan. 31, at the museum.

Palmer Museum lecture

Richard Mayhew, artist-in-residence in the School of Visual Arts, will open the Spring Semester series "Careers in the Visual Arts" with a lecture at 10 a.m. Thursday, Jan. 18, at the Palmer Museum of Art at University Park. He will discuss how to prepare a portfolio, as well as the importance of grant writing and developing a professional network.

A University faculty member for 12 years, Professor Mayhew is a nationally known landscape artist.

The series is free and open to the public.

Bach's Lunch

The Penn State Saxophone Quartet will perform in concert at 12:10 p.m. Thursday, Jan. 18, in Eisenhower Chapel at University Park. The 20-minute concert is part of the spring Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The program will include a Baroque transcription, selections from the Glazunov Quartet, a jazz piece by Phil Woods and three improvisations.

The Saxophone Quartet includes Dan Yoder, a member of the School of Music faculty who directs the jazz program, and Douglas Bernstein, Lee Ann Burns and Brian Watson, students in the School of Music.



Richard Mayhew

University Park Calendar

January 11— January 21 Special Events

Friday, January 12

Trustees meet at University Park, through Jan. 13.

Greg. Coffee Hour, 4 p.m., 319 Walker. Pierce Lewis on "Landscape Tastes."

Center for the Performing Arts, 8 p.m., Eisenhower Aud. West Side Story.

Sunday, January 14

School of Music, student recital, 8 p.m. Recital Hall. Susan Troler-McKinstry, euphonium.

Monday, January 15

Comp. Lit. Luncheon, 12:15 p.m., 101 Kern. Amy Galahy, Lycoming Coll., on "Mario, Vondel and Vos on Rubens' *Hero and Leander*."

Martin Luther King Day lecture, 4 p.m., Eisenhower Aud. (Live telecast on WPSX-TV and PENNARAMA). Eleanor Holmes Norton, Georgetown Univ. Law Center.

Dropped with \$5 fee begins.

Wednesday, January 17

Late registration deadline.

Course drop/add deadline.

Thursday, January 18

Lecture, 10 a.m., Palmer Museum of Art: Richard Mayhew, artist-in-residence, on "Careers in the Visual Arts."

Brown Bag Luncheon, noon-1:20 p.m., Palmer Museum of Art. "Dreams That Money Can Buy," Hans Richter, director.

Bach's Lunch, 12:10 p.m., Eisenhower Chapel. Penn State Saxophone Quartet.

Friday, January 19

Center for the Performing Arts, 8 p.m., Eisenhower Aud. New York City Opera National Company. *La Bohème*.

Sunday, January 21

School of Music, recital, 8 p.m., Recital Hall. Mark L. Lusk, trombone.



Jan Senbergs, Australian painter and printmaker, will lecture on Australian contemporary art at 8 p.m. Jan. 24 in Palmer Museum of Art.

International Events

Education Abroad Programs

Application deadline has been extended to Jan. 31 for 1990-91 programs in Cairo, Nairobi, Nice, Taipei, Tel Aviv.

Public Radio

WPSX-FM 91.1

"All Things Considered," Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m. "Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubinstein. "Perspectives," 6:30 p.m. Wednesdays, with Jeff Ballou. "Creative License," 12:30 p.m. Thursdays, with Asa Berlin and Pam Saulnier.

Conferences

Continuing Education

Keller Building

Jan. 16-18, Pa. Bar Institutes: Jerri Mibom, coordinator.

Jan. 17, Dental Seminar, Eric Loop, coordinator.

Jan. 18, Allegheny Educational Broadcast Council. Marlene Temeles, chair; Eric Loop, coordinator.

Seminars

Thursday, January 11

Mechanical Engineering, 4 p.m., 103 Mechanical Engineering Bldg. Robert Waag, Univ. of Rochester, on "Ultrasonic Scattering Characteristics of Tissue."

Tuesday, January 16

Gerontology Center Colloquia, noon-1 p.m., 101 Health and Human Development Bldg. East

Christine L. Himes on "The Effects of Demographic Changes on the Health Care Needs of the Elderly."

Wednesday, January 17

Accounting and MIS Research Colloquia, 3-5 p.m., 333 Beam. Mary Culnan, Georgetown Univ., on "Processing Unstructured Organizational Transactions: Mail Handling in the U.S. Senate."

Exhibits

Chambers Gallery

Prints and books by art students at Univ. of New Mexico through Feb. 10.

Kern Galleries

Helen Hungerford, "Portraits Plus," through Jan. 30. The French Revolution Machine, through Feb. 28.

Palmer Museum of Art

JAMES DRAKE, *The Border/La Frontera*, through Jan. 21. The Loti and Victor Smorgon Collection of Contemporary Australian Art, through Feb. 11. The Avant-Garde and the Test, through March 11.

Pattet Library

East Corridor Gallery: Philip Sauerlander, Screen Prints of State College, through Jan. 26.

Zoller Gallery

Graphic Design Alumni Exhibition, through Feb. 4.

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather-234; Arts Line-345; University Calendar-456.

Focus on the arts

'La Bohème'

University Park will be opening night for "La Bohème" when the New York City Opera National Company begins its 10-week tour in January to 50 cities around the country.

Giacomo Puccini's classic will be performed at 8 p.m., Jan. 19 in Eisenhower Auditorium. The event is presented by the Penn State Center for the Performing Arts. The opera will be sung in the original Italian but will feature English supertitles projected above the stage. It is the third year in a row that the New York City National Company has performed at Penn State. Last year they performed Verdi's *La Traviata*. "In 1987 they performed Rossini's comic 'Barber of Seville.'"

"La Bohème" is a tale of four impoverished artists in Paris during the early 19th century. The poet, Rodolfo, and the seamstress, Mimì, are the picture of devotion. They stand in direct contrast to the fickle Musetta and her beau, the painter Marcello, with their rocky romance.

The event is supported jointly by grants from the Pennsylvania Council on the Arts and the National Endowment for the Arts. Tickets are available from the Eisenhower Auditorium Ticket Center, Monday through Friday from 9 a.m. to 4 p.m. and from the Playhouse Box Office, Tuesday through Friday from 11:30 a.m. to 5:30 p.m.

Low brass recital

Mark L. Lusk, faculty member in the School of Music, will present a low brass recital at 8 p.m. Sunday, Jan. 21, in the Recital Hall of the Music Building at University Park.

The program will include William Goldstein's "Colloquy" for tenor trombone.

Robert Spillman's "Concerto" for bass trombone and Gustav Mahler's "Songs of a Wayfarer," performed on the euphonium. The recital also will feature "Scampata III," a work for bass trombone and percussion.

Recognition recital

Seven undergraduate students in the School of Music will perform in a jury recognition recital at 8 p.m. Monday, Jan. 22, in the Recital Hall of the Music Building at University Park.

The students were selected by the music faculty for their outstanding performances in the Fall Semester juries held in December. They were selected from the areas of keyboard, voice, woodwinds and brass.

Australian artist

Jan Senbergs, an Australian painter and printmaker, will give a lecture on "Textbook or a Sense of Place: Diversity in Australian Contemporary Art" at 8 p.m. Wednesday, Jan. 24, at the Palmer Museum of Art at University Park.

His talk complements the Museum's current exhibition, "The Loti and Victor Smorgon Collection of Contemporary Australian Art," on display through Feb. 24.

Mr. Senbergs will discuss the works of key Australian artists and the influence that social and political climates in the country and overseas have had on artistic movements.

Primarily a self-taught artist who received some training at the Melbourne School of Printing and Graphic Art, Mr. Senbergs has participated in several one-person and group exhibitions throughout his career. He currently is the visiting professor and chair of the Australian Studies Department at

Harvard University.

The lecture is free and open to the public.

Hansberry Award

An annual national award recognizing the best student-written play on the Black/African American experience will be sponsored by the University at the 22nd American College Theater Festival, which will be held at the John F. Kennedy Center for the Performing Arts in Washington, D.C., in April.

The Lorraine Hansberry Playwriting Award, established by the ACTF in 1975, will be sponsored as a cooperative project of the Department of Theatre Arts, College of Arts and Architecture, in association with WPSX-TV and the Equal Opportunity Planning Committee of Penn State.

The award is named for the first Black playwright and the youngest playwright to win the New York Drama Critics Award for her play, "A Raisin in the Sun," which opened on Broadway in 1959. Ms. Hansberry died at the age of 34 in 1965.

"The Hansberry Award recognizes the best new plays about the Black/African American experience," Carole Brandt, chair of the Department of Theatre Arts and former national chair of the ACTF, said. "Funding for the award ended last year, and there was national concern that resources be found to continue it. Both the theater department and WPSX were interested in identifying and producing minority projects, and so our interests, along with those of the University, led us to the decision to sponsor this award."

The Department of Theatre Arts and WPSX-TV are now seeking permanent funding to expand the University's support of the award. In addition to supporting the

award itself, the project would bring a professional company and director to University Park Campus to produce a play each year. The play then would be taped by WPSX for national distribution to public television stations.

Institute fellowships

The Institute for the Arts and Humanistic Studies has announced the most recent recipients of Faculty Research Fellowships. They are:

- **Dean Baldwin**, associate professor of English at Penn State Erie, The Behrend College, to complete a study of the economics of short story writing and publishing in England from 1918 to 1939.

- **Santa C. Barraza**, assistant professor of art, to develop a body of artwork, using a culturally based image, Lady of Guadalupe, in forms of Mexican folk art.

- **Alegria Bendale**, professor of French at the Schuylkill Campus, to compile a Judeo-Spanish dictionary of the Jaquetia dialect.

- **Christine Clark-Evans**, assistant professor of French, to complete a study of writing on speech by French philosopher Denis Diderot (1713-1784).

- **Gilbert J. Gall**, assistant professor of labor studies and industrial relations, to prepare a biography of American labor leader Lee Pressman.

- **Robert E. Leonard**, associate professor of theater arts, to complete a study of the histories, philosophies, impact and future of artistic leaders in America's non-profit professional theaters.

- **Stephen Porter**, associate professor of art, to build two sculptures using welded silver bronze.

- **Monique Yaari**, associate professor of French, to research French post-modernism and its interdisciplinary impact.

Appointments

Jeffrey W. Garis has been appointed associate director of counseling and programming in Career Development and Placement Services at University Park.

He will be responsible for the direction and management of all career counseling and programming services at University Park and for the development, coordination, and evaluation of Career Development and Placement Services for the Commonwealth Campuses in the Eastern Region.

Prior to assuming the associate directorship, Dr. Garis was assistant director for counseling at CDPS. He was responsible for the integration of DISCOVER (a computerized career development system) into the career counseling services at University Park Campus and throughout the Commonwealth Educational System. He also oversaw the implementation of the "intake counseling" system at University Park which has more than doubled the efficiency of Career Counseling Services.

Dr. Garis is an affiliate assistant professor, Division of Counseling and Educational Psychology, and a licensed psychologist and member of the American Psychological Association, the American Association for Counseling and Development, and the National Career Development Association. He maintains an active involvement in career development research.

Charles W. Hill, professor of biological chemistry, has been named acting chairman of the Department of Biological Chemistry at the College of Medicine at the Hershey Medical Center.

He has served as acting chairman on two previous occasions, during the 1983-84 and 1987-88 academic years. He most recently served as vice-chairman of the department. George D. Rose, professor of biological chemistry, is stepping down from the post to devote more time to his research and teaching responsibilities.

Dr. Hill earned his bachelor of science degree in chemistry at the University of Virginia in 1962. He received his Ph.D. in biochemistry from the University of Wisconsin in 1966. Before coming to the Medical Center in 1968, he served as a



Jeffrey W. Garis

postdoctoral fellow in the Department of Biochemistry at Stanford University School of Medicine in Palo Alto, Calif.

His research focuses on the structure, development, and interaction within multigene families. He has authored or co-authored more than 30 publications in scientific journals such as *Genes*, *Journal of Bacteriology*, and *Journal of Molecular Biology*.

Dr. Hill teaches both medical students and Ph.D. candidates in the areas of introductory and advanced molecular and microbial genetics, nucleic acid chemistry, and general biochemistry. He also is a faculty member of the graduate program in genetics and the program in cell and molecular biology.

Deborah Hitchcock has been named director of continuing education at the Penn State Ogoniz Campus.

Ms. Hitchcock, who joined the campus' administrative staff in 1983, served as both assistant director and acting director of the department.

A graduate of Indiana University, Bloomington, she currently is chair-elect of the National University Continuing Education Association-Region II.

Jeri R. Johnson has been appointed as an employment specialist in the Office of



Deborah Hitchcock

Human Resources. A graduate of Lock Haven University, Ms. Johnson received a master of education degree from Millersville University.

She has been a substitute teacher in the Bellefonte Area Schools and from 1983 to 1985 was an instructor/manager with the Private Industry Council of Centre County. Since 1985 she has been project facilitator/director, Central Intermediate Unit 10 Development Center for Adults, Pleasant Gap.

Stanley P. Mayers Jr., professor of health policy and administration, has been named associate dean for undergraduate studies in the College of Health and Human Development. He had served as acting associate dean since last spring.

Dr. Mayers oversees all undergraduate programs for the college at University Park and the Commonwealth Campuses, including nine baccalaureate majors and four associate degree majors. He also is responsible for the college's Office of Minority Programs and Undergraduate Advising Center.

He was head of the Department of Health Policy and Administration from 1979 to 1988. Under his leadership, the undergraduate program in his department



Stanley P. Mayers Jr.

was fully recognized by the Association of University Programs in Health Administration and the graduate program was accredited by the Accrediting Commission on Education for Health Services Administration.

Dr. Mayers, who received an A.B. and an M.D. from the University of Pennsylvania and a master's of public health degree from Johns Hopkins University, joined the University faculty in 1971 as professor of health planning and administration. He was appointed professor-in-charge of the undergraduate program in his department three years later and served in that capacity until 1979, when he was appointed head of the department.

Before coming to Penn State, he had been director of the Department of Human Resources in Arlington, Va., and was on the faculties at Johns Hopkins University School of Hygiene and Public Health and Georgetown University School of Medicine.

He is a diplomate of the American Board of Preventive Medicine and a Fellow of the American College of Preventive Medicine and the American Public Health Association. He was president of the Centre County Medical Society in 1978 and currently is a delegate to the Pennsylvania Medical Society from Centre County.

Penn Staters

Barbara Gray, associate professor of organizational behavior, presented a paper titled "Managing Interest Group Representation in Public Policy: European and U.S. Strategies" to the Public Policy Section of the North American Conference on Peacekeeping and Dispute Resolution in Montreal, Canada.

Herschel W. Leibowitz, Evan Pugh professor of psychology, has been appointed a member of the Committee on Human Factors, National Research Council. The committee was established to identify critical issues in the design, testing, evaluation and use of new human-centered technologies and to advise sponsors on relevant kinds of scientific and technical research.

Kenneth M. Lusht, chairman of the Department of Insurance and Real Estate, was a visiting fellow at the Royal Melbourne Institute of Technology in Melbourne, Australia, and was a distinguished scholar at Curtin University in Perth.

Kofi O. Nti, associate professor of management science, presented the paper "Coordination, Entry and Industry Competitiveness" at the 1989 joint meeting of the Institute of Management Science/Operations Research Society of

America/Canadian Operations Research Society in Vancouver, British Columbia.

Jerry C. Olson, professor and chairman of marketing, presented an invited lecture titled "Towards A Theory of Narrative Advertising" at three European institutions of higher education: the Vienna School of Business in Austria, the School of Business at the Catholic University of Leuven in Belgium, and the Aarhus Graduate School of Business in Denmark.

J. Keith Ord, David H. McKinley professor of business administration, presented papers at 10 universities in the United Kingdom and at the Welsh Statistical Conference in Gwynedd, Wales, and the International Symposium on Forecasting in Vancouver, British Columbia.

Donna S. Quenney, director of the Division of Planning Studies, has been appointed vice chair of the editorial board of *Continuing Higher Education Review*, journal of the National University Continuing Educational Association.

Kant Rao, associate professor of business administration, presented a paper titled

"Highway Capital Program Management Practices in the U.S.: Elements of Dynamics and Innovation" at the Fifth World Conference on Transportation Research in Yokohama, Japan.

Wayne D. Smutz, head of the Office of Continuing Professional Education, Division of Planning Studies, has been elected chair of the National University Continuing Education Association's Division of Continuing Education for the Professions.

Jim Weeks, research project associate in the Office of Continuing Professional Education, Division of Planning Studies, has been elected to the executive committee of the National University Continuing Education Association's Division of Humanities, Arts, and Sciences.

Edward Allen Brawley and **Emilia E. Martinez-Brawley** conducted research on the social services in Spain and presented papers at the Escola Universitaria de Treball Social, Barcelona, Consejo Superior de Investigaciones Cientificas, Madrid; Centro de Estudios de las Cinco Villas, Zaragoza, and the Institut Catala de Assistentia i Serveis Socials, Girona.

Parris H. Chang, professor of political

science and director of the East Asian Studies Center, delivered a lecture on China-Taiwan relations and on Chinese policy and leadership changes at the Institute for Far East in Moscow.

Irwin Feller, professor of economics and director, Institute for Policy and Research and Evaluation, **Roger Geiger**, associate professor of education, and **Mary Frank Fox**, professor of sociology, presented papers at a seminar on research and higher education at the University of York, England.

Philip A. Klein, professor of economics, presented a paper (co-written with Geoffrey H. Moore) titled "Analyzing Leading and Coincident Indicators for Pacific Basin Countries" at the 129th Centre for International Research on Economic Tendency Surveys conference in Osaka, Japan.

Prakash B. Malla, research associate, Materials Research Laboratory, presented a paper on the "Effect of Crystal Chemistry on Pore Structure and Hydrophilicity of Alumina-pillared Smectites: Water Sorption Study" at the 9th International Clay Conference held in Strasbourg, France. The paper was co-authored by **Sndhar Komarneni**, professor of clay mineralogy at MRL.

Partings



Ruth F. Funk

Ruth F. Funk, regional director for Penn State Cooperative Extension's Northeast Region, has retired after 31 years service.

A graduate of Indiana University of Pennsylvania with a bachelor of science degree in vocational home economics, Mrs. Funk received a master of education degree in secondary education from Penn State. She taught in Johnsbury High School prior to joining extension in 1958. She was appointed assistant director of the Northeast Region in 1972 and director in 1987.

Mrs. Funk worked closely with the Pennsylvania Association of Extension Home Economists and Penn State administrators in establishing the Pennsylvania Extension Paraprofessional Association. In 1976 she was instrumental in helping to organize the Pennsylvania Council of Cooperative Extension Associations.

She is listed in *Who's Who Among American Women* and has received Distinguished Service Awards from the National Association of Extension Home Economists and Epsilon Sigma Phi, an extension honorary society.

She is a member of the Pennsylvania Association of Adult Continuing Educators, Women's Alliance, American and Pennsylvania Home Economic Associations, Epsilon Sigma Phi and Delta Kappa Gamma.

William Gotsolski, director of the College of Engineering Advising Center and professor of civil engineering, has retired after 37 years of service.

The Engineering Advising Center, created in 1984, was proposed by Dr. Gotsolski who became the first director. The Center was established to offer engineering students all the simpler, according to Dr. Gotsolski. The Center counsels every freshman and sophomore student on scheduling, curricular requirements and choice of a major.

"All students, however bright, need help in finding their way," he said. "In the Advising Center we try to find out what their interests are and help them get started in the right direction."

Dr. Gotsolski has been a member of the College of Engineering since 1952. In addition to this teaching and counseling activities, he served as assistant dean of undergraduate studies from 1974-81. He has been active in the larger Penn State community, serving in various capacities on the University Faculty Senate for 15 years.

Trained as a civil engineer, he is an expert in asphalt surfaces and has numerous publications in the area of civil engineering. He is active as a consultant and plans to continue consulting after retirement.

Dr. Gotsolski received B.S. and M.S. degrees in civil engineering from Columbia University and a Ph.D. in engineering materials from Penn State. He is a Fellow of the American Society of Civil Engineers



William Gotsolski

and is a past president of the Central Pennsylvania Section of the American Society of Civil Engineers.

An avid model railroad builder and collector, he plans to build a new model train system. He and his wife, Jean, physical education teacher in State College Elementary Schools, also plan to travel.

Lorraine Tillberg Kapitanioff, assistant professor of Slavic languages, has retired after 41 years of service.

Joining Penn State as a forestry librarian in 1948, she has taught Russian language, translation, culture and theater in the Slavic Languages Department since 1961. She was appointed assistant professor in 1973.

Professor Kapitanioff has traveled frequently to the Soviet Union and has lectured during educational tours for groups such as the Friends of the Palmer Museum of Art and the Penn State Alumni Association.

A technical translator since 1954, she developed the Penn State curriculum in technical Russian and prepared a course in Russian grammar for scientists for the American Chemical Society. The second edition of her book *Russian Culture and Civilization* will be published in spring by Kendall-Hunt in Dubuque, Iowa.

Professor Kapitanioff has produced TV shows on Russian folk dance and on Chekhov's "The Marriage Proposal." She is a consultant to the State College Alternative High School and adviser to the Penn State chapter of Dobro Slovo, the national Slavic honor society. She was national vice president of Dobro Slovo for five years.

Along with Thomas F. Magner, professor emeritus of Slavic languages, she established the self-supporting Penn State Slavic Festival in 1978 and currently is festival executive director.

In 1979, Professor Kapitanioff received a Distinguished Teaching Award from Penn State. She is a member of Phi Delta Kappa, the honorary education fraternity. A former president of the Centre-Clinton Counties Easter Seal Society, she received that organization's Brace-for-an-Ace Award in 1972.

A native of St. Paul, Minn., she received her bachelor's degree from Carleton College, which recently honored her as a distinguished alumna. She also holds a master's degree in secondary education from Springfield, Mass.

Her future plans include traveling, teaching Russian culture and theater, and completing her Ph.D. in comparative literature at Penn State.

Thomas D. Marro, assistant professor of education, has retired after 23 years of service.

Dr. Marro came to the University from the Polk County Board of Education in Des Moines, Iowa, where he served as director of pupil personnel services for 26 school districts.

He holds a B.A. in speech and hearing therapy from Denver University, an M.A.



Lorraine Tillberg Kapitanioff

in speech therapy and psychology, also from Denver University, and a D.Ed in mental retardation and school administration from Colorado and State College.

During his years at Penn State, Dr. Marro has made many contributions, including a million dollars worth of grants and contracts, the attraction of a national conference on the mentally retarded (The Congress of Ideas and Action), organization of the group, Pennsylvania Administrators of Special Education, and the national study of special education administration. Additionally, he served 12 years as a hearing officer for the Pennsylvania Department of Education and further developed the Cresson State School Program on a contract between the University and the Department of Public Welfare.

He has visited special education programs in Europe and has made several presentations at State and National Council of Exceptional Children meetings. Within the community, he has worked with Skills Inc., and the Centre County Association for Retarded Citizens, for which he served as president in 1972.

Dr. Marro and his family reside in State College.

Christine Pootjes, associate professor of microbiology and Department of Biology coordinator for Continuing Education has retired after 26 years service.

A specialist in bacterial viruses, Dr. Pootjes established a research program for both undergraduate and graduate students to study the Agrobacterium tumefaciens viruses.

Appointed coordinator for the biological sciences in the Continuing Education program in 1980, she advised Commonwealth Campus anatomy and physiology instructors in Penn State's Diploma and Extended Degree Nursing Programs.

A recipient of the Excellence in Advising award in 1987, she was a member of the University Faculty Senate from 1978 to 1981.

After earning her bachelor of science degree in zoology and bacteriology at Douglass College, New Brunswick, N.J., she was employed by Wallace and Tiernan Industrial Research Laboratory and the Chemotherapy Department of Schering Corporation. She earned her master's degree at Purdue University, West Lafayette, IN, in 1955 and joined Fels Research Institute.

A research associate at Waksman Institute, Rutgers University, she earned her doctorate from Rutgers in 1963. She joined the Penn State faculty as an assistant professor that same year and was promoted to associate professor of microbiology in 1969.

Geraldine A. Shildt, group leader and snack bar worker with Housing and Food Services, has retired after 25 years service. She began her career at the University as



Thomas D. Marro

a counter attendant at the HUB snack bar in 1964. She later worked as a cook at Waring Hall in 1968, and then with Housing and Food Services in 1972.

Mrs. Shildt and her husband, a part-time Penn State employee with Housing and Food Services and a retiree from the Tyrone Postal Department, currently reside in Tyrone and have three children, all Penn State graduates. They also have 11 grandchildren.

She plans to spend more time with her husband and her grandchildren.

H. Richard Hess, associate director, Student Services, from Aug. 1, 1968, until Sept. 1, 1971, until Jan. 1.

Arthur A. Costantino, director, Center for Student Involvement and Leadership, Student Services, from Sept. 1, 1971, until Dec. 9.

J. Carroll Dean, manager, energy conservation program, Physical Plant, from March 1, 1971, until Jan. 1.

Robert Hamill, manager of human resources and business services at Penn State Harrisburg, from June 12, 1972, until Jan. 1.

Catherine Meyers, residence hall worker, Housing and Food Services, from Sept. 20, 1972, until Jan. 1.

Edwin Windell, chief inspector, Physical Plant, from Dec. 10, 1973, until Jan. 1.

Thelma Fetterolf, janitorial worker, Physical Plant, from Aug. 30, 1976, until Jan. 3.

P.H. Licastro, senior research associate, Research and Graduate School, from Jan. 1, 1975, until Nov. 1.

Mary Lois Hamill, secretary at Hershey, from July 1, 1948, until June 8, 1951, and from Dec. 1, 1975, until Jan. 3.

Elizabeth M. Cooke, bookstore manager at Delaware Campus, from July 1, 1975, until Oct. 1.

Mary P. Daily, center registrar at Great Valley, from Sept. 3, 1974, until Jan. 1.

Blaine R. Parkin, professor/chief scientist, Engineering, from Aug. 21, 1972, until Jan. 1.

Douglas Reader, utility worker at Hershey, from Oct. 22, 1979, until Jan. 1.

George W. Bance, store room worker, Housing and Food Services, from Aug. 30, 1973, until Jan. 6.

Gloria Bellevue, patient service aide at Hershey Medical Center, from Aug. 23, 1977, until Nov. 28.

Betty D. Reese, residence hall worker, Housing and Food Services, from Sept. 20, 1972, until Jan. 3.

Ann Finocchio, accounting clerk, Controller's Office, from July 1, 1970, until Jan. 3.

Obituary

Mary Beth Reese, assistant director for Continuing Education at the York Campus, died Dec. 12 at the age of 35. She joined the campus staff Aug. 15, 1980.



Soviet agronomists visit

Four Soviet scientists from the Siberian branch of the U.I. Lenin All-Union Academy of Agricultural Sciences visited University Park Campus Jan. 4. From left are Tamara Vaserstein, assistant professor of Russian, who served as a translator; Victor Bentz, Victor Guglya, Margarita Shternshis and Gennady Gamzikov of Soviet Union; and Charles R. Krueger, associate dean for research, College of Agriculture.

Obituaries

Ann C. Bates, Graduate School editor since March 1987, died Nov. 25 at the age of 50. Ms. Bates came to the Graduate School staff from Penn State Press, where she served as acquisitions editor for two years. In the Graduate School, she was responsible for the Thesis Office and for editing several publications including the *Graduate Degree Programs Bulletin* and the *Thesis Information Bulletin*.

Before coming to Penn State, she was general editor and dissertations editor at Northern Illinois University for 16 years, editor in the College Department of Alfred A. Knopf Inc., Publishers, and free-lance editor and indexer.

Ms. Bates received her B.A. in English from Birmingham-Southern College, and held two master's degrees: an M.A. in English from the University of North Carolina and an M.A. in history from Northern Illinois University. She was a member of Phi Beta Kappa.

Thomas Van Ness Ballantine, chief of pediatric surgery at the Hershey Medical

Center, died Jan. 1 in a one-car accident on Rt. 322 near Hershey. Dr. Ballantine, 47, was returning home after visiting patients at the Medical Center.

Dr. Ballantine joined the Medical Center in 1979 as an associate professor of surgery and pediatrics and was promoted to professor of surgery and pediatrics in 1985. Last fall, he was selected to fill the newly established endowed Doctors Kierle Chair for Humane Medicine in the College of Medicine. He also was an affiliate professor of human nutrition in the College of Health and Human Development.

Dr. Ballantine was a graduate of Princeton University and Harvard Medical School. Prior to joining the Medical Center, he was assistant professor of surgery in pediatric surgery at Indiana University Medical Center.

Dr. Ballantine was a member of numerous professional organization and editorial boards, including the British Association of Pediatric Surgeons. He was president of the American College of Surgeons' Pennsylvania Chapter, a member of the American Pediatric Surgical Association and the Society of University Surgeons.

Faculty/Staff Alerts

Office move

The Office of the Associate Vice President for Research and Technology Transfer has moved from 101 George Building to 114 Kern Graduate Building; telephone number 865-6331. The staff includes K. Jack Yost, associate vice president, and Jan Praskovich, administrative aide.

Occupational privilege tax

In order for the University to comply with the Occupational Privilege Tax regulations imposed by the various taxing districts, the \$10 tax will be deducted from full-time and part-time employees as soon as an employee's gross earnings exceed \$1,000 in 1990.

If, during the year, a person is hired who has already paid the tax, a copy of the payment receipt must be forwarded to the Payroll Office in order to avoid having the tax deducted again.

The Occupational Privilege Tax is not in force at all University locations.

Payroll changes

Your social security deductions will be higher in 1990, as mandated by federal law.

The social security base increased from \$48,000 to \$50,400 effective Jan. 1. The rate also was increased from 7.51% to 7.65%.

The maximum annual deduction will be \$3,855.60, an increase of \$250.80 over 1989, and as you know the University must match employee deductions.

Withholding reminder

The Payroll Office wishes to remind those employees who filed a Withholding Exemption Certificate - University Form W-4E - for 1989 that this certificate will expire Feb. 15 for taxpayers on a calendar

year basis. The exemption on Form W-4E must be renewed annually.

If you qualify and wish to continue your exemption, or if you are applying for the first time, you must file a new Form W-4E for 1990. You may claim exemption from withholding if you had no income tax liability for 1989 and if you anticipate no income tax liability for 1990. Forms are available from the Payroll Office, 307 Rider Building.

In general, the elimination of the withholding applies only to those working part-time. The principal advantage is that it will eliminate the need to file an income tax return at the end of the year to obtain a refund of money withheld.

DOS courses

Penn State Continuing Education and the Human Resource Development Center will offer University employees two courses to introduce users to PC DOS software. DOS,

or disk operating system, is the heart of the IBM PC, and a basic knowledge is necessary for efficient, intelligent use of the computer.

DOS I, to be offered Monday, Jan. 15, and again April 4, is designed for new IBM PC users and experienced users who are not familiar with the disk operating system.

DOS II, to be offered Monday, Jan. 29, and on April 11, is for experienced and intermediate users who have the advanced skills required to uncover the full power of the system.

The courses will be offered at the Keller Conference Center from 9 a.m. to 4 p.m. on the days listed. A registration fee of \$85 covers instruction, materials and break refreshments.

For a registration form, contact the Human Resource Development Center, Box 20 Rider Building, University Park, or call (814) 865-3410.

Promotions

Staff Exempt

Barbara A. Almonney to programmer/analyst A in Management and Systems Engineering.
Pamela L. Bechtel to general accountant at Hershey.
Mantha S. Church to office information specialist in Science.
Glenn A. Pankuch to research support associate at Hershey.
Elizabeth L. Trimble to assistant to the dean for administration in Science.
Ronald K. Workinger to program representative at York Campus.

Staff Non-Exempt

Cynthia A. Davis to surgical head nurse at Hershey.
LuAnn Martin to financial counselor at Hershey.
Anne Smilowitz to assistant to the director, CE in Business Administration.
Sheila R. Stichter to licensed practical nurse/medicines at Hershey.

Clerical

Tiffany Andrews to correspondence typist A in Intercollegiate Athletics.
Elizabeth J. Antonacci to accounting clerk at Schuylkill Campus.
Evelyn M. Banks to senior clerk at Hershey.
Christine Christian to accounting clerk in Research and Graduate School.

Donna E. Henney to clerk, accounting A in Intercollegiate Athletics.
Janet L. Herrold to senior accounting clerk in Intercollegiate Athletics.
Darryl D. Hill to senior clerk in serials inventory in University Libraries.
Rose M. Leedy to senior clerk, scheduling/reception at Hershey.
Carmella Letzesen to secretary C in Business Administration.
Angie L. Russell to secretary A at DuBois Campus.
Linda K. Sowers to secretary B at York Campus.
Carol L. Swartz to secretary B at Shenango Valley Campus.
Theresa Walls to instructional services clerk at Delaware County Campus.
Karen W. Wilson to conference secretary in Commonwealth Educational System.

Technical Service

Rebecca S. Ampacher to maintenance worker, utility at Capital College.
William Atkins to environmental systems technician in Office of Physical Plant.
Raymond Biondi to maintenance worker, general B at Delaware County Campus.
Robert Conway to mechanic helper - service garage in Office of Physical Plant.
Perry L. Feeg to stores clerk at Hershey.
Carl B. Heywood to maintenance worker, general in Commonwealth Educational System.
Ricky T. Kasubick to maintenance worker,

utility in Office of Physical Plant.
Mike Kelleher to environmental systems technician in Office of Physical Plant.
R. Thomas Kline to environmental systems technician in Office of Physical Plant.
Philip Meyer to environmental systems technician in Office of Physical Plant.
Lee Palmer to maintenance worker, area landscape in Office of Physical Plant.
John Reish to environmental systems technician in Office of Physical Plant.
Samuel Shilling to lead auto mechanic in Office of Physical Plant.

Staff Exempt

Silvia C. Cabrera to director, administration services in Division of Development and University Relations.
Jeffrey W. Garis to associate director, counseling and programming in Student Services.
Arthur Heim to director, industrial research office in Research and Graduate School.
Robert Intieri to manager, golf course in Penn State Bookstore.
Richard D. Koonz to supervisor, systems fabrication and assembly in Applied Research Lab.
Scott K. Kralik to research engineering assistant in Engineering.
Bethany N. Raney to systems project analyst in Agriculture.
Nancy Slaybaugh to manager, libraries human resources in University Libraries.
Patricia A. White to program aide in Commonwealth Educational System.

Staff Non-Exempt

Carol Anderson to surgical technician at Hershey.
Carolyn Baligush to surgical technician at Hershey.
Shelly Brown to surgical technician at Hershey.
Maggie Cole to surgical technician at Hershey.
Andrew Felix Jr. to water systems administration/engineering aide in Office of Physical Plant.
Brian D. Frey to research technician at Hershey.
Gaile Gemundt to surgical technician at Hershey.
Lisa Jacoby to surgical technician at Hershey.
Christopher Jordan to surgical technician at Hershey.
Margaret Long to surgical technician at Hershey.
Sandra Morgan to surgical technician at Hershey.
Teresa Shank to surgical technician at Hershey.
Brenda Stoner to surgical technician at Hershey.
Jeffrey Wadsworth to surgical technician at Hershey.
Brenda Williams to surgical technician at Hershey.

Ten are studying as Hubert H. Humphrey Fellows

Ten mid-career professionals from developing countries are studying public administration at the Department of Public Administration as Hubert H. Humphrey Fellows for 1989-90.

They are participating in the Hubert H. Humphrey North-South Fellowship Program. Created in 1979, the program brings accomplished professionals from developing countries to the United States at a mid-point in their careers for a year of study and related practical professional experiences," according to the U.S. Information Agency, which funds the program.

Penn State, one of 15 universities participating in the program, has hosted 98 fellows studying public administration since the program started. Each year the program provides about 130 fellows the opportunity to experience U.S. society and culture and to observe current U.S. approaches to fields in which the fellows work.

The program honors the memory and accomplishments of Hubert H. Humphrey, U.S. senator from Minnesota for 27 years and vice president of the United States from 1965-69.

The 10 fellows are:

- Maria de los Angeles Morillo, marketing director, Hotel y Club Copant, San Pedro Sula, Republic of Honduras.
- Mounira Latrech, commercial financial director, Mining and Metallurgic Co., Tunisia.
- Ashfaq Ahmad Memon, joint secretary of finance, Province of Sindh, Islamic Republic of Pakistan.
- Omar Ndoye, consultant in marketing and management, African Center for Higher Studies in Management, Republic of Senegal.

- Carl Justin Pilgrim, first vice president, National Workers Union, St. Lucia.
- Victor Prosper Poukouta, chief of service, Ministry of Planning, People's Republic of the Congo.
- Andre Gahimbare, director, Cabinet

- Ministry of Home Affairs, Republic of Burundi.
- Mohammed Mushtaq Ali, chief personnel officer, Fiji Sugar Corp., Republic of Fiji.
- Yu Wu, program director, Chinese

- Academy of Social Sciences, People's Republic of China.
- Hilarie Comlanvi, head, Administrative Secretariat, Ministry of Labor and Social Affairs, Republique Populaire du Benin.



Participants in the Humphrey Fellowship Program are (standing in front, from left): Hilarie Comlanvi, Nancy K. McCartin (assistant program coordinator), Ashfaq Memon, Mounira Latrech and Maria Morillo; and (in back, from left) Robert LaForte Jr., Mohammed Mushtaq Ali, Andre Gahimbare, Prosper Poukouta, Omar Ndoye, Carl Pilgrim, Yu Wu and Syedur Rahman (deputy program coordinator).

Staff Vacancies

(Continued from page 12)

require travel on field assignments including assignments aboard ships at sea. U.S. citizenship required. STAFF GRADE 3.

• **Engineering Aide, Applied Research Laboratory, University Park Campus**—Responsible to the project engineer or senior engineering aide for the layout, design, fabrication and construction of standard electronic or mechanical components and equipment. Requires associate degree, or equivalent, plus two to four years of effective experience in the design and fabrication of experimental equipment. Position may require travel on field assignments including assignments aboard ships at sea. U.S. citizenship required. STAFF GRADE 5.

Brush Chair

Applications and nominations are invited for the Brush Chair in Materials in the College of Engineering.

Joseph C. Conway, professor of engineering science and materials, has been appointed chairman of the search committee. Other committee members are **Philip D. Cady**, professor of civil engineering; **H.R. Hahn**, professor of engineering science and mechanics; **David W. Jensen**, assistant professor of aerospace engineering; and **Jonathan Phillips**, associate professor of chemical engineering.

The endowed chair in engineering materials, funded by Harvey Brush of San Francisco, emphasizes interdisciplinary activities in various aspects of materials analysis and use.

The holder will work with engineers and scientists from other disciplines and may become a member of any of the faculty of the College's nine departments or the acoustics or bioengineering programs.

Candidates must hold an earned doctorate, have a distinguished reputation and have demonstrated ability to conduct independent research and to teach in the field of materials engineering. In addition, the candidate should be eligible for a full-time faculty position in the College of Engineering at the academic rank of

professor.

Applications and nominations, including curriculum vitae, should be sent to Dr. Conway, chairman, Brush Chair Search Committee, Department of Engineering Science and Mechanics, Box OC, 227 Hammond Building, University Park.

The position will be available beginning Aug. 22, 1990. Priority will be given to nominations and applications received before Jan. 31, 1990. The search will continue until an appropriate candidate is selected.

DuBois Campus

A Campus Advisory Search Committee has been appointed to identify candidates for the position of campus executive officer at Penn State DuBois Campus.

John A. Vargas Jr., assistant professor of environmental science at the DuBois Campus, has been appointed chair of the search committee. Other members are:

William A. Asbury, vice president for student services; **James D. Gallagher**, campus executive officer, Penn State Worthington Scranton Campus; **Katrina Jones**, president, Student Government Association; **Ross A. Kester**, instructor in engineering; **Mary K. Mino**, assistant professor of speech communication; and **Jeffrey Spearly**, director of continuing education, all at the DuBois Campus; **Athleen J. Siero**, associate professor of biology, Penn State Altoona Campus; and **Charles H. Strauss**, associate professor of forest sciences.

The campus executive officer is the chief administrative officer of the campus and is responsible for administering all of its University programs. The CEO also is responsible for maintaining close relationships with the communities in the campus service area with the assistance of the DuBois Educational Foundation, comprised of local citizens.

Candidates should have an earned

doctorate, several years of experience in college and/or university teaching and substantial experience in academic administration.

Send two copies of resume to Richard E. Grubb, senior vice president and dean, Commonwealth Educational System, 111 Old Main, Department CHE, University Park.

Applications and nominations will be received until a suitable candidate is selected.

Regional director

Applications and nominations are invited for the position of regional director, Northeast Region, Penn State Cooperative Extension. The regional director for a 17-county region in Northeast Pennsylvania is located on the University Park Campus and reports directly to the dean of the College of Agriculture.

Qualifications include an earned doctorate and a significant period of professional and/or administrative experience in Cooperative Extension. The applicant should have an understanding of the land-grant university philosophy and experience in, or knowledge of, university extension, research and resident education functions. Demonstrated administrative and program leadership and ability to work effectively with producers, industry, government and other public and private organizations are important.

Letters of application should include a complete resume and a list of three to five individuals who can be contacted for recommendations. Applications will be accepted through Jan. 31 or until a suitable candidate is identified.

Nominations and letters of application should be forwarded to Diane V. Brown, chair, Search Committee, 401E Agricultural Administration Building, University Park.

Ogontz Campus

A search committee has been formed to solicit nominations and applications for the position of director of academic affairs at Penn State Ogontz.

The director of academic affairs is responsible to the campus executive officer for providing leadership for all academic matters, including the campus faculty.

Ogontz is a commuter campus of approximately 3,500 students, 90 percent of whom are in baccalaureate programs. There are more than 200 faculty and staff members working in the suburban Philadelphia location.

Applicants should have an earned doctorate, or equivalent, and a minimum of five years of experience in a combination of full-time teaching, research and scholarly pursuits, as well as possess the academic qualifications of a tenured, senior-ranked faculty member.

Leonard Mustazza, associate professor of English at Ogontz, will chair the search committee.

Other members are **F.L. Christy**, assistant director of academic affairs, Ogontz; **Waverly Coleman**, assistant director of continuing education, Delaware County; **George W. Franz**, assistant professor of history, Delaware County; **Theodore Kiffer**, associate dean, Commonwealth Educational System, Liberal Arts; **Albert Miles**, assistant professor of English, Ogontz.

Jennifer Morrison, president, Ogontz Student Government Association; **Judy Ozment**, assistant professor of chemistry, Ogontz; **Richard St. Pierre**, professor and head of health education; **Ann M. Schmiedekamp**, assistant professor of physics, Ogontz; and **Eugene R. Slaski**, director of academic affairs, Allentown.

The deadline for applications/nominations is Jan. 31, or until the position is filled.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304). Applications for these staff vacancies will be accepted until Jan. 18. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment Practices (FE 1) and are subject to review by the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status - a disabled or Vietnam era veteran.

• **Assistant Director for Student Services, CES, Independent Learning, University Park Campus**-Responsible to the director, Independent Learning, for the overall development, management and supervision of the student services units of the department. Review, develop and/or revise procedures related to registration systems and records management, supervise computer system. Registration systems and records management. Requires bachelor's degree or equivalent in student services or related field plus three to four years effective experience. A master's degree along with experience in a higher education continuing education program preferred. STAFF GRADE 8

• **Senior Applications Software Designer/Programmer, CES, Management Systems, University Park Campus**-Responsible to the assistant manager, applications systems, for leadership of major data processing development projects, formulation of logical statements of defined system problems and application of techniques and solutions. Requires bachelor's degree, or equivalent, in computer science, MIS or related field and two to three years effective experience in computer programming, systems analysis, management information systems and/or fourth generation development environment. Experience in accounting, financial management, budgeting or other administrative areas is desirable. STAFF GRADE 7

• **Supervisor, Systems and Operations, CES, Management Systems, University Park Campus**-Responsible to the assistant director, CES, Management Systems, for scheduling, installation and maintenance of resources necessary to support the operational needs of all CES information systems. Supervise the system and activities of the staff. Requires bachelor's degree or equivalent in computer science, MIS or technical areas relevant to information systems plus two to four years of effective experience in data communications, systems analysis, system management (system programming) or related fields. Supervisory and VAX experience preferred. Must be skilled in oral and written communications. STAFF GRADE 6

• **Student Services Specialist, CES, University Division of Media and Learning Resources, Independent Learning, University Park Campus**-Responsible to the assistant director for academic affairs, Department of Independent Learning, for the implementation of a student academic advising and counseling service. Responsibilities include working primarily with nondegree, nontraditional students. Requires bachelor's degree or equivalent plus one to two years of effective experience in academic student services, especially in dealing with the distant, nontraditional learner. Ability to communicate well in writing important. Employee will be expected to work some regular evening hours. STAFF GRADE 6

• **Senior Technical Specialist, Senior Vice President for Research and Dean of the Graduate**

School, Office of Sponsored Programs, Technology Transfer and Industrial Liaison, Great Valley-Responsible to the associate vice president for research and technology transfer through the director, Pennsylvania Technical Assistance Program, for serving as a resource person for clients interested in economic development. Responsible for visiting public and private sector organizations in Southern Pennsylvania. Requires master's degree, or equivalent, in an engineering, field or physical science, plus five to seven years of effective experience in an industrial setting. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1990, WITH EXCELLENT PROBABILITY OF RE-FUNDING. STAFF GRADE 9.

• **Applications Programmer/Analyst, Computer and Information Systems, Library Computing Services, University Park Campus**-Responsible to designated project leader for conducting analyses of data processing and operational problems, determining detailed requirements to solve problems, formulating logical statements of systems problems and preparing computer programs to satisfy desired results. Requires bachelor's degree, or equivalent, in basic computer systems and one to two years of effective experience in computer programming and analysis. Experience with DEC VMS is preferred. THIS IS A FIXED-TERM POSITION FUNDED THROUGH DEC 31, 1990. STAFF GRADE 6

• **Research Programmer, Computer and Information Systems, Center for Academic Computing, University Park Campus**-Develop, install and maintain software and support documentation for applications and application environments on high-performance Unix workstations. Requires master's degree, or equivalent, in computer science or related discipline and one to two years of effective experience in instructional and research applications on high-performance Unix workstations. Proficiency in Unix (3bsd), C and Fortran languages, and object-oriented programming is required. Familiarity with one or more of the following is highly desirable: PostScript, Objective C, TCP/IP networks, hypertext, audio processing, interactive graphics, NeXTStep, VM/CMS. STAFF GRADE 7

• **Computer Operator, Computer and Information Systems, Center for Academic Computing, University Park Campus**-Responsible to the operations supervisor for accurate handling of input and output files and for operating computer equipment. Requires associate degree, or equivalent, including two years of college mathematics or two years of college science or engineering. Familiarity with computer programming and operation of various equipment is helpful. Shifts 8 a.m. to 4:30 p.m., 4:30 p.m. to 1 a.m. and midnight to 8 a.m. STAFF GRADE 4

• **Manager, Mechanical, Electrical and Building Systems-Maintenance and Operations, Office of Physical Plant, Physical Plant, University Park Campus**-Responsible to the director of maintenance and operations for the total functioning and direct line responsibility of the mechanical, electrical and various building system functions, including the Central Control System. Duties include: developing budget proposals and receiving and evaluating recommendations for material and equipment needs. Requires bachelor's degree in engineering, or closely related field, or equivalent, plus four to seven years of effective experience in complex institutional building system maintenance and operations. STAFF GRADE 8

• **Academic Counselor, Liberal Arts Advising Center, University Park Campus**-Responsible to the coordinator of advising center for the advising of undergraduate nonmajor students in College of the Liberal Arts, act as liaison to academic departments and student support services, serve as an academic advising resource to college faculty at University

Park and Commonwealth Campuses; meet with prospective students and their parents. Requires master's degree, or equivalent, in counseling or related field plus one to two years of effective experience. TWO FULL-TIME, CONTINUING POSITIONS ARE AVAILABLE. ONE IS AN 11-MONTH POSITION, THE OTHER IS A 12-MONTH POSITION. STAFF GRADE 7.

• **Network Analysis/Installation Security Officer, The Department of Information Systems, The Milton S. Hershey Medical Center**-Responsible to the assistant director, information systems, for the strategic planning and development of office information networks and the integration of these networks within the Medical Center information support systems. Recommend guidelines for the acquisition of equipment and development of software. Requires bachelor's degree or equivalent, in computer science, math, engineering and/or management information systems or related field, plus two to three years of effective experience working with office network and personal computers. STAFF GRADE 7.

• **Utilization Review Specialist, The Department of Healthplan Inc., Healthplan, PPA, The Milton S. Hershey Medical Center**-Responsible to the medical director of Healthplan for the review of hospitalization and discharges, as well as the documentation of the patterns of utilization for physician and hospital providers. Requires bachelor's degree, or equivalent, in an allied health field (Med Tech, respiratory therapy, etc.) or in nursing, with a minimum of two years effective clinical hospital experience, preferably in a utilization review setting. STAFF GRADE 6.

• **Coordinator, Adult Epilepsy Program, Nursing Administration, The Milton S. Hershey Medical Center**-Responsible to the medical director of the Adult Comprehensive Epilepsy Treatment Program to include overseeing the day-to-day operation of the program, as well as training of staff and development of patient, family and community education. Requires master's degree in nursing or related clinical area, current licensure by Pennsylvania State Board of Nursing plus one to two years of effective clinical or administrative experience. STAFF GRADE 7.

• **Research Writer/Analyst, Nursing Administration, The Milton S. Hershey Medical Center**-Responsible to the director of the Center for Nursing Research for assistance in the provision of research activities to include preparation and/or directing the preparation and editing of reports, manuscripts, articles, brochures and critiques dealing with nursing research, as well as the collection and analysis of research data. Requires bachelor's degree, or equivalent, in English, journalism, science or a related field and one to two years of effective experience editing and writing for journals and magazines. STAFF GRADE 5

• **Director of Administration/Obstetrics and Gynecology, The Department of Obstetrics and Gynecology, The Milton S. Hershey Medical Center**-Responsible to the chairperson of the Department of Obstetrics and Gynecology for the planning and management of administrative, financial and operational activities of the department. Requires bachelor's degree, or equivalent, in business administration, health services administration, public health (MBA or MHA preferred), plus four to six years of effective experience. Experience in professional reimbursement or third-party reimbursement and research administration, including the preparation of contracts and proposals is necessary. Knowledge of finance and accounting is necessary. STAFF GRADE 8.

• **Divisional Coordinator/Oncologic Surgery, The Department of Surgery, The Milton S. Hershey Medical Center**-Responsible to the chief of

the division for the performance of and assistance with a variety of administrative duties to include supervision of clerical employees, preparation of various documents and efficient operation of the division. Requires bachelor's degree, or equivalent, plus one to two years of effective experience in the performance of administrative duties. Experience with personal computer applications desirable. STAFF GRADE 5.

• **Divisional Coordinator/General Surgery, The Department of Surgery, The Milton S. Hershey Medical Center**-Responsible to the chief of the performance of administrative duties to include supervision of clerical employees, preparation of various documents and efficient operation of the division. Requires bachelor's degree, or equivalent, plus one to two years of effective experience in the performance of administrative duties. Experience with personal computer applications desirable. STAFF GRADE 5.

• **Coordinator, Rehabilitation Billing, The Department of Financial Management, The Milton S. Hershey Medical Center**-Responsible to the supervisor, hospital billing, for coordinating the functions of the billing and filing areas for the operations of rehabilitation billing. Requires associate degree, or equivalent, in business administration plus one to two years of effective experience. STAFF GRADE 4.

• **College Health Services Nurse, Penn State Erie, The Behrend College, Student Services**-Responsible to the nurse practitioner for providing a wide range of health care services and related programs. Maintain medical records, pharmaceutical and medical supplies. Requires bachelor's degree in nursing plus one to two years of effective experience in college health nursing or a related area with preference to health education and health promotion programs. Must be licensed as a registered nurse in the Commonwealth of Pennsylvania. THIS IS A NINE-MONTH, FULL-TIME POSITION. SOME EVENING HOURS WILL BE REQUIRED. STAFF GRADE 5.

• **Assistant to the Director of Student Programs and Services, Shenango Campus**-Coordinate, plan and implement an on-going student activities program; assist with cultural events, lectures, performing arts, film programs, orientation activities, etc.; assist in developing leadership program experiences for student organization officers and members; assist in delivering community-related educational functions such as fairs, visitations, etc. Requires master's degree, or equivalent, in an appropriate area of student personnel work, plus up to and including one year of effective experience. STAFF GRADE 6.

• **Athletic and Recreation Assistant, Shenango Campus**-Coach two or more varsity sports; organize student travel and prepare press releases; administer intramural programs; conduct athletic recruitment; track academic progress of various student athletes; inventory, make purchase recommendations and maintain all athletic equipment. Requires bachelor's degree in physical education, recreation and/or related field, plus one to two years of related experience and coaching experience. THIS IS A FIXED-TERM POSITION FUNDED THROUGH MAY 31, 1990, WITH GOOD POSSIBILITY OF RE-FUNDING. STAFF GRADE 5.

• **Junior Engineering Aide, Applied Research Laboratory, University Park Campus**-Responsible to the project engineer or designated senior engineering aide for assistance in fabrication, testing, installation, operation and maintenance of nonstandard electronic equipment. Requires associate degree, or equivalent, in electrical or mechanical engineering technology program and more than three months of effective experience. Position may

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ATLAS OF PENNSYLVANIA

See the story on the newly published "The Atlas of Pennsylvania" on page 4.

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Hucks endow faculty chairs and graduate fellowships

The president of the Board of Trustees and his wife have contributed a \$5 million life insurance policy to endow four faculty chairs and a fund for graduate fellowships at the University.

J. Lloyd and Dorothy Faeck Huck of New Vernon, N.J., plan to endow chairs in the colleges of Medicine, Science, and Health and Human Development, and in the University Libraries. Students from all fields will be eligible for the graduate fellowships.

Lloyd Huck is chairman of both Nova Pharmaceutical Corp. and Mutual Benefit Life Insurance Co. He has served as president of the Board of Trustees since 1988 and has been a trustee since 1977.

"This magnificent gesture from Lloyd and Dottie Huck will have a tremendous impact throughout the University," President Jordan said. "The chairs will help us to attract and retain world-class faculty, and the fellowships are critical to our efforts to attract the best advanced-degree students, regardless of their field of academic interest."

Dr. Jordan also noted the commitment's importance to The Campaign for Penn State, a six-year effort to raise \$300 million in private support.



President Jordan (left) and J. Lloyd Huck

"Although the Campaign surpassed its goal in November, the Hucks' gift is evidence that our fund-raising efforts continue to gain momentum," he said. "The Hucks have recognized that, despite the Campaign's success, Penn State will

continue to rely on private support to meet the University's many ongoing needs."

The Campaign will continue through June 30. Gifts and pledges now total \$321 million.

The Hucks made their gift by naming

Penn State the owner and beneficiary of a \$5 million insurance policy, upon which they will continue to pay annual premiums. Their gift is the largest Penn State has received via this philanthropic method.

"We're making this commitment in order to strengthen the great land-grant tradition at Penn State," Mr. Huck said. "The real beneficiaries of a stronger Penn State are its students, many of whom are first-generation college men and women from modest social and economic backgrounds."

"Our students deserve the best education we can provide. These four new endowed chairs will bring Penn State students into contact with the very best teachers and scholars in the nation today. And the graduate fellowships will make it easier financially for deserving students to do advanced work at the University."

The J. Lloyd Huck Chair in Molecular and Cell Biology will be established in the College of Medicine at the Medical Center. The holder of the chair will direct the graduate program in molecular and cell biology and will oversee the core faculty that houses the complex technologies used by researchers in both the basic sciences and the clinical departments.

(Continued on page 7)

Huck and Coppersmith are re-elected to Trustee posts

J. Lloyd Huck, chairman of the board of Nova Pharmaceutical Corp. of Baltimore, Md., was re-elected president of the Board of Trustees at its meeting Jan. 13 at University Park.

Marian Ungar Coppersmith, president of The Barash Group and publisher of *Town & Gown* and *Where & When* magazines, was re-elected vice president of the board.

Mr. Huck and Ms. Coppersmith were selected to serve one-year terms, which will expire in January 1991. It is the third term

for each official.

A resident of New Vernon, N.J., Mr. Huck served three years as vice president of the Board of Trustees from 1985 to 1987. He has been a member of the board since 1977, when he was elected by delegates from industrial societies, and a member of various board committees. In addition, he has served as vice chairman of the Committee on Finance.

A 1946 graduate with a BS degree in chemistry, he is past president of the Penn

State Alumni Association and a member of the Campaign Executive Committee and Mount Nittany Society. He has been named an Alumni Fellow of the University's colleges of Medicine and Science.

Before joining Nova Pharmaceutical Corp. as chief executive officer in 1986, he was chairman of the board at Merck and Co. Inc., where he had served in various managerial positions since 1958, including president, chief operating officer and

chairman of the board.

Recently, he was named chairman of the board of directors of The Mutual Benefit Life Insurance Co. He also is a member of the board of directors of ARMCO Inc. and the Association of the Governing Boards of Universities and Colleges and a trustee of the Morrisstown, N.J., Memorial Foundation and the Geraldine R. Dodge Foundation.

Ms. Coppersmith, a 1953 graduate with a bachelor's degree in journalism, has been a

(Continued on page 7)

Meetings on job evaluation project are scheduled

A multi-year project to review job evaluation and compensation programs at Penn State is quickly moving into its first phase as a series of meetings take place throughout the Penn State system during the next two months.

"University involvement is a key component to the success of this comprehensive effort," according to Billie Willits, assistant vice president of human resources at the University. "For a new program of evaluation and compensation to be responsive to the needs of employees in the 1990s, we need extensive feedback."

Officials announced in November that the Pittsburgh office of the international consulting firm of William M. Mercer Meidinger Hansen, Inc. was selected from among six firms to provide support to Penn State for this project.

"The consultants have been expanding their understanding of the University, its environment and its mission and culture," Ms. Willits explained. "The series of meetings during the next month will help them, along with the Review Committee, to set objectives."

"Program reviews of this kind are normal and should be done routinely at an institution of this size. It does not signal across the board salary increases or the like. What it does signal is that an employer must be capable of adapting to changes in society."

"The society we live in is significantly different and more complex than it was just 10 years ago. Technological changes, for instance, have created the need for positions which did not exist at that time. We also need to examine the personal and career goals employees have and explore options for helping them achieve what they want out of their jobs at Penn State."

Penn State intends to design and implement a customized job evaluation and compensation program for the staff exempt, staff non-exempt, and clerical classifications and to develop communications and training for the new program.

Among the goals of the project will be to provide a framework for career growth and to reward excellence; help the University to attract and retain first-rate individuals in the job markets and fields where it now

Schedule of open meetings: Allentown, Jan. 18; Altoona, Jan. 23; Beaver, Feb. 15; Behrend College, Jan. 21; Berks, Jan. 18; Delaware, Jan. 16; DuBois, Jan. 24; Fayette, Feb. 14; Great Valley, Feb. 21; Harrisburg, Jan. 31; Hazleton, Feb. 8; Hershey Medical Center, Jan. 31 and Feb. 1; McKeesport, Feb. 14; Mont Alto, Jan. 30; New Kensington, Feb. 14; Oquon Park, Jan. 17; Schuylkill, Jan. 17; Shenango, Jan. 24; University Park, Jan. 19 and 29 and Feb. 12 and 20; Wilkes-Barre, Feb. 7; Worthington, Scranton, Feb. 8 and York, Jan. 30.

competes for employees; and to ensure the overall system is free of racial, ethnic and gender bias.

"This effort comes out of the important work of the Strat'gic Study Group on Status of Women, a group formed by President Jordan," Ms. Willits said.

To insure staff involvement, Rachel Miller, manager, salary administration and classification, and members of the Classification/Evaluation Review Committee have scheduled open meetings at all campuses in the Penn State system.

"These meetings are designed to inform interested staff and faculty of the objectives and work plan for the project," Ms. Miller said. "Audiences are encouraged to ask questions and help us identify issues which need to be addressed through this project."

Employees should watch for local publicity about the times and locations for the meetings at their campuses.

Anyone with additional suggestions to offer the project team is encouraged to contact them at Box 7 Rider Building.



Billie Willits

Focus on Diversity

Terrell Jones appointed special assistant to provost

W. Terrell Jones has been appointed special assistant to the provost to share responsibilities for diversity and campus climate issues. Trustees have learned.

The search committee for the new vice provost for underrepresented groups has reviewed nearly 100 resumes from applicants nationwide and interviewed several candidates from a wide variety of universities." William C. Richardson, executive vice president and provost of the University said. "But the most promising candidates either could not relocate or did not demonstrate the kind of leadership qualities we are seeking at Penn State."

The search committee will continue to review nominations and applications.

I commend committee members for their dedicated and thoughtful work," Dr. Richardson stated. "There is a difficult task. They have thoroughly scrutinized applicants during interviews in order to locate a candidate with the commitment to underrepresented groups, academic credentials and administrative experience to successfully deal with these issues at Penn State.

"I am confident that the search committee will send forth another group of excellent candidates."

For the Spring Semester, Dr. Jones will work with Robert Dunham, vice president and vice provost, who currently serves as the liaison to the Office of the



W. Terrell Jones

President and student groups concerned about diversity issues.

"It seems necessary and appropriate to place emphasis and attention on the concerns that precipitated the creation of the position," Dr. Richardson said.

Dr. Jones, associate director of the Division of Campus Life, currently is an Administrative Fellow in the Office of the President.

He joined Penn State in 1977 after serving as assistant dean of student life and

assistant director of admissions at Lock Haven University. He was an area coordinator in residence halls and assistant director of residential life programs in East Halls before assuming his current position in 1984.

His activities include serving as president of the Forum on Black Affairs, coordinator

of the University Intergroup Relations Program and chair of the Centre County Advisory Council of the Pennsylvania Human Relations Commission.

Dr. Jones received a B.A. degree from Lock Haven University and M.Ed. and D.Ed. degrees from Penn State.

WPSX-TV programs

The Cambridge Forum, a new discussion and interview program with leaders of the African-American community nationwide, airs at 11 a.m. Sundays on Channel 3.

In *Two Societies* (1965-68) on *Eyes on the Prize II*, airing at 10 p.m. Monday, Jan. 22, Martin Luther King Jr. and the Southern Christian Leadership Conference (SCLC) come north to help Chicago's civil rights leaders in their nonviolent struggle against segregated housing.

Their efforts pit them against Chicago's powerful mayor, Richard Daley. When a series of marches through all-white neighborhoods draws violence, King and Daley negotiate with mixed results.

In Detroit, a police raid in a black neighborhood sparks an urban uprising that lasts five days, leaving 43 people dead. The Kerner Commission finds that America is becoming "two societies, one black, one white, separate and unequal." President

Lyndon Johnson, who appointed the commission, ignores the report.

Diversity Calendar

Saturday, Jan. 27
Office of Minority Faculty Development, 9:30 a.m. to 12:30 p.m., 114K Kern Graduate Building. "The Process of Being Published" is the first in a series of faculty development workshops this semester. Emilia Martinez-Brawley, professor of social work, will be the speaker. For reservations, call Leah Wiltz at 863-1603.

Through Jan. 31
Black Studies Room, Pattee Library. Exhibit: "Civil Rights Leaders: Where Are They Now?"

Through Feb. 10
Paul Robeson Cultural Center. Art display by Penn State Alumnus Llewellyn Ritchie.

News in Brief

Golf shop winter hours

The White Golf Shop located on the ground floor of Recreation Building facing Atherton Street is open for business from 10 a.m. to 6 p.m. Monday through Saturday through March 3. The shop is closed Sundays through January and February. For more information call the golf shop at 865-6231.

Meat Lab schedule

Following is a list of dates on which the Meat Laboratory will be conducting meat sales for the Spring Semester Jan 19 and 20; Feb. 2, 9, 16, 23; March 2, 9, 16, 23, 30, April 6, 13 (Good Friday), 20 and 27. May 4 (last sale day).

Customers are asked to take note of the Easter holidays. If you would like to place an order for an Easter ham, please do so prior to March 1.

The Meat Lab also is establishing a mailing list so that customers can be notified about "specials" that may occur from time to time. If you would like to be placed on this list, or if you have any questions about Meat Lab sales, call Mark Stevenson, manager, at 865-1878.

Junior handball clinic

The Penn State Junior Handball Clinic, for youths ages 9 to 15, will be held from 9 to 10 a.m. Saturdays and 5:30 to 6:30 p.m. Tuesdays, beginning Jan. 20 and ending Feb. 20.

The clinic will take place at the Recreation Building handball/racquetball courts. Participants will be introduced to a lifetime sport that is fun, challenging, competitive, and an excellent fitness activity. Basic concepts of handball, including rules, shot technique and strategy, will be covered.

For more information or to register, contact the Continuing Education Office at 102 Wagner Building, telephone 865-3443.

Roundtable series

Sanford C. Thatcher, director of the Penn State Press, will lead a lunchtime

roundtable, sponsored by the Penn State Chapter of the National Association of Science Writers, at 11:45 a.m. Wednesday, Jan. 31, in Room 313 Kern Building at University Park.

Mr. Thatcher, who joined the Press earlier this year, will lead a discussion of Scholarly Publishing and the Penn State Press." The free lunchtime roundtable series is open to anyone interested in science communication.

The Penn State Chapter of the National Association of Science Writers meets for lunch and discussion on the last Wednesday of each month. To make a reservation, call Barbara Hale, 863-4682.

Basic movement skills

The College of Health and Human Development will offer a free program in basic movement skills and games for children ages 5 through 8, beginning Feb. 13.

The program will be held in Room 126 White Building at University Park from 4 to 4:50 p.m. Tuesdays through March 27. Registration is scheduled for 3:45 p.m. Feb. 13 in Room 126 White Building.

Community advisory board created

Five Erie businessmen have been appointed to a newly created advisory board for radio station WPSE at Penn State Erie, The Behrend College. The advisory board is expected to provide community input and guidance for WPSE, which has been broadcasting to the Erie area since last May.

The new board consists of Chairman Myron Jones, president and owner, JET Broadcasting Co.; Robert Bach, sales manager, WIET FM; Edward P. Junker III, president and chief executive officer, Marine Bank; Edward Weltejus, editorial page editor, Times Publishing Co.; and Christopher Zimmerman, president and general manager, WQLN TV/FM.

Penn State-Behrend's 1000-watt station is located at 1450 on the AM dial and offers a news, talk and sports format.

At Hershey Medical Center

Vice president is appointed

The Board of Trustees has approved the appointment of **Allan C. Anderson**, president of the Lenox Hill Hospital, as vice president and chief operating officer of the Hershey Medical Center and director of the University Hospital.

He will assume his new duties at Hershey in late January.

President Jordan said, Mr. Anderson has a distinguished record in the field of hospital operations and, more recently, as president of Lenox Hill Hospital, a major affiliate hospital of Cornell University. He is highly regarded as a health-care administrator nationally."

C. McCollister Evaris, senior vice president for health affairs and dean of the College of Medicine, said, "As chief operating officer, Mr. Anderson will be responsible for the administration of Medical Center functions, providing greater continuity and integration for our institution as we move forward in fulfilling our role as a special resource for the people of Central Pennsylvania."

Since 1979, Mr. Anderson has served as president of Lenox Hill Hospital, a 650-bed community teaching hospital in New York City and a major teaching affiliate of

Cornell University Medical College.

He is a trustee and a member of the executive committee of the American Hospital Association, chair of the institutional practices committee, and a member of the regional policy board of AHA. He also is a member of the American College of Hospital Administrators.

Prior to his position at Lenox Hill, Mr. Anderson was executive director of the Strong Memorial Hospital of the University of Rochester, Rochester, N.Y., for 11 years and served in administrative positions at Highland Hospital in Rochester for more than seven years.

His degrees include a B.S. in accounting from Syracuse University and a master of hospital administration from the University of Minnesota.

In addition to service with AHA, Mr. Anderson has taken leadership positions on the governing boards of such organizations as the Hospital Association of New York State and the Greater New York Hospital Association, Empire Blue Cross and Blue Shield, and the League of Voluntary Hospitals.



Allan C. Anderson

From the Trustee Docket

Distinguished Alumni

The Board of Trustees has selected eight alumni to receive the University's highest award for an individual, the Distinguished Alumni Award.

The 1990 Distinguished Alumni, class (years), current title and hometown, are:
Thomas J. Anderson Jr., '56, senior vice president, Hilton Hotel Corp., Central Region, Barrington Hills, Ill.

Charles J. Bierbauer, '66, '70g, senior White House correspondent, Cable News Network, Potomac, Md.

Joseph F. Frederick Jr., '56, senior vice president, United Technologies Corp., Tucson, Ariz.

John R. Ham, '71, executive vice president of project development, Universal Communications Group Inc., Sewickley, Pa.

Charles M. Kearns Jr., '36, retired vice president, United Technologies Corp., Tucson, Ariz.

Thomas D. Larson, '52, '59g, '62g, head, Federal Highway Administration, Lemont, Pa.

Edward Shapiro, '37, consultant and retired CEO, New England Nuclear Corp., Hanover, N.H.

Janet M. Wardlaw, c3g, chairman, board of governors, International Development and Research Center, Guelph, Ontario, Canada.

The Distinguished Alumni Award was established in 1951 to honor Penn State alumni who have made outstanding contributions to their professions and community service.

Dr. Anderson earned a master's degree in music education. He also has a B.A. degree from West Virginia State College and a Ph.D. from the University of Iowa. Named a Penn State Alumni Fellow in 1982, he is considered one of America's foremost black composers, with more than 55 musical works to his credit.

Mr. Bierbauer, who earned a dual bachelor's degree in journalism and Russian and a master's in journalism, is noted as a distinguished broadcast journalist. His career spans more than 20 years, during which time he has covered the Kremlin as a Moscow bureau chief and served as a foreign correspondent in Belgrade, Vienna, Bonn and London.

Mr. Frederick earned a bachelor's degree in hotel administration and also graduated from the Advanced Management Program

at Harvard University (1986). He has played a role in The Campaign for Penn State, helping to secure major gifts for an endowed chair and for other academic programs.

Mr. Ham, who earned a bachelor's degree in business administration, real estate and insurance, now works for the Pennsylvania Communications Group and is a sportscaster for the Mutual Broadcasting System and WTAE-TV. He is most noted for his football exploits, and in 1988 was elected to the Professional Football Hall of Fame in his first year of eligibility.

Mr. Kearns received a bachelor of science degree in electrical engineering. Until his retirement in 1977, he was with Hamilton Standard, a division of United Technologies Corp., since his graduation from Penn State in 1936. He also was associated with United Aircraft Corp., an affiliate of Hamilton Standard, from 1936, serving as president from 1961 to 1968.

Dr. Larson earned bachelor's, master's and doctoral degrees from Penn State in civil engineering and also did postdoctoral study at Oklahoma State University and the Massachusetts Institute of Technology. Prior to being appointed to head the

Federal Highway Administration in 1968, he served in a variety of capacities at Penn State. He organized the University of Pennsylvania Transportation Institute and served as its first director until 1979, when he was appointed Pennsylvania's transportation secretary.

Mr. Shapiro received a B.S. degree in chemistry from Penn State and a Ph.D. from Purdue University. He was involved in the Manhattan Project early in his career and in 1956 was co-founder, and now retired chairman, of New England Nuclear Corp., which manufactures and sells radioactive chemicals used by universities, medical schools and industries.

Dr. Wardlaw, who earned a Ph.D. in nutrition, received a B.A. degree from the University of Toronto and an M.S. from the University of Tennessee. In her work as chair of the board of governors of the International Development Research Center, she travels throughout the world to evaluate first-hand the effectiveness of IRSC programs in third-world countries. Previously, she was dean of the College of Family and Consumer Studies at the University of Guelph.

Building projects

The Board of Trustees has approved the appointment of Charles W. Moore of Austin, Texas, as the architect for the new addition to the Palmer Museum of Art.

The \$4.9 million project will double the size of the 18-year-old museum, increasing it from 20,884 square feet to 51,534 square feet.

Mr. Moore, internationally acclaimed for more than two decades, has received more than 25 national awards for architectural design. His most recent honors were the national American Institute of Architecture Honor Awards in 1987 and 1988.

The architect has taught for 40 years at universities, such as Princeton; Yale, where he was dean for five years; University of California at Berkeley, where he was chairman of the Department of Architecture for six years; University of California at Los Angeles; and currently at The University of Texas at Austin.

His work ranges from houses to world's fairs, art institutions, civic centers and university campuses. His projects in campus planning and public institutions include Kresge College, University of California at Santa Cruz, the Beverly Hills Civic Center and the Williams College Museum of Art.

"The addition to the Palmer Museum of Art will make possible a major change in the program of our museum," James C. Mooser, dean of the College of Arts and

Architecture, said. "The addition will more than double the present amount of exhibition space, allowing the museum, for the first time in its history, to install its permanent collection."

"A new auditorium will make possible lectures and classes without disrupting exhibitions or endangering art. New storage and work spaces will be provided in adequate measure for the first time," he noted.

Educational programs have been developed to attract thousands of elementary, secondary and Penn State students. During the past year, 59 programs and 15 exhibits were presented in the various galleries. There were 52,672 people who attended programs or special functions, or toured the museum. To meet the growing demand for educational programs, the addition will include a 150-seat auditorium, a multi-purpose room for students and school programs, and a work area for volunteer docents who lead many of the programs.

Approximately \$4.1 million has been raised toward the expansion. In 1986, James R. and Barbara R. Palmer of State College donated \$2 million and since that time, another \$2.1 million has been contributed from private sources and The Campaign for Penn State.

In other action, Trustees:

--Approved a budget increase for contracts

to be awarded for construction of the Research Office Building at University Park.

Planned space in the two-story building has been increased from 20,000 square feet to 22,600 square feet to meet program requirements. As a result, the proposed budget was increased from the \$2,150,000 approved in March 1989 to \$2,650,000 to allow for the alterations.

The building is designed by the Office of Physical Plant. It will house office and support space for the Pennsylvania Transportation Institute and staff from the Materials Research Laboratory and the U.S. Department of Agriculture's Northeast Watershed Research Center.

--Approved final plans and authorized the University to obtain bids and award contracts for construction of a Science and Technology Center/Bookstore at the York Campus.

The project is made possible by a \$2 million fund-raising campaign conducted in the communities served by the campus. Funding for the bookstore will be provided by the Penn State Bookstore system. The new bookstore will significantly improve services to the campus.

The two-story facility will be located directly north of the Student-Community Center, where a parking lot currently is situated. The building's first floor will include two lecture classrooms, three computer classrooms and a bookstore. The

second floor will contain faculty offices.

--Approved proposed sketch/preliminary plans for the Pennsylvania Coal Center for Desulfurization Research at University Park.

The 21,500-square-foot facility will be for state-funded research on ways to eliminate sulfur by-products created from the use of Pennsylvania coal. It will be located between and connected to the existing Academic Activities Building and the Academic Projects Building on Bigler Road.

The structure will include two-story sections connecting by an area of offices forming a second-story link between them.

The section adjacent to the Academic Activities Building will contain high bay preparation and combustion areas, and laboratory, storage and receiving space. The other section, adjacent to the Academic Projects Building, will include the main entrance, a seminar room and a receiving area for the Academic Projects Building.

--Approved a lease of land at the University Park Airport to a developer for Federal Express as a location for a terminal facility.

The 20,000-square-foot structure will be situated on three acres designated for industrial development with direct access to airport runways. It will consolidate Federal Express's processing operations, currently located off airport grounds, and its aircraft operations.

Ag research center

The Board of Trustees has approved renaming the Agricultural Research Center at Rock Springs to The Russell E. Larson Agricultural Research Center at Rock Springs.

The name change honors Dr. Larson, provost emeritus, who served as provost of the University from 1972 to 1976 and dean of the College of Agriculture from 1963 to 1972.

"Russ Larson's service to the College of Agriculture and to Penn State is unsurpassed," Lamarine Hood, dean of the College of Agriculture, said. "For more than three decades, he has contributed as a scientist, educator and administrator. Even now, his work in international agriculture is invaluable. Renaming the research center for him is a fitting tribute to his work."

The research center of 1,500 acres is located along Route 45, nine miles from the University Park Campus. It is the site of the annual Ag Progress Days exhibition, the Pasto Agricultural Museum and the Clark Kerr Apple Museum. The center comprises the horticulture, agronomy, plant pathology and entomology research farms and a

USDA Regional Pasture Laboratory research facility.

"Dr. Larson was the driving force behind the establishment and development of the Rock Springs Research Center," Dean Hood said. In addition to serving as provost and dean, Dr. Larson was director of the Agricultural Experiment Station from 1969 to 1972 and director of Penn State Cooperative Extension from 1971 to 1972.

He was head of the Department of Horticulture from 1952 to 1962 and chairman of the Division of Plant Sciences and Industry from 1962 to 1963 while he also served as associate dean and director of cooperative extension.

A fellow of the American Association for the Advancement of Science and the American Society for Horticultural Science and a member of many other honor and professional associations, has served as an agricultural consultant to USDA, the Rockefeller Foundation Mexican program, and to Argentina and Costa Rica. He currently is vice president of the Board of Directors of the Pennsylvania Research Corp.

Nominations of seniors sought for awards

Nominations of outstanding University seniors are being sought for three annual awards named for former presidents of the University -- the Eric A. Walker Award, the Ralph Dorn Hetzel Memorial Award and the John W. Oswald Award.

The Walker Award recognizes a senior whose activities and achievements have enhanced the public esteem and renown of the University.

The winner will receive an engraved Eric A. Walker plaque, for which funds have been contributed by Dr. Walker. Also, the name and date of graduation shall be placed on a large trophy remaining on permanent display at the University.

The Hetzel Award recognizes the achievements and potential of outstanding undergraduate students who have demonstrated the qualities of responsible leadership during their college careers and show promise of public spirited achievement in the future.

Financial support for the award comes from funds contributed by Estelle H. Hetzel in memory of her late husband. The

recipient shall receive a scroll and a monetary award.

The John W. Oswald Award recognizes those graduating seniors who have provided outstanding leadership in at least one or more of the following areas at the University: scholarship, athletics, social services, religious activities and student government; journalism, speech and the mass media, and the creative and performing arts.

The recipient of the award shall receive a John W. Oswald medalion recognizing the recipient's leadership. The financial support for this award was received from members and alumni of Omicron Delta Kappa National Honor Leadership Society, Laura Crown Circle.

The awards will be presented at the Awards Convocation Sunday, April 8, in Eisenhower Auditorium.

Nomination forms are available at the HUB and Kern desks or the Division of Student Programs Office, 215 Eisenhower Chapel, at University Park. They are due in the Division of Student Programs Office by Feb. 12.

Focus on the arts

Film festival winners

The winners of the 1989 Bucks County Film Festival National Independent Film Competition will be shown at 8 p.m. Thursday, Jan. 18 in Room 112 of the Kern Graduate Commons at University Park.

The avant-garde films to be shown are the 1989 award winners in these categories: Best Documentary Film, Best Narrative Film, Best Animated Film, and Best Art/Experimental Film. The program is 2 1/2 hours in length.

The arts on Channel 3

"Seize the Day," an adaptation of Saul Bellow's modern classic airing at 1 p.m. Sunday, Jan. 21, on *Great Performances*, is the first work of this prominent American author to find its way to film.

Filmmaker Ken Burns' *In Conversation* airing at 2:30 p.m. Sunday, looks at how the film artist uses natural-light cinematography and the nation's finest actors to create a chorus of voices that make a past era of American history come alive.

American Playhouse will kick off a new season of programming with the world premiere of "Sensibility and Sense," a play by Richard Nelson about three people who have been friends for more than 50 years, only to discover that they have never really "known" each other.

The drama, which stars Tom Aldredge, Jean Simmons and Elaine Stritch in the three pivotal roles, will air at 9 p.m. Wednesday, Jan. 24.

Painter to lecture

Luis Cruz Azaceta, an expressionist Cuban painter will give a talk on "Recent Work" at 1:30 p.m. Tuesday, Jan. 23 at the Palmer Museum of Art at University Park.

Mr. Azaceta is the fifth artist to participate in the Visiting Artists program sponsored by the School of Visual Arts. A political refugee from Cuba, he concentrates on the themes of religion, alienation, oppression, death and victimization as icons for the human condition.

His paintings and prints are presented in New York and Chicago by Franklin Adams Gallery. His work has been shown at the Museum of Modern Art in New York, the Museum of Contemporary Hispanic Art, the Houston Museum of Fine Arts and the Metropolitan Museum of Art.

The artist will be at University Park Jan. 22 and 23. He will meet with the Visiting Artist Seminar Class at 7:30 p.m. Monday and Tuesday, Jan. 22 and 23, in the Scholars Lounge, 215 Wallard Building. All events are open to the public.

Trumpet ensemble

The Penn State Trumpet Ensemble will perform in concert at 12:10 p.m. Thursday Jan. 25, in Eisenhower Chapel at University Park. The 20-minute concert is part of the spring Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The program will include "Sonata for 7" by Biber, "Music for Five Trumpets" by Reynolds and "Canonical Trilogy" by Tull.

The Trumpet Ensemble consists of 14 trumpet players, most of whom are undergraduate and graduate majors in the School of Music. It is directed by Robert Howard, School of Music faculty member.

Del'Arte Quintet

The Del'Arte Quintet will present a wind chamber music performance at 8 p.m. Thursday, Jan. 25, in the Recital Hall of the Music Building at University Park.

The program will feature the piano quintets of Mozart and Beethoven with pianist Michael Steinberg.

As the ensemble-in-residence in the Music Department of the University of



Stephen C. Foster, curator of 'The Avant-Garde and the Text,' will discuss the exhibition at 8 p.m. Jan. 31 in the Palmer Museum of Art.

Delaware, the Del'Arte Quintet brings a unique tradition of wind chamber music from the 18th century to the present. They perform a variety of music, often with guest artists, in settings that range from the concert hall to the school classroom.

Quintet members are flutist Eileen Grycky, oboist Lloyd Shorter, clarinetist Charles Salinger, hornist Francis Orval and bassoonist Jesse Read.

World debut work

Penn State is one of three presenters to host a world debut work by Pilobolus Dance Theatre and the Pittsburgh New Music Ensemble.

The contemporary dance troupe will give an exclusive live performance with their musical collaborators when Pilobolus comes to University Park's Eisenhower Auditorium at 8 p.m. Saturday, Jan. 27.

The new work by Pilobolus and the Pittsburgh New Music Ensemble is tentatively called "Inside the Careening." The Pittsburgh Dance Council commissioned the piece at a cost of \$87,500 and is hosting its premiere on Jan. 19 at the Benedum Center in Pittsburgh.

The 22-minute work features four male dancers and is described by artistic director Jonathan Wolken as "a high energy piece." The new composition will be played by the 11 members of the Pittsburgh New Music Ensemble led by conductor and composer David Stock.

The Penn State presentation, which is part of the Pennsylvania Touring/Commission Project, is supported jointly by grants from the Pennsylvania Council on the Arts and the Pew Charitable Trusts, created with funding from the National Endowment for the Arts.

Tickets are available through the Eisenhower Auditorium Ticket Center, which is open weekdays, 9 a.m. to 4 p.m., and the Playhouse Box Office, open 11:30 a.m. to 5:30 p.m. Tuesday to Friday.

Cello and piano recital

Stephen Feldman, cellist, and Lynne Mackey, pianist, will perform a guest recital at 3 p.m. Sunday, Jan. 28, in the Recital Hall of the School of Music at University Park.

The program will include three sonatas for cello and piano by Debussy, Britten and Brahms.

A graduate of Swarthmore College with degrees in music and English literature, Mr. Feldman currently is a graduate assistant in strings at the Eastman School of Music. Ms. Mackey is a doctoral candidate in piano performance at the Eastman School of Music.

Evening of songs

Richard Kennedy, tenor, and member of the School of Music faculty, will give a

recital at 8 p.m. Sunday, Jan. 28, in the Recital Hall of the School of Music at University Park.

Pianist Betty Bullock of Washington D.C., will accompany Professor Kennedy. The program will feature songs by Beethoven, Brahms, Alban Berg, Vaughan Williams, Finney, Chantler and Geoffrey Bush.

Prior to his appointment to Penn State this year, Professor Kennedy lived in Boston where he performed extensively. Ms. Bullock currently is on the music staff of the Washington Opera and is the head of the accompanying staff of the American Institute of Musical Studies in Graz, Austria.

Trumpet concert

The Penn State Trumpet Ensemble will present a concert at 8 p.m. Monday, Jan. 29, in the School of Music Recital Hall at University Park.

The concert will feature the music of Bach, Biber, Stevens, Tull, Reynolds, Tomasi and Brindley. Special guest performers will include the B.L.T. Trumpet Trio and organist Patricia Lloyd.

The Penn State Trumpet Ensemble is composed primarily of School of Music students. The ensemble is under the direction of School of Music faculty member Robert Howard.

Bracken Lecture

William Cronon, professor of history at Yale University, will open the spring Bracken Lecture Series with a talk on "Ecology and Empire: Environmental Change in Colonial New England" at 8 p.m. Tuesday, Jan. 30, in 129 Waring Commons at University Park. The lecture is sponsored by the Department of Landscape Architecture.

Dr. Cronon's book, *Changes in the Land: Indians, Colonists, and the Ecology of New England*, published in 1983, has been hailed as a path-breaking study of ethno-ecological history and an interdisciplinary synthesis of ecological and cultural history. It has had an important impact on the study of environmental history in the United States and abroad.

Dr. Cronon was a Rhodes Scholar who earned his Ph.D. at Oxford. He was a recipient of a MacArthur Fellowship in 1985 and recently was awarded the Yale College Prize for Distinguished Undergraduate Teaching. He is co-chair of the Students in the Environment Program at Yale.

Museum talk

Stephen C. Foster, curator of "The Avant-Garde and the Text," will discuss the exhibition at 8 p.m. Wednesday, Jan. 31, at the Palmer Museum of Art at University Park.

"The Avant-Garde and the Text," which runs through March 11, features textual



Richard Kennedy, tenor, will give a recital at 8 p.m. Jan. 28 in the Recital Hall of the Music Building.

works representing the avant-garde artistic movements of the early 20th century.

Dr. Foster received a master's degree from the University of Illinois in 1969 and his doctorate from the University of Pennsylvania in 1973. Currently, he is a professor at the University of Iowa and director of its Program for Modern Studies.

Chamber singers

The Penn State Chamber Singers will perform in concert at 12:10 p.m. Thursday, Feb. 1, in Eisenhower Chapel at University Park. The 30-minute concert is part of the spring Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The program will include selections from Hindemith's "Six Chansons" and Dvorak's "Nature Songs." The Dvorak will be sung in Czechoslovakian.

Rhythm and blues

"Rhythm and Blues: Black American Popular Music, 1945-1955," a Smithsonian exhibit of photographs celebrating the beginnings of this American musical tradition, is on display through Sunday, Feb. 18, in the HUB Formal Gallery at University Park.

Fifty-one photographs and descriptive text highlight the formative years of rhythm and blues, focusing in the early dance halls and theaters, ballad and blues singers, street corner groups, Black/African American records and radio, and the pop charts. The exhibition explores some of the industry's greatest contributors: Joe Turner, Louis Jordan and the Tympany Five, Fats Domino, Nat "King" Cole and the Orioles.

The pace of urban life and the promise of better times transformed the music of southern Blacks who migrated to America's cities in the 1940s. A new music, which was a hybrid of diverse styles, grew from swing, blues and gospel.

The exhibition was organized by the Department of Public Programs, National Museum of American History, Smithsonian Institution. It is traveling nationally under the auspices of the Smithsonian Institution Traveling Exhibition Service (SITES). At Penn State, the exhibit is sponsored by the Office of Unions and Student Activities and the HUB Galleries.

The HUB Formal Gallery is open from noon to 7 p.m. Monday through Thursday, noon to 5 p.m. Friday and Sunday and 11 a.m. to 5 p.m. Saturday. A lecture and lunch-time concerts will be scheduled to complement the exhibit.

HUB Craft Centre

The HUB Craft Centre at University Park offers a wide variety of activities to appeal to the diverse University and State College population, from children through senior citizens.

The youth program for children 8 years and older offers special children's classes and memberships. Classes for adults include pottery, quilting and patchwork, stained glass, watercolor, weaving and wheelthrown pottery.

Registration is on a first-come, first-served basis. Forms may be picked up and mailed or done in person in 312 Hetzel Union Building. For further information, call 863-0611.

New studies center

A new Center for Policy and Evaluation Studies in the Arts has been established at University Park.

The center, housed in the College of Arts and Architecture, will develop information through research and analysis to help legislators, educators and arts managers make policy decisions for the arts.

"There is no center in which a group of scholars has been organized to undertake a

(Continued on page 5)

University Park Calendar

January 18— January 28 Special Events

Thursday, January 18

Lecture, 10 a.m., Palmer Museum of Art. Richard Mayhew on "Careers in the Visual Arts."
Brown Bag Lunch/Film, noon-1:20 p.m., Palmer Museum of Art. "Dreams That Money Can Buy," Hans Richter, director.
Bach's Lunch, 12:10 p.m., Eisenhower Chapel.
Penn State Saxophone Quartet.

Friday, January 19

Academic computing meeting, 2 p.m., 141 Computer Bldg.
Geog. Coffee Hour, 4 p.m., 319 Walker. Debra Staussfogel on "The Evolutionary Synthesis: Possibilities for Human Spatial Systems."
Center for the Performing Arts, 8 p.m., Eisenhower Aud., New York City Opera National Company. *La Bohème*.

Sunday, January 21

Shaver's Creek, It's Sno Joke: You Can Survive Winter!, 1-3 p.m. Call 863-2000.
School of Music, recital, 8 p.m., Recital Hall.
Mark L. Lusk, trombone.

Monday, January 22

Comp. Lit. Luncheon, 12:15 p.m., 101 Kern.
Jeanne Kitchin, New Kensington on "Arthur and Merlin at Gloucestershire and York."
German Department Film Series, *Unter den Bruckeln*, 8 p.m., 101 Chambers.

Tuesday, January 23

School of Visual Arts, 1:30 p.m., Palmer Museum of Art. Luiz Cruz Azaceta, painter, on "Recent Work."

Wednesday, January 24

Talk, 8 p.m., Palmer Museum of Art. Jan Senbergs, Harvard Univ., on "Textbook or a Sense of Place: Diversity in Australian Contemporary Art."

Thursday, January 25

School of Music, 6 p.m., Recital Hall. Del'Arte Quintet.

Saturday, January 27

Shaver's Creek, paper making (grades 2-6), 1-3 p.m. Call 863-2000.
Center for the Performing Arts, 8 p.m., Eisenhower Aud. Pittsburgh Dance Theatre and Pittsburgh New Music Ensemble.

Sunday, January 28

Shaver's Creek, the unhuggables, 2-3:30 p.m. Call 863-2000.



The photo of Louis Jordan and the Tympany Five is part of *Rhythm and Blues: Black American Popular Music, 1945-1955* at the HUB Formal Gallery through Feb. 18.

School of Music, 3 p.m., Recital Hall. Stephen Feldman, cello; and 8 p.m., Richard Kennedy, voice.

Jeff Ballou, "Creative License," 12:30 p.m. Thursdays, with Asa Berlin and Pam Saulnier.

International Events

Fulbright Lecture Series

Thomas Jech, professor of math, will discuss current events in Czechoslovakia. 4 p.m., Jan. 24, Frizzell Room, Eisenhower Chapel.

Public Radio

WPSU-FM 91.1

"All Things Considered" Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m., Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m. "Obyedny Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubinstein. "Perspectives," 6-7:30 p.m. Wednesdays, with

Conferences

Continuing Education Keller Building

Jan. 24, Pennsylvania Bar Institute. Jerry Malsom, coordinator.

Seminars

Tuesday, January 23

Cerontology Colloquium, noon-1 p.m., 101 Health and Human Development East. Daniel J. Lago on "Pets and Wellbeing: Among the Elderly: A Summary of Several Studies." Chemistry Colloquium, 3:30 p.m., 55 Osmond Lab. Andrew G. Ewing on "Electrochemistry in Ultrasmall Environments: Capillary Columns and Single Cells."

Thursday, January 25

Polymer Science, 9 a.m., 301 Steidle. M.W. Kim. Exxon Research, on "Polymer Adsorption at the Solid/Liquid and Air/Liquid Interface." Physics Colloquium, 3:30 p.m., 117 Osmond Lab. Peter Feibelman, Sandia, on "First Principles Calculation of Surface Atom Energetics."

Ecology, 3:45 p.m., 111 Wartik. John Skelly on "Is Forest Decline Real in West Germany?"

Friday, January 26

American Statistical Association, State College Chapter, 1:30-4:30 p.m., 101 Kern. Panel discussion: "Bevare! Longitudinal Studies, the Pitfalls of Repeated Measures Analysis."

Exhibits

Chambers Gallery

Prints and books by art students at Univ. of New Mexico, through Feb. 10.

HUB Galleries

Art Alley Panels/Browsing Gallery:

"Scholarship Art Exhibit," through Jan. 27.

Formal Gallery:

"Rhythm and Blues: Black American Popular Music, 1945-1955," Smithsonian exhibit of photographs, through Feb. 18.

Kern Galleries

Helen Hungerford, "Portraits Plus," through Jan. 30. The French Revolver Machine, through Feb. 24.

Palmer Museum of Art

James Drake, *The Border/La Frontera*, through Jan. 21.
The Loti and Victor Smorgon Collection of Contemporary Australian Art, through Feb. 11. *The Avanti-Card and the Text*, through March 11.

Pattee Library

East Corridor Gallery: Screen Prints of State College, through Jan. 20.

Zoller Gallery

Graphic Design Alumni Exhibition, through Feb. 4.

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directory. Other messages are Weather-234, Arts Line-345, University Calendar-456.

Bookshelf

J. Madison Davis, associate professor of English at Penn State Erie, The Behrend College, is the author of *White Rock*, a murder mystery that deals with the white supremacy movement.

"It's considered bad taste to bring up the issues and realities associated with prejudice today," Dr. Davis said. "But the fact is that racial and religious disharmonies still exist, even in the north where they may be much more subtle — but as detrimental — as in the south."

White Rock opens in Pittsburgh, where private eye Dub Greenert is called upon to go undercover to investigate a "maybe murder" in New Orleans. The trail he follows leads him first to Erie in search of a

hired killer called "Castle" (a pseudonym for a member of an army of white supremacists called American Values Conservatory Nation), then to the racist group's northern Rockies stronghold.

Dr. Davis also is the author of *The Murder of Frau Schulte* and has written and compiled books of criticism on Edward Albee, Dick Francis, Robertson Davies and Stanislaw Lem.

The Social Sciences: A Cross-Disciplinary Guide to Selected Sources has been published by Libraries Unlimited, Englewood, Colo., as a cooperative effort by 12 faculty members of the University Libraries.

Edited by Nancy L. Heron, associate librarian, McKeesport Campus, the work has been advertised as "a clear straightforward approach to the literature

of the social sciences allowing for fast and easy access to the best resources in the various disciplines of the social sciences."

The text, designed for use by scholars, library professionals, and students of library science, has a chapter arrangement by discipline and begins with a treatise describing the reference environment for that discipline. Resources, judged to be the best in the field, are described with lengthy annotations. Online and electronic information sources are integrated throughout the text.

Charles Heuser, associate professor of horticultural physiology, and Richard

Stinson, professor of agronomy education and horticulture, are co-editors of *Nursery Production* — Second Edition.

The revised textbook includes the basics of the plant nursery production industry as well as new developments since the book's first edition in 1971.

Nursery Production — Second Edition was a joint effort between the College of Agriculture and the Pennsylvania Nurserymen's Association. The book is intended for secondary and post-secondary instruction as well as employee development programs. Its 14 chapters were authored by 12 professionals from five institutions of higher education. The text was reviewed for practical accuracy by 20 prominent members of the Pennsylvania Nurserymen's Association.

Highly illustrated, the textbook includes information on precision production planning, new cultural techniques, pesticide safety, marketing, record keeping and inventory control. The use of computers as an informational tool, an adoption that has

greatly affected the nursery industry, is a notable change addressed in the second edition.

Drs. Heuser and Stinson have edited both the student's and the teacher's versions of the textbook. Each chapter in the teacher's version includes a section of suggestions for teaching the unit, review questions and a "skills performance evaluation" form for both formative and summative evaluations of student performance.

William G. Tierney, associate professor of

education, is the author of *Curriculum Leadership: Democratic Vision. Transformative Leadership in Higher Education*.

The book, published by Praeger Publishers, considers how institutional curricula can act as a critical agent for preparing students to participate in the democratic public sphere. Through an analysis of seven ethnographic case studies, the author demonstrates how the curriculum is a cultural product that institutions socially construct.

"This book offers a different way of thinking about the curriculum in postsecondary education than has been customary," Dr. Tierney said. "Rather than assume that we should reach a consensus about requirements for curricular issues, such as general education or foreign languages, the central aspect of the curriculum in higher education should be the democratic imperative. Democracy as an organizing principle helps focus institutional discourse and promote academic freedom."

Focus on the Arts

(Continued from page 4)

comprehensive, organized and cooperative analysis of arts and arts education policy and to evaluate programs related to the arts." Brent Wilson, director of the new center and head of the art education program in the School of Visual Arts, said.

Dr. Wilson said one of the first areas the center will address is the lack of a policy for arts education at the national level. He also noted that funds from the National Endowment for the Arts are targeted for state arts agencies, rather than to education agencies.

In addition to government funding policies, the center plans to undertake

studies that address policies, practices and beliefs of state arts consultants; politicians' priorities; the social, artistic and aesthetic consequences of funding decisions; arts advocacy efforts; audiences for the arts; arts in higher education; and testing policies and practices in arts education.

The center staff also will develop relationships with legislators in Washington and offer counsel to them, as well as to state legislators and policymakers.

Associate directors for the new center are Harlan Hofia, associate dean for research and graduate studies in the College of Arts and Architecture, and Clyde McGeary, division chief for the arts and sciences in the Pennsylvania Department of Education.

Appointments



Rodney A. Erickson

Rodney A. Erickson has been named head of the Department of Geography, succeeding C. Gregory Knight who is now provost and dean of undergraduate education.

Dr. Erickson has been a member of the College of Earth and Mineral Sciences faculty since 1977 when he came to Penn State as an assistant professor of geography. He was named associate professor in 1979 and professor of geography in 1984. He is concurrently professor of business administration, associate director of the Division of Research in the College of Business Administration and director of its Center for Regional Business Analysis.

He holds B.A. and M.A. degrees in geography from the University of Minnesota and Ph.D. in geography from the University of Washington. Before coming to Penn State, he served as assistant professor of urban and regional planning at the University of Wisconsin.

In 1982, he received a Fulbright Senior Research Scholar award and was named a Simon Senior Research Fellow at the University of Manchester, U.K. In the past academic year, he has served as American Statistical Association and National Science Foundation Research Fellow at the U.S. Bureau of Census.

His teaching and research focuses on urban and economic geography, and he has published widely in his areas of special research interest: international trade flows and business investment, regional economic analysis, the locational behavior of commercial and industrial firms and regional economic development policies.

Among his professional associations, Dr. Erickson is a councilor of the American Geographical Society, a member of its executive committee and committee on program priorities. He has served on a number of committees of the Association of American Geographers and is now chairman-elect of the Industrial Geography Specialty Group. He also has served as a member of the board of directors and executive committee of the Association for University Business and Economic Research.

In his work in the College of Business Administration, Dr. Erickson has been



William J. Kraemer

active in the development of the college's research program and directs the publication of the monthly Pennsylvania Business Surveys and the provision of data and public commentary on business and regional economic issues.

William J. Kraemer has been appointed director of research in the new Center for Sports Medicine. He will hold the academic rank of associate professor of applied physiology in the Department of Exercise and Sport Science.

Dr. Kraemer will coordinate the center's program of research, focusing on sports performance; the prevention, treatment, and rehabilitation of sports injuries; and the role of exercise in enhancing health.

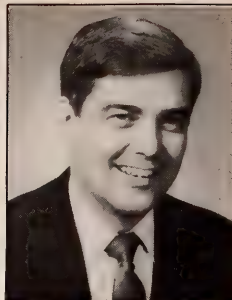
He had been academic coordinator of sports medicine programs at the University of Connecticut. He also was director of exercise biochemistry in that school's Human Performance Laboratory, and strength and conditioning consultant for the athletic department.

His research focuses on the effects of exercise, particularly resistance training, on the neuroendocrine system and on muscle tissue growth. He has conducted both basic and applied research, and his studies have focused on people ranging from cardiac patients to elite athletes.

He is the current president of the National Strength and Conditioning Association and holds Fellow status in the American College of Sports Medicine. He is senior editor of the *Journal of Applied Sport Science Research* and co-author of a textbook published by Human Kinetics Publishers: *Designing Resistance Training Programs*. Before joining the University of Connecticut in 1987, he was a research physiologist with the U.S. Army Research Institute of Environmental Medicine, Natick, Mass.

He holds a B.S. with honors in physical and health education from the University of Wisconsin-Lacrosse, an M.S. in exercise physiology from the University of Wyoming and a Ph.D. in physiology and biochemistry from the University of Wyoming.

Research is one of three related missions of the new center, which was established in



Jack P. Royer

spring 1989 as a collaborative venture of the College of Health and Human Development, College of Medicine, and Department of Intercollegiate Athletics. The center also has responsibility for providing medical care for Penn State's 28 varsity sports teams and continuing education programs for professionals in the field.

Jack P. Royer, director of academic affairs at Penn State Fayette Campus, has been appointed associate dean for undergraduate education. Dr. Royer, who holds the academic rank of associate professor of natural resource policy, assumed his new duties Jan. 1.

A native of DuBois, Pa., and a product of the Commonwealth Educational System, Dr. Royer graduated from Penn State with a B.S. degree in forest technology. He received an M.S. in environmental systems management from American University and a Ph.D. in natural resources from Cornell University.

He joined the Duke University faculty as an instructor and research associate in the School of Forestry and Environmental Studies in 1978 and was promoted to assistant professor in 1980. He served as acting director of Duke's Center for Resource and Environmental Policy Research from 1986 to 1987 when he joined the Fayette Campus faculty.

He has been a member of a number of campus and University committees.

At Fayette, he has chaired the Campus Enrollment Management Task Force and the Advising/Counseling Coordinating Committee, and was a member of the Planning and Budgeting Task Force, Physical Plant Planning and Space Utilization Committee, Academic Affairs Committee of the Faculty Senate and the Campus Hearing Board.

Universitatively, he chaired the Council of Directors of Academic Affairs and was a member of the University Task Force on Faculty Development, CES Academic Administrative Review, President's Council on Undergraduate Recruitment and Retention, President's Strategic Study Group on Continuing Education, and the Commonwealth Educational System English



James M. Wagner

Workload Committee.

The recipient of U.S. Forest Service research grants, Dr. Royer is the author of numerous articles in professional journals. A member of Phi Epsilon Phi, national botanical honorary, and Xi Sigma Pi, national forestry honorary, he was named Faculty Member of the Year in 1983 at Duke University's School of Forestry and Environmental Studies.

The Board of Trustees has approved the promotion of **James M. Wagner**, associate vice president for business and operations, to the position of vice president for business and operations.

Mr. Wagner assumed administrative responsibility for the University's business and operations activities last January from George Lovette, who retired from Penn State in June 1989.

"Mr. Wagner has done an outstanding job of overseeing the activities of a wide variety of business operations during an extremely active year at Penn State," Steve A. Garban, senior vice president for finance and operations, said.

The units reporting to the Office of the Vice President for Business and Operations are Physical Plant, Housing and Food Service, Environmental Health and Safety, Human Resources, Business Services, Purchasing, Management and Systems Engineering, Nittany Lion Inn, and the recently formed Recreational Services Division consisting of University Bookstores, Golf, Bowling, Tennis, Ice Rink and Stone Valley operations.

Mr. Wagner came to Penn State in 1966 when he joined the Office of Human Resources. He served in a number of assignments before assuming responsibility for that unit in 1985 when he became assistant vice president for human resources. He has been in the Office of Business and Operations since 1987.

He holds a B.A. from Indiana University of Pennsylvania and a master's degree in higher education administration from Penn State. He is a trustee of Centre Community Hospital, a member of the Healthpass Board of Directors, and is a retired colonel in the U.S. Army.

Appointment of Distinguished Professors announced

The Office of the President has announced the appointment of 23 Distinguished Professors. The establishment of the new title was recommended by the University Faculty Senate, in April 1988, "to recognize a limited number of outstanding professors, regardless of campus location."

Recommendations were made to the Office of the President by the dean of each college, following a review of the nominations by a college committee. The criteria for the title are that the recipients must be full professors and must display "an exceptional record of teaching, research and/or creativity, and service."

Colleges participating in the first round

of nominations were Arts and Architecture, Business Administration, Education, Engineering, Health and Human Development, Liberal Arts, Medicine, and Science.

The recipients are:

Gerard J. Braut, professor of French; **W. Dale Brownawell**, professor of mathematics; **Moses Chan**, professor of physics; **Clifford C. Clogg**, professor of sociology; **Judith F. Dunn**, professor of human development, and director, Center for the Study of Child and Adolescent Development; **Anthony J. Ferraro**, professor of electrical engineering; **Stephen J. Fonash**, professor of

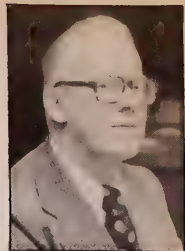
engineering sciences, and director, Center for Electronic Materials and Processing; **Helmuth Hager**, professor of art history; **Edwin L. Herr**, professor of education and head, Division of Counseling and Educational Psychology and Career Studies; **Robert Hume**, professor of English; **Ronald P. Keiper**, professor of biology (Mont Alto); **Roberta Kevelson**, professor of philosophy (Berks Campus);

Joseph J. Kockelmans, professor of philosophy; **Kenneth K. Kuo**, professor of mechanical engineering; **George Mauner**, professor of art history; **James C. McKeown**, professor of accounting; **John R. Nesselrode**, research professor of

human development and director, Center for Developmental and Health Research Methodology; **George D. Rose**, professor of biological chemistry;

Barbara M. Shannon, professor of nutrition, and director, Nutrition Center; **William Steele**, professor of chemistry; **Tien T. Tsong**, professor of physics; **Donald J. Willower**, professor of education; and **Clifford W. Zwillich**, professor of medicine and chief, Division of Pulmonary Medicine/Critical Care Medicine.

25-year award recipients



Observing 25 years of service at the University are, from left, Robert M. Hetrick, Blair County extension agent; Rosemary Kasubick, senior accounting clerk, University Libraries; Marjory J. Resides, secretary A, and Darlene M. Ripka, clerk publications A,

both in the College of Education; Frank Yatsko, assistant professor of engineering, Penn State Worthington Scranton Campus.

Faculty Senate News

The University Faculty Senate will meet at 1:30 p.m. Tuesday, Jan. 23, in Room 112 Kern Graduate Building at University Park.

Items discussed at the Nov. 7 Senate meeting:

- Review of the Towers Building Rental Agreement
- President's Planning and Budget Advisory Committee
- Status of Plans to Develop a Research Park

- Summary of Petitions for Academic Renewal
- Effective Dates of Senate Legislation
- Annual Report on Extended Degrees

At the next meeting:

- Penn State's Affiliation with the Western Intercollegiate Conference (Big Ten)
- Revisions to 47-40 Rule
- Personal Access Code (PAC) Option
- Status of Construction Projects

- Air Conditioning Procedures
- University General Education Subcommittee Legislation
- Continuing Education
- Program Definitions
- Pennsylvania Education Partnership Program
- Research and the Graduate School
- Undergraduate Education in the '90s
- Faculty Census Report



Celebrating milestones in Executive Education are, back row from left: Kent Addis, assistant director of the Keller Conference Center; Albert A. Vicore, assistant dean and director of executive programs; Earl P. Strong, founder of the Penn State Executive Programs; and J.D. Hammond, dean of the College of Business Administration. Front row from left: Dorothy Mihelic, former assistant to Dr. Strong, and Mid Strong.

Celebrate 10,000th participant Executive Programs ceremonies

The University's internationally known Executive Programs celebrated its 75th Executive Management Program and its 10,000th program participant at ceremonies last month.

Specialty honored was Earl P. Strong, Penn State emeritus professor of management, the founder and first director of the Executive Programs.

Forty business people took part in the first Executive Management Program when it was held in the Beta Theta Pi house at University Park more than 33 years ago. The program was then one of the first of its kind in the United States.

Today, the Penn State Executive Programs has diversified from a single offering into 25. Under the leadership of Albert A. Vicore, assistant dean and director of executive programs, the programs attract more than 800 upper-level managers each year from across the country and from nearly 40 nations. Penn State is

one of world's largest providers of executive education programming and is internationally recognized as a leader in the field.

Dr. Strong joined the University in 1954 as a former professor of management at the University of Illinois. With a mandate to develop an executive management program at Penn State, he also was appointed director of the Bureau of Business Research. He retired in 1970.

Carpooler

Mike would like to carpool from Phillipsburg to University Park. He works from 7:30 a.m. to 4 p.m. and can be reached at 863-0278.

Huck gift

(Continued from page 1)

The Dorothy Foehr Huck Chair in Nutrition will enhance the College of Health and Human Development's already nationally recognized work in this field. The Huck chair will emphasize research into the relationship between diet, disease and healthy living.

The J. Lloyd Huck Chair in Natural Sciences will be created in the College of Science. The chairholder's research and teaching will contribute to a better understanding of the life processes. He or she also will work closely with scholars in such fields as agriculture, biotechnology, food science and disease control.

The Dorothy Foehr Huck Chair for Special Collections will help to build and maintain this component of the University Libraries. Special collections are an important resource for scholars worldwide and play an important role in attracting new faculty, especially in the humanities, to Penn State. The Huck chair is the University Libraries' first endowed faculty position.

Each faculty chair currently requires a million-dollar endowment. Remaining funds will establish the J. Lloyd and Dorothy Foehr Huck Graduate Fellowship. These

awards will not be tied to specific disciplines and are expected to have the greatest impact in the humanities, liberal arts and fine arts - fields where corporate and government support is traditionally weak.

The Hucks are members of Penn State's class of 1943. Mr. Huck began his career as a research chemist. In 1958 he joined Merck & Co. as director of marketing and retired as the firm's chairman of the board in 1986. That same year he became chairman and chief executive officer of Nova Pharmaceutical, a development-stage biotechnology concern. He is a past president of the Penn State Alumni Council and is an Alumni Fellow of the colleges of Medicine and Science.

Mrs. Huck is a home economics graduate and was active in the Gamma Phi Beta sorority and the Alpha Lambda Delta scholastic organization.

The Hucks have been active in The Campaign for Penn State. Mr. Huck chaired the Campaign's biotechnology leadership committee, which raised more than \$2 million for the University's new Biotechnology Institute. He also is a member of the Campaign Executive Committee. Mrs. Huck is a member of the University Libraries' development advisory board.

In 1988 the Hucks gave Penn State \$2 million, half of which went for the Biotechnology Institute's building fund. The remainder elevated a professorship in medicine to a chair and created an acquisitions fund for the Libraries.

Trustee officers

(Continued from page 1)

member of the board since 1976, when she was elected by the alumni to her first three-year term. Past president of the board of the University Renaissance Scholarship Fund, she received the College of the Liberal Arts Alumni Society Service to Society Award in 1984 and the Lion's Paw Medal Award in 1985.

She also is the recipient of the Pennsylvania Small Businessperson of the Year award from the U.S. Small Business Association, the Award for Distinguished Service to State Government of the National Governors' Association, the Distinguished Pennsylvania award of the Philadelphia Chamber of Commerce and the Kiwanis Club Award for Community Service, among other honors.

She is chairperson of the board of governors for the Centre County

Community Foundation and a member of the board of directors of the Pennsylvania Humanities Council, the Pennsylvania Commission for Women and the Pennsylvania Chamber of Commerce, as well as other organizations.

As a Penn State trustee, she has chaired the Distinguished Alumni Award Selection Committee, the Affirmative Action Committee and the Educational Policy Committee, and has served on various other board committees. A founding member of Back the Lions, she also is a member of the Friends of the Palmer Museum of Art and a life member of the Alumni Association.

Other board officers include President Jordan, who remains ex officio secretary of the board, and the following, who were re-elected to one-year terms:

Steve A. Garban, senior vice president for finance and operations and treasurer - treasurer of the board; **Raymond D. Nargi** - associate treasurer; **David E. Brangan** - assistant treasurer; **Grace T. Younginger** - associate secretary of the board; and **Carolyn A. Dolbin**, administrative assistant to the president, and **Joseph F. Krawiec**, director of systems and administrative services - assistant secretaries of the board.

Nominations being sought for faculty/staff awards

President Jordan has appointed a general committee chaired by **Billie S. Willis**, assistant vice president for human resources, to solicit nominations for the Faculty/Staff Achievement Awards -- the McKay Donkin Award, the John E. Wilkinson Award for Administrative Excellence, the Barash Award for Human Service, and the Penn State Equal Opportunity Award.

Four subcommittees will screen nominations and develop recommendations for the respective awards. Members are:

- Wilkinson Award Subcommittee: **Nancy M. Tischler** (chairperson), **David E. Branigan**, **Nancy M. Cline**, **Gary M. Kelsey**, **Jill Findeis** and **Daniel L. Trevino**.

- Donkin Award Subcommittee: **Robert N. Pangborn** (chairperson), **James M. Elliott**, **John A. Brighton**, **Deborah F. Atwater**, **Victor L. Dupuis** and **Richard Mayhew**.

- Barash Award Subcommittee: **Gary C. Schultz** (chairperson), **Victoria Y. Fong**, **Sidney W. Friedman**, **David B. Lee**, **Christine M. DeLauter** and **Scott A. Samter**.

- Equal Opportunity Award

Subcommittee: **Emilia E. Martinez-Brawley** (chairperson), **Janita A. Haddad**, **Jeannette Morales**, **James W. Locker**, **W. Terrell Jones** and **Brenda G. Hamelster**.

Nominations for the 1990 awards are encouraged from University and local community organizations and individuals. Nominators should contact the Office of Human Resources at 865-1412 to request a copy of a standardized format for submitting nominations. Nominations should be sent to **Billie S. Willis**, Box 6 Rider Building, no later than Feb. 7. Supporting information which accompanies nominations should be as brief as possible.

The McKay Donkin Award was established in 1909 in honor of the late McKay Donkin who served as vice president for finance and treasurer of the University from 1957 to 1968. The award, which consists of a \$500 stipend and a certificate, is presented to the full-time member of the faculty or staff or the retiree who has contributed most to the "economic, physical, mental, or social welfare of the faculty" of the University.

The contribution of the nominee should be for duties or services which are above

and beyond his or her regularly assigned duties.

The John E. Wilkinson Award for Administrative Excellence was established in 1970 by friends of Mr. Wilkinson, a lifelong Centre County businessman. The award, which carries a stipend of \$500, is made annually to a member of the staff of the University whose performance methods and achievements exemplify administrative excellence.

The Barash Award for Human Service was created in 1975 by the family of the late Sy Barash. It is an annual award to a full-time member of the faculty, staff, or student body of the University at University Park who has contributed most, apart from regular duties, to human causes, public service activities, and organizations, or the welfare of fellow humans. These human service activities must have been performed in University Park, the Borough of State College, College, Patton, Harris, or Ferguson Townships.

Any full-time person at the University Park Campus who meets the criteria for the award as previously described is eligible for consideration. The award carries a stipend

of \$1,000.

The Equal Opportunity Award is designed to recognize a University faculty or staff member who promotes the concept of equal opportunity through affirmative action and/or contributes to enhancing the educational environment of the University through improving cross-cultural understanding.

The award, consisting of a \$1,500 stipend and certificate, is given in recognition of meeting one or more of the following criteria:

- demonstrated commitment to the spirit of equal opportunity through affirmative action;

- demonstrated leadership in the elimination of discrimination through encouragement of understanding between persons of different races, sexes, age groups, ethnicity, or religious heritage;

- demonstrated commitment to meeting the special needs of students, faculty, or staff who are members of traditionally underrepresented groups.

To be eligible for the award, full-time University faculty and staff must have at least two or more years of active service.

Buildings are put on-line for recycling

The fourth group of University Park Campus buildings went on-line in the recycling program on Jan. 15.

The buildings are South Halls, Atherton Hall, Grange, Headhouse 1 and 3, Central Landscape Depot, Mitchell, Palmer Museum of Art, Patterson, Pavilion Theatre, Pine Cottage, Schwab Auditorium, Spruce, Tyson, Paul-Robeson Cultural Center and Weaver.

So far, more than 15 tons of paper and more than three tons of containers have

been collected, according to Phil Melnick, manager of support operations and special programs for the Physical Plant. The recycling program has been in operation for two months.

Initially, there will be two separations: one for paper and one for containers. The rest will be considered non-recyclable trash and discarded as usual.

Recyclable paper includes white ledger paper (writing, typing and copy), newspaper, computer printout and

corrugated cardboard. Containers include clear, green and amber glass, aluminum cans, plastic soda bottles, plastic milk and water jugs, and steel and tin metal cans.

The janitorial employees and a network of select individuals in each building have had a more detailed orientation, and they will be assisting with the program in their departments.

Information on the University Park program is available by calling the Recycling Hotline, 865-8000.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling.

The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in positions MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 865-0304.

(NETWORK LINE 433-0304) Applications for these staff vacancies will be accepted until Jan. 25. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment Practices (FS-1) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

- **College of Health Nurse, Student Services, University Health Services, University Park Campus** - Responsible to nurse manager for providing nursing services in the outpatient department, observation unit and urgent care clinic and for assisting licensed physicians in patient care. Requires graduation as an accredited nursing program and current licensure in Pennsylvania as a

registered nurse; plus six to nine months of effective experience. Past experience working in an emergency room setting or as an ambulatory care clinic is desirable. Proficiency in IV administration and physical assessment is highly desirable. THIS IS A FULL TIME, CONTINUING 11-MONTH POSITION WITH DAY AND EVENING ROTATING SHIFTS.

- **Merchandise Assistant, Penn State Bookstore.**

Responsible for the effective operation of a specialized division within the bookstore; select, recommend for purchase and merchandise products; develop and maintain liaison with vendors; train and supervise full-time and part-time clerical personnel. Requires associate degree or equivalent, plus one to two years of effective experience in retail management. STAFF GRADE 4.

- **Coordinator, Surgical Fees, College of Medicine, The Department of Surgery, The Milton S. HERSHEY Medical Center** - Responsible to the director of Administration/Surgery for overseeing and coordinating the professional fee billing and systems within the Department of Surgery. Requires bachelor's degree or equivalent, six business plus one to two years of effective experience in a supervisory capacity. STAFF GRADE 6.

- **Neurophysiology Technician, University Hospital, Medicine Ancillary Services, The Milton S. HERSHEY Medical Center** - Responsible to the supervisor, Neurophysiology Laboratory, for conducting a variety of EEG studies and tests.

Requires high school diploma, or equivalent, completion of department-approved formal training or on-the-job training performing EEG studies, including Visually Evoked Response and Brainstorm Auditory Evoked Response Tests, and one to two years of effective experience. STAFF GRADE 3.

- **Programmer, Penn State Harrisburg** -

Responsible to designated project coordinator to participate in analysis, program design, coding, testing, documenting and other programming tasks required to produce reports, create logic statements, and maintain information files. Requires bachelor's degree, or equivalent, in computer science or related field plus six to nine months effective experience in computer programming. STAFF GRADE 5.

In addition, there are a number of positions that because of the frequency with which they become vacant are still available after employees in the work unit have been considered. Some such positions are available on a fairly regular basis. They are not announced each time they are open. Instead, they are announced periodically as a pool of interested candidates can be developed. Applications

for such positions may be made at any time and you are welcome to make your interest known to the Employment Division for further consideration when such vacancies occur. These positions are:

Position title	Location
Assistant Research Engineer	ARL
Associate Research Engineer	ARL
Research Engineer	ARL
Senior Research Engineer	ARL
Cardiology Technician	Hershey
Clinical Laboratory Assistant	Hershey
Clinical Laboratory Technologist (HEW)	Hershey
Clinical Nursing Specialist	Hershey
Cytotechnologist	Hershey
Hemodialysis Technician	Hershey
Licensed Practical Nurse	Hershey
Medical Technologist	Hershey
Nuclear Medicine Technologist	Hershey
Ophthalmic Technologist	Hershey
Perfusionist	Hershey
Pharmacist	Hershey
Physical Therapist	Hershey
Physician's Assistant	Hershey
Psychiatric Assistant	Hershey
Radiologic Technologist (Irr and Sr Lovelock)	Hershey
Respiratory Therapist Technician	Hershey
Staff Nurse	Hershey
Vascular Radiology Technologist	Hershey

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Reports from the January meeting of the Board of Trustees can be found on page 3.

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INTERCOM

January 25, 1990

Volume 19, Number 19

Information submitted for publication in *Intercom* is due by noon on the Thursday before publication.

Dr. Richardson is named president of Johns Hopkins

William C. Richardson, executive vice president and provost of the University, has been named the eleventh president of The Johns Hopkins University.

Dr. Richardson will leave Penn State May 25 and begin his presidency at Johns Hopkins July 1.

At a press conference Jan. 17 in

Baltimore, Dr. Richardson said,

"I am excited by the prospect of serving as president of such a dynamic institution. Its prospects are bright and its possibilities are virtually limitless. At the same time, of course, I am sorry to be saying goodbye to Penn State."

President Jordan said, "We all are enormously proud of the leadership role

Bill Richardson is assuming in his acceptance of the Johns Hopkins presidency. His high standards, superb talents and sensitivity to the academic community have been important to Penn State. We wish him the very best in what is an exciting new challenge for him."

According to George Radcliffe, chairman of the Johns Hopkins Board of Trustees, the board unanimously elected Dr. Richardson as president of the institution. He replaces Steven Muller who is retiring after an 18-year tenure.

Bill Richardson is a scholar, a researcher, a health policy expert and consultant whose advice is widely sought and esteemed in the national health sciences community," Mr. Radcliffe said.

"More than that, he is an educator... with a real love of students and a devotion to the academic enterprise. We at Johns Hopkins will now be the beneficiaries of the accrued experience and insight of Bill Richardson. I could not be more pleased with his selection as president."

In a statement, Dr. Richardson expressed appreciation for the support he has received from Penn State.

"The faculty and staff, the administration, the Board of Trustees and the local community all have been generous in their encouragement to us, particularly this year," he said.

"We leave Penn State with pride in its accomplishments, secure in knowing that its future is bright. The presidency Dr. Jordan will leave later this year is among the most attractive in the country. Penn State's challenge in finding a successor to President Jordan will be to choose the best candidate from a full and able field."

Dr. Richardson came to Penn State in 1984 from the University of Washington, where he was dean of the Graduate School and vice provost for research.

A graduate of Trinity College in Hartford, Conn., he received an MBA and Ph.D. from the Graduate School of Business at the University of Chicago.

(Continued on page 3)



William C. Richardson

President Jordan's statement

We all are enormously proud of the leadership role Bill Richardson is assuming in his acceptance of the Johns Hopkins presidency. His high standards, superb talents, and sensitivity to the academic community have been important to Penn State. We wish him the very best in what is an exciting new challenge for him.

The responsibility of ensuring the proper transition for the next administration falls to me and I plan to act accordingly. That responsibility now enlarges somewhat with Bill Richardson's departure on May 25.

In the next 30 to 60 days, I will be consulting with the Faculty Advisory Committee, the Council of Academic Deans and others regarding the person I shall ask to serve in the position of acting provost during the transition to a

new administration. That person will work alongside Dr. Richardson in order to be prepared to manage fully the provost's responsibilities.

Dr. Richardson and I have met and will continue to meet during these transitional months to be sure that our some projects such as the work of the President's Planning and Budget Advisory Committee, and the academic search, move forward in an orderly and timely manner.

Bill Richardson has been an extraordinary chief academic officer and executive of this University. I am personally grateful for the superb job he has done for Penn State and I know I speak for all of the University. He has our warmest wishes for a fulfilling tenure as president of the Johns Hopkins University.

Handbook addresses each phase of the hiring process

It's natural for job recruiters to fall into the habit of hiring people like themselves, but this practice can lead to a workplace with few women or minorities, according to **Jeann Landa Pytel**.

Dr. Landa Pytel, assistant professor of engineering science and mechanics, said that people have a tendency to perpetuate themselves. Since many job recruiters are white males, the workplace can become dominated by white males.

"It's not a conscious decision, but it is a human reaction for people to select others like themselves. This can lead recruiters to fall into the nonaffirmative trap. The result is that women and minorities may be excluded from jobs."

To help those at the University who do any hiring, Dr. Landa Pytel, as a member of the Commission for Women, worked with Commission members and others at the University to create a hiring handbook.

Hiring at Penn State, completed in 1987, was compiled in collaboration with the Office of Human Resources. The first printing of 500 copies was distributed to directors of academic affairs at the campuses, campus executive officers, deans, heads of administrative units and personnel representatives.

The handbook is now in its second printing, and a revised edition is planned for the future. **Jill Findeis**, chairperson of the Commission for Women, said,

"Our goal was to develop a consistent process for recruiting, interviewing and hiring, with built-in safeguards to help the people doing the hiring to be as affirmative as possible. The handbook can help hirers to guard against any unconscious biases," she said.

Using some examples from similar handbooks from other universities, members of the Commission for Women's Committee on Human Resources established a model for the hiring process. Dr. Landa Pytel, chair of the committee, said,

Working with the Office of Human Resources and the Affirmative Action Office, the committee collected information and organized it into a format that addresses each phase of the hiring process.

Some of the topics covered include developing a position description, establishing recruitment strategy and advertising, selecting finalists, reviewing reference letters, interviewing, evaluating applicants and making the final decision.

The handbook also lists an extensive affirmative action resource directory and suggests using different box numbers in addresses listed in advertisements to track the responses from ads placed in various publications. This method can help the recruiters evaluate the effectiveness of their ads in different publications.

In addition, the handbook assists recruiters by providing

details for a recruiting and hiring procedure designed to seek out a wide range of qualified people, including women, minorities, the handicapped and Vietnam-era veterans. It guides recruiters on giving fair and equal consideration to all applicants.

It also emphasizes the need for recruiters and hirers to be aware that they are representing the University, she said. Candidates should leave with a positive image of the University, even if they are not offered a job.

The handbook's appendices also include information designed to help in the orientation of new employees. Dr. Landa Pytel added,

Complementing the hiring handbook is a series of workshops and presentations offered by the Office of Human Resources that address the dos and don'ts of employment interviewing, resume writing, employment policies and procedures and affirmative action topics.

Robert L. Kidder, director of employment and development, Office of Human Resources, said that his office is available to help counsel those involved in the hiring process.

Copies of the hiring handbook are available from the office of the Commission for Women, 405 Old Main, 865-1683.

Focus on Diversity

Progress and regression in civil rights noted

Black African Americans have experienced both progress and regression in civil rights in recent years as illustrated by the election of a Black governor and the court's retreat on affirmative action decisions, according to a former chairperson of the Equal Employment Opportunity Commission.

"The contrast between signs of progress and regression has been illustrated in recent months alone. The resurgence of groups like the skinheads and violent acts like letter bombings are reactions to 50 years of civil rights progress," noted Eleanor Holmes Norton, professor of law at Georgetown University.

"At the same time," she added, "the state of Virginia elects a Black governor and New York City elects a Black mayor, both for the first time."

Ms. Norton was the keynote speaker for the 1990 Martin Luther King Day Convocation at University Park, which attracted more than 1,300 students, faculty, staff and community residents.

The address also was televised by WPSX-TV on the cable channel PENNARAMA and to other Penn State campuses around

the state.

Ms. Norton said that conflicts in civil rights may be due to the reaction of young people with no knowledge of civil rights history. She also noted that a recent trend of conservative affirmative action decisions by the U.S. Supreme Court has helped to cripple the civil rights movement.

As a result, she added, civil rights leaders must now look more to political leaders than to legal methods for assistance in their fight.

"The Supreme Court is no longer a friend of those who believe in equal rights, but the political system is opening up and despite the loss of the courts, I'm not pessimistic. I still believe in the American system, and if we can maintain the struggle in the way Dr. King taught us, we can make progress."

The first woman ever to head the federal EEOC, Ms. Norton was appointed by former President Jimmy Carter in 1977. While serving in that position, she won praise from employers, rights groups and the public for her work in developing equal employment law and policy. A co-author



Eleanor Holmes Norton

of the book *Sex Discrimination and the Law: Causes and Remedies*, she currently is writing a book about anti-discrimination law and affirmative action remedies.

Women of Color

The Central Pennsylvania Women of Color is seeking nominations for its annual awards for professional achievement and humanitarian/personal achievement. The awards are presented at the National Women of Color Day Luncheon on March 14.

Nominees should be either area women or WOC members. Final selections will be made by the WOC Representative Council. The deadline for submitting nominations is Jan. 31. For nomination forms, call Vicki Fong at 865-7517.

Hazleton program

Josh White Jr. will perform in a program of folk-blues and gospel music at 7:30 p.m. Monday, Feb. 5 in the Highcates Commons at the Penn State Hazleton Campus.

Whether accompanying himself on guitar, singing a cappella or with a symphony orchestra, Mr. White has performed his blues and gospel music on Broadway, at nightclubs and on concert stages both here and abroad.

His concert is one of a series of programs held at the campus in conjunction with Black History Month and the campus cultural diversity program.

WPSX-TV program

The *Cambridge Forum*, a discussion and interview program with leaders of the African-American community nationwide continues on Sunday mornings at 11 a.m. on Channel 3.

Eyes on the Prize II features "Power!" (1960-68) airing at 10 p.m. Monday, Jan. 29. The call for black power takes various forms across communities in black America.

Diversity Opportunities Calendar

Saturday, Jan. 27

Office of Minority Faculty Development, faculty development workshop, 9:30 a.m. to 12:30 p.m., 114K Kern Graduate Building, Emilia Martinez-Brawley, professor of social work, on "The Process of Being Published." For reservations, call Leah Witzig at 863-1603.

Monday, Jan. 29

Center for Women Students, 8 p.m., HUB Assembly Room, Contemporary Scholarship on Lesbian and Gay Lives Speaker Series: "Denaturalizing

Heterosexuality," Eve Kosofsky Sedgwick, Duke University.

Wednesday, Jan. 31

Penn State Erie, The Behrend College, 8 p.m., Reed Lecture Hall, Saud Live Jazz.

Thursday, Jan. 31

Black Studies Room, Pattee Library, exhibit, "Civil Rights Leaders: Where are They Now?", through Jan. 31.

Thursday, Feb. 1

Penn State York Campus, 1 to 3 p.m., Community Room, Student Center, teleconference, "Beyond the Dream II: A Celebration of Black History."

University Park, 1 to 3 p.m., 112 Kern, teleconference, "Beyond the Dream II: A Celebration of Black History."

Penn State York Campus, 7:30 p.m., Conference Center, Folk music by Josh White.

Penn State Erie, The Behrend College, 8 p.m., Reed Lecture Hall, Black History Month kick-off lecture titled "A Civil Rights Agenda for the 1990s" by Benjamin Hooks, NAACP executive director.

Through Feb. 10

Paul Robeson Cultural Center, art display by Penn State Alumnus Llewellyn Richie.

News in Brief

Financial aid seminar

A financial aid seminar will be held twice a month and on p.m. on Tuesday Jan. 30, in 323 Boucke Building at University Park.

Discussion will center around financial aid eligibility for the adult student. Many adult students are not receiving full financial aid packages, because of lack of knowledge. Call the Returning Adult Student Center at 863-3887 for more information.

Faculty regalia order dates set

The Penn State Bookstore on campus, in cooperation with the Jostens Cap and Gown Co., is offering faculty members a discount price on quality special order academic regalia. This offer also applies to doctoral candidates and quantity purchases by colleges or departments.

A special time has been set at the Bookstore for faculty members to be measured by a company representative to insure proper fit. Academic regalia orders will be taken at the Bookstore from 9 a.m. to 7 p.m. Wednesday, Jan. 31, and Thursday Feb. 1.

A wide variety of samples will be on display. A 20-percent deposit will be required, payable by personal check, money order, VISA or MasterCard. Allow six to eight weeks from the order date for delivery. Call Shirley Baney at 863-2512 for more information.

Graduate fellowships

The Penn State chapter of Phi Kappa Phi National Honor Society is inviting applications from outstanding senior

students for competitive fellowships worth up to \$7,000 for first-year graduate or professional study. Fifty of these prestigious fellowships will be awarded nationwide. Thirty additional honorable mention awards of \$500 will be made.

The criteria used in the selection process include scholastic achievement, high standardized test scores (if applicable), honors and enrichment programs, leadership and participation in university and community activities, expression of study plans and career goals, plus evaluations by faculty.

Graduating seniors with superior academic and leadership records should contact the Phi Kappa Phi representative Anita Helton at 863-4920 for information about applications. Applications must be received by Feb. 12.

Achieving Women Project

The Commission for Women plans to highlight the accomplishments of University women through the Achieving Women Project.

Information will be collected on women students, faculty, staff, clerical and technical service employees at all Penn State locations, and compiled into a booklet, which will be distributed at the commission's annual spring banquet on March 20.

For an application and guidelines, contact Shirley Smith Hendrick, chair of the outreach committee, (814) 863-2479. Nominations are due Feb. 20 and should be mailed to Achieving Women Project,

Commission for Women, 405 Old Main, University Park.

Noncredit course

Penn State Continuing Education will offer a noncredit course to help travelers who will be visiting Spanish-speaking countries to communicate simply but effectively.

The program will be held Tuesdays and Thursdays from March 13 through April 5 from 7 to 9 p.m. in the Keller Conference Center at the University Park Campus. Registration fee for the course is \$125 which covers instruction and materials.

To register, contact Penn State Continuing Education at 102 Wagner Building, University Park, phone 865-3443.

Grant awarded

Audrey Maretzki, professor of food science and nutrition, Cheryl Achterberg, assistant professor of human nutrition, and Eunice N. Askov, professor of education and director of the Institute for the Study of Adult Literacy, have received a \$71,977 grant from the College of Agriculture's Agricultural Experiment Station. The grant will fund a project designed to compare methods of teaching low-literate adults with dietary guidelines information.

Visiting professor

The Department of German has been awarded a Max Kade Distinguished Visiting Professorship, which allows a

prominent German scholar to teach one semester at an American university.

Under the program, Gunter Hantzschel, a specialist in modern German literature at the University of Munich, will teach two classes at Penn State in spring 1990. One will be an advanced undergraduate course in German literature, the other a graduate seminar.

Dr. Hantzschel has published extensively on the period of the German Enlightenment (1720-60), German romanticism and the social history of literature.

"This professorship will strongly support our teaching and research efforts and lead to closer ties between the major public university in Pennsylvania and German universities," Ernst Schurer, head of the University's Department of German, said.

Life Lion cited

Life Lion, the aeromedical service of the University Hospital at the Hershey Medical Center, was recognized for 1,000 consecutive accident-free missions at the 10th annual Association of Air Medical Services conference in Phoenix, Ariz.

MBB Helicopter Corporation presented the award to Life Lion, which has completed over 1,700 flights since its beginning in December, 1986. Life Lion is operated by Keystone Helicopter Services.

Faculty/Staff Alerts

Adult students course

Penn State Continuing Education and the Human Resource Development Center are offering University employees a course designed for adult students who want to improve their study and test preparation skills.

Study Skills: College Preparation meets Tuesdays and Thursdays, Jan. 23 to March 1, from noon to 1 p.m. in Room 323 Boucke Building. Topics covered in the course include setting goals, time management and organizational skills, taking lecture notes, test-taking strategies, managing test anxiety, adapting to the college experience.

The \$85 fee covers instructional costs and materials. To register, contact Penn State Continuing Education at 865-3443.

Conflict of interest

Disclosure of Potential Conflict of Interest by Employees or the University -- Employees of the University shall exercise the utmost good faith in all transactions touching upon their duties to the University and its property. In their dealings with and on behalf of the University, they shall be held to a strict rule of honest and fair dealings between themselves and the University. They shall not use their positions, or knowledge gained therefrom, in such a way that a conflict of interest might arise between the interest of the University and that of the individual.

Employees shall disclose to the administrative head of the college or other unit in which they are employed, or other appropriate superior officer, any potential conflict of interest of which they are aware before a contract or transaction is consummated.

U.S. Savings Bonds

Two separate actions by Penn State officials and the U.S. Congress have increased the attractiveness of investing in U.S. Savings Bonds.

A recent decision by the Office of Human Resources and the Office of the Corporate Controller has resulted in faster bond issuing and delivery to the nearly 2,000 individuals purchasing U.S. Savings Bonds through the payroll savings program.

Responding to requests from participants to reduce the time involved between the payroll deduction and the actual receipt of their bond, Penn State switched to a new bond issuing agent. Beginning in November 1989, Penn State has been ordering bonds through the Pittsburgh branch of the Federal Reserve Bank of Cleveland. Bonds

are mailed directly to participants within three days after Penn State's order is received.

Congress added a feature to the tax laws that could provide additional tax savings for many parents. Beginning with savings bonds purchased in 1990, the interest earned on Series EE bonds, already exempt from state and local taxes, may be completely tax free when used to pay tuition and fees at colleges, universities and qualified technical schools during the year they are redeemed.

To qualify bonds must be purchased by parents in their own names, and certain income limitations must be met at the time of redemption. A pamphlet outlining the program will be sent to all University faculty and staff in March as part of the annual savings bond promotion.

The University also is pleased to announce that President Jordan has accepted an invitation from Secretary of the Treasury Nicholas F. Brady to continue, for a second year, as national chair of the higher education sector of the U.S. Savings Bond campaign. In his role as national chair, Dr. Jordan encourages other college and university presidents to lend their support to the savings bond program.

Major medical claims

March 31 is the last date on which Prudential will accept charges for a major medical claim for University faculty and staff members or their dependents. A major medical claim is established when a faculty or staff member reports eligible charges to Prudential which exceed the deductible.

Charges that are acceptable for a major medical claim include doctors' office calls, prescribed drugs, private duty nursing (if medically necessary), local ambulance services, oxygen, physiotherapy, insulin and special equipment and appliances. Among charges not covered are routine physical exams, dental work, eye exams and lenses.

Itemized receipts should be obtained for eligible charges and submitted to Prudential with a claim form. In order to avoid delay of payment by the insurance company, all questions in the employee's section of the claim form should be completed fully.

Cancelled checks and cash register receipts are not acceptable evidence of charges incurred.

Claim forms and additional information on how to report a major medical claim are available at the Employee Benefits Division, Room 205 Rider Building, the Business Offices at locations other than University Park and the Human Resources Office at the Hershey Medical Center.

Arts and Sciences, Engineering, and Continuing Studies, based at the Homewood Campus in north Baltimore; the **Schools of Medicine, Public Health and Nursing**, based at the Medical Institutions in East Baltimore; the **Peabody Institute** a music conservatory in downtown Baltimore; and the **Paul H. Nitze School of Advanced International Studies** in Washington, D.C.

The Nitze School operates a European studies Center in Bologna, Italy, and a Center for Chinese and American Studies at Nanjing University in the People's Republic of China. The University also includes one research division, the Applied Physics Laboratory in Laurel, Md.

Carpooler

Trudy is looking for a ride in the evenings from University Park to Philadelphia around 8:10 to 9 p.m. Call 865-1203 or 342-4503.

Obituary

Harry O. Wilcox, retired Delaware County extension agent died Jan. 7 at the age of 92. He joined, extended July 1, 1933, and retired Oct. 1, 1958.



Gift of stock

Glenn R. Jones, left, president and chairman of the board of Jones International Ltd., presents a \$50,000 stock certificate to G. David Gearhart, senior vice president for development and university relations. The certificate represented stock in Jones Spacelink, a holding of Jones International. Mr. Jones visited Penn State last week for the broadcast of 'Communities and Our Schools: The Drug Crisis.' The program, which featured a panel of a dozen experts, was broadcast from the Pavilion Theatre to nine million people over 150 Jones International-owned cable channels. The broadcast was done through the efforts of WPSX-TV.

Research grant proposals are invited

Faculty with research interests in the life and health-related sciences (except for the Hershey Medical Center which is excluded by program guidelines) are invited to submit proposals to the Biomedical Research Support Grant (BRSG) program via research deans or the IRP director. The 12-month awards will range from \$5,000 to \$10,000 for individual investigators, and up to \$20,000 for more than one investigator on a project.

Preference will be given for support to new investigators, investigators proposing pilot projects, and investigators with unexpected research requirements. The

research proposed must be related to problems of human health.

Following a preliminary screening by the colleges or the IRP director, awards will be recommended by a University faculty peer committee. Final awards will be recommended by Charles L. Hosler, senior vice president for faculty and dean of the Graduate School. Faculty desiring further information should call their research deans or IRP directors.

The proposal deadline for submission to 114 Kern Building is March 23. Awards will be announced April 24.

Speaker to discuss 'Health and Human Rights' at symposium

Victor W. Sidel, past president of Physicians for Social Responsibility and of the American Public Health Association, will speak on "Health and Human Rights" Feb. 14 in the HUB Assembly Room at University Park.

PSR is the U.S. affiliate of the International Physicians for the Prevention of Nuclear War, which was awarded the 1985 Nobel Prize for Peace. Dr. Sidel, president of PSR in 1987-88, was one of the group's founders in 1961 and one of its representatives invited to attend the Nobel Peace Prize ceremonies in Oslo.

Dr. Sidel currently is Distinguished University Professor of Social Medicine at the Montefiore Medical Center of Albert Einstein College of Medicine. His presentation will be the keynote speech for the College of Health and Human Development's third annual research symposium, which is free and open to the public.

A member of the board of directors of Physicians for Human Rights and chair of the PSR/PHR Working Group on Chemical and Biological Weapons, Dr. Sidel has spoken and published widely on the economic, social and health consequences of the arms race.

He has received numerous awards, including the Poiley Award of the New York Academy of Sciences, the Hermann

Biggs Award of the New York State Public Health Association, the Duncan Clark Award of the Association of Teachers of Preventive Medicine and the Award for Excellence of the American Public Health Association for "exceptionally meritorious contributions to the improvement of the health of the people."

He is a graduate of Princeton University with honors in physics and of Harvard Medical School with honors in biophysics.



Victor W. Sidel

Dr. Richardson

(Continued from page 1)

He joined the University of Washington School of Public Health and Community Medicine as an assistant professor of health services in 1971 and served, successively, as associate professor, professor, department chairman, associate dean of public health and community medicine, and then dean of the Graduate School and vice provost for research.

Frequently called on as a consultant and leader in the field of health policy studies, he serves as chairman of the recently established Commission on the Future of the Health Professions for the Pew Charitable Trusts, and as chairman of the Joint Panel on the National Health Care Survey of the National Research Council-Institute of Medicine.

The Johns Hopkins University, founded in 1876, was the first true American university formed on the European model with an emphasis on research and the offering of graduate as well as collegiate education. It currently has an enrollment of some 6,800 full-time and 6,400 part-time graduate and undergraduate students.

Its academic divisions are the Schools of

The Campaign for Penn State

Gifts will endow a faculty chair in Jewish Studies

The University has received more than \$1 million in gifts and pledges to endow a faculty chair in Jewish Studies. Contributions came from more than 250 individuals and foundations, primarily in the mid-Atlantic region.

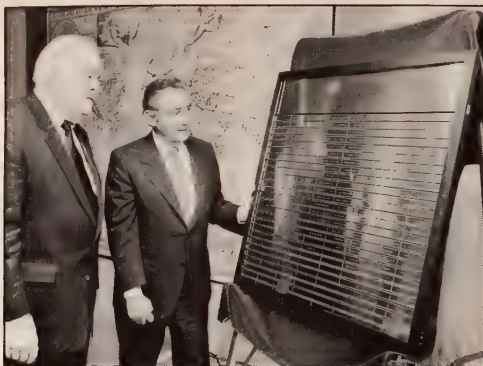
The chair will be located in the College of the Liberal Arts and involve a number of disciplines.

This chair is a wonderful accomplishment for Penn State and will enrich the diversity of our curriculum, President Jordan said. "It will provide numerous opportunities for scholarship in Judaic culture that relate to history, philosophy, literature, religion and language and will strengthen our efforts to raise the multicultural awareness of our students."

A committee of 15 University alumni solicited gifts for the endowment. The effort began in 1988 as part of The Campaign for Penn State, a successful drive to raise \$300 million in private support for academic programs.

"We believe this chair will be a valuable addition to Penn State's intellectual and cultural offerings," said Harold Hein, who headed fund raising in the New York City area. "It should lead to a greater understanding of our nation's heritage and the oppressed peoples from all over the world who found their way here."

Mr. Hein is a 1945 Penn State graduate and president of Mid-City Press Inc. of New York.



President Jordan (left) and Harold Hein examine a plaque containing the names of the donors for the faculty chair in Jewish studies.

A \$75,000 pledge from the Mitrani Family Foundation of New York put the drive over its \$1 million goal. The pledge brought the foundation's total commitment to \$275,000 and made it the largest single contributor to the endowment. The foundation was established through a

bequest from Marco Mitrani, founder of Milco Industries of Bloomsburg, to support Jewish and academic programs.

Dr. Jordan said the University hopes to name a distinguished scholar to the chair by the fall of 1991.

The College of the Liberal Arts already

enrolls several hundred students in courses that deal with Jewish studies, including Hebrew instruction. Penn State also offers a popular study abroad program in cooperation with Israel's Tel Aviv University and regularly sponsors programs in Jewish literature.

The endowment may support curricular innovation, scholarly travel, library acquisitions, graduate assistants and other academic activities. It also will provide a salary supplement to the chairholder.

Penn State now has 33 faculty chairs, each with endowments of at least \$1 million. The Jewish Studies chair is the second-endowed chair in the College of the Liberal Arts.

In addition to Mr. Hein, the fund-raising committee included Mimi Ungar Coppsmith and Sidney Friedman of State College, Harris Freedman of Harrisburg, Robert and Shirley Fortinsky of Wilkes-Barre, Art Gladstone of Long Island, Arnold Hoffman and Michael Kirschner of Philadelphia, William Jaffe of Washington, D.C., Fred and Shirley Pechter and Don and Nancy Devoris of Altoona and Mervin Snyder of Pittsburgh.

Gifts to the endowment are included in the National Endowment for the Humanities challenge grant to the College of the Liberal Arts. Under a three-to-one matching agreement, the NEH will award more than \$333,000 to the college.

Bell of Pennsylvania provides grant

A \$100,000 grant from Bell of Pennsylvania has helped to create six innovative economic development programs in partnership with Penn State and local communities.

The Community and Economic Development Associates Program puts recent University graduates to work full-time for one year on projects around the state, ranging from evaluating youth training and employment programs to helping communities map out economic plans.

"Through Bell of Pennsylvania's grant, these communities have begun self-help projects that otherwise would have been very difficult for them to initiate," Drew

Hyman, professor of public policy and community systems and director of the associates program, said.

In January 1989, a prototype development associates program, staffed by 1988 Penn State graduate Michelle A. Klinger, opened in Berks County.

Following the success of this program, projects were begun in DuBois, Northumberland County; parts of Chester, Montgomery and Berks counties (Tri-county); Easton (Two Rivers, serving Northampton County); and McKeesport (the Mon-Yough Project, serving the southeastern area of Allegheny County and Western Westmoreland County).

"The prosperity of the state is really just

the sum of the prosperity of every local area," Robert Wurzbach, Bell of Pennsylvania's director of development, said. "This initiative is another

demonstration of our commitment to support the communities we serve."

The gift is part of The Campaign for Penn State.

Jim Lippincott Libraries Endowment

The Jim Lippincott Memorial Libraries Endowment has been established in the University Libraries.

The endowment was established by family members and friends from McGraw Hill of Mr. Lippincott, who worked for the Office of Physical Plant for 20 years and was manager of facilities resources on his death Dec. 2, 1988.

The endowment will be used to purchase books and materials in American history

with a focus on the Revolutionary and Civil Wars, which were favorites to Mr. Lippincott. All items purchased with income from the endowment will display bookplates denoting them as gifts of the Jim Lippincott Memorial Libraries Endowment.

Anyone interested in contributing to the endowment fund in honor of Jim Lippincott should contact the University Libraries at 865-0401.

Two University faculty members honored with awards

Eddington Medal

Icko Iben, holder of the Eberly Chair in Astronomy in the College of Science has won the Eddington Medal of Great Britain's Royal Astronomical Society (RAS).

According to the RAS, the Eddington Medal is given specifically for work of outstanding merit in theoretical astronomy

especially for subject areas in which Sir Arthur Eddington worked. Sir Eddington, for whom the award is named, was a pioneer in the theory of stellar structure and evolution and a president of RAS.

Dr. Iben, who has played a major role in shaping the modern theory of the structure and evolution of stars, joined the University faculty in 1989. He previously was on the faculty of the University of Illinois. A pioneer in the development of computer models of stars, his current research focuses on the evolution of close binary star systems.

A member of the National Academy of Sciences, Dr. Iben also is a Fellow of the Japan Society for the Promotion of Science and a John Simon Guggenheim Foundation Fellow. He was honored in 1984 as George Darwin Lecturer of the RAS and McMillin Lecturer at Ohio State University in 1987.

He has held numerous visiting professorships at universities around the world, has served on national committees of the International Astronomical Union, Kitt Peak Observatory and Cerro Tololo Inter-American Observatory and has been a member of the astronomy advisory panel to the National Science Foundation and a counselor of the American Astronomical Society.



Icko Iben

Freeman Scholar

Budagur Lakshminarayana, Evan Pugh professor of aerospace engineering, has been named the 1990 recipient of the Freeman Scholar Award of the American Society of Mechanical Engineers.

He is being honored for his application titled "Computational Techniques for Analysis and Design of Fluid Machinery." He will be one of the featured speakers during the society's annual winter meetings in Texas, where he will present this lecture.

The award was established in 1926 and is presented every two years to a person of wide experience in fluids engineering.

The first University faculty member and the 10th recipient to receive the award, Dr. Lakshminarayana is involved in research on the computation of three-dimensional turbulent and separated flow, turbulence modeling, stator/rotor interaction in turbines, three-dimensional unsteady flow field in multistage compressors, thermal driven secondary flow, computation of random flow field and noise in turbomachinery, and computation and measurement of flow field in automotive torque converters.

He developed a graduate and research program in computational fluid dynamics at

the University and directed this NASA-sponsored institute from 1981 to 1987. Elected a Fellow of the American Society of Mechanical Engineers in 1982, he has been an active member of the society. He also is a Fellow of the American Institute of Aeronautics and Astronautics and a recipient of the institute's Pandey Aerospace Literature Award (1989).



B. Lakshminarayana

University Park Calendar

January 25— February 4 Special Events

Thursday, January 25

Back's Lunch, 12:10 p.m. Eisenhower Chapel
Penn State Trumpet Ensemble
School of Music, 8 p.m., Recital Hall, Del'Arte
Quintet

Saturday, January 27

Shaver's Creek, paper making (grades 2-6), 1-3
p.m. Call 863-2000.
Center for the Performing Arts, 8 p.m.
Eisenhower Aud. Pilobolus Dance Theatre and
Pittsburgh New Music Ensemble

Sunday, January 28

Shaver's Creek, the unhuggables, 2-3:30 p.m. Call
863-2000.

School of Music, 3 p.m. Recital Hall, Stephen
Feldman, cello; and 8 p.m. Richard Kennedy,
voice

Monday, January 29

Comp. Lit. Luncheon, 12:15 p.m., 101 Kern.
Andrew Goble on "The Social Impact of Death
in Early 14th Century Japan."
Equal Opportunity Planning Committee, Dept. of
Human Dev. and Family Studies.
Contemporary Scholarship on Lesbian and Gay
Lives Speaker Series, 8 p.m., HUB Assembly
Room. Eve Kosofsky Sedgwick, Duke Univ.,
on "Denaturalizing Heterosexuality."
School of Music, 8 p.m., Recital Hall, Penn State
Trumpet Ensemble

Tuesday, January 30

Commission for Women, meeting, 1-3 p.m., 250
Hammond. Topic: student issues.
Center for the Performing Arts, 8 p.m.
Eisenhower Auditorium, The Philharmonia
Orchestra of London.

Landscape Architecture, John R. Bracken Lecture
Series, 8 p.m., 129 Waring Commons. William
J. Cronon, Yale Univ., on "Ecology and
Empire: Environmental Change in Colonial
New England."

Wednesday, January 31

Penn State Chapter/National Association of
Science Writers, Lunchtime Roundtable Series,
11:45 a.m., 313 Kern. Sanford G. Thatcher on
"Scholarly Publishing and the Penn State
Press." Reservations: 863-4682.

URTC, 5 p.m., 119 Arts. New Play Workshop 4,
through Feb. 2.

Gallery talk, 8 p.m., Palmer Museum of Art.
Stephen C. Foster, Univ. of Iowa, on "The
Avant-Garde and the Text."

Thursday, February 1

Back's Lunch, 12:10 p.m., Eisenhower Chapel.
Penn State Chamber Singers.
Women of Color Luncheon, noon-1 p.m., Hotel
State College.

German Dept., 8 p.m., 124 Sparks. Manfred
Durrax, Universitat Paderborn, on "Die zweite
Phase der deutschen Nachkriegsliteratur."

Saturday, February 3

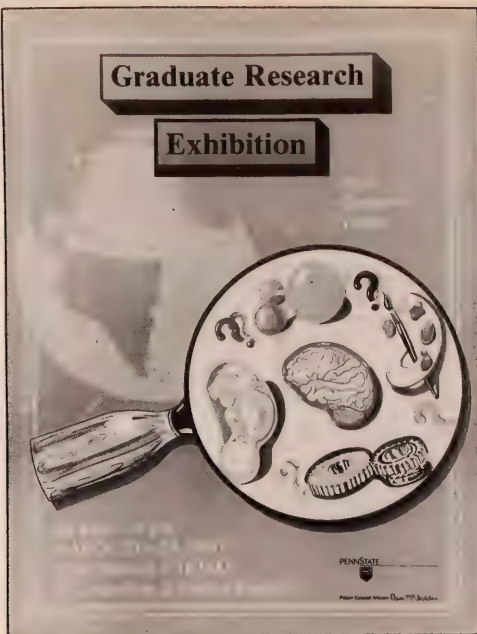
Shaver's Creek, 7-9 p.m., Owl Prowl. Call 863-
2000.

Sunday, February 4

Shaver's Creek, 2-4 p.m., Tracks 'n' Traces. Call
863-2000.

Graduate Research

Exhibition



Graduate students can pick up applications for the 1990 Graduate Research Exhibition
from department offices or 114 Kern Building.

International Events

Thursday, January 25

Informational immigration meeting for PRC
Chinese students. Office of International
Students, 5:45-7:45 p.m., 214 Boucke
Video presentation for summer Education
Abroad Program in Todi, Italy, 7:30 p.m.,
HUB Gallery Lounge.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5-6:30
p.m.; Saturday and Sunday, 5-6 a.m.; Morning
Edition, Monday-Friday, 6-8 a.m.; Weekend
Edition, Saturday and Sunday, 11 a.m.-1 p.m.
"Odyssey Through Literature," 12:30 p.m.
Wednesdays, with 5 Leonard Rubinstein
"Perspectives," 6-8 p.m. Wednesdays, with
Jeff Ballou, "Creative License," 12:30 p.m.
Thursdays, with Asa Berlin and Pam Saulner

and the Playhouse Box Office, open 11:30
a.m. to 5:30 p.m., Tuesday through Friday.

The arts on Channel 3

Screen legends Lillian Gish introduces and
stars in a newly restored version of D.W.
Griffith's 1919 screen classic, "Broken
Blossoms" on Great Performances airing at 9
p.m. Friday, Jan. 26, on WPSU-TV.
Following "Broken Blossoms" at 10:30 p.m.,
the first lady of the silent screen is profiled in
"Lillian Gish: The Actor's Life for Me" on
American Masters.
"Women and Wallace," a dark comedy
about a boy's warped relationship with
women as a result of his mother's suicide,
will have its broadcast premiere on American
Playhouse at 9 p.m. Wednesday, Jan. 31.

Conferences

Continuing Education Keller Building

Feb. 1, Pennsylvania Bar Institute, Jerri Milson
coordinator.

Feb. 2-4, Emergency Medical Services
Management Workshop David Landstrom,
coordinator of emergency medical services,
Jerri Milson, coordinator

Seminars

Thursday, January 25

Polymer Science, 9 a.m. 301 Steidle M.W. Kim
Exxon Research on "Polymer Adsorption at the
Solid/Liquid and Air/Liquid Interface"
Physics Colloquium, 3:40 p.m. 117 Omond
Lab Peter Feibelman, Sandia on "First
Principles Calculation of Surface Atom
Energetics"
Ecology, 3:45 p.m. 111 Wark. John Skelly on
"Is Forest Decline Real in West Germany?"
Friday, January 26
American Statistical Association State College
Chapter, 1:30-4:30 p.m., 101 Kern, Panel

discussion "Beverly Longitudinal Studies: the
Pitfalls of Repeated Measures Analysis."

Tuesday, January 30

Gerontology Center Colloquia, noon-1 p.m. 101
Health and Human Dev. Dev. Donald A. Street
and Brian J. Gilmore on "Applications of
Mechanical Engineering for Rehabilitating the
Elderly"
Chemistry Colloquium, 3:40 p.m. 55 Omond
Lab. Fred W. McLafferty, Cornell Univ., on
"Tandem Mass Spectrometry"

Wednesday, January 31

Accounting and MIS Research Colloquium, 4-5
p.m. 343 Beam Robert Verrecchia, Univ. of
Pa. on "Information Quality and Discretionary
Disclosure"

Lab for Artificial Intelligence Applications,
College of Ag. 3:45 p.m., 145 Fenske H.
Michael Ravecher, North Central Forest
Experiment Station USDA Forest Service, on
"Hypertext and Knowledge Based Systems:
Examples from the Red Pine Forest System"

Thursday, February 1

Physics Colloquium, 3:40 p.m. 55 Omond Lab
A. van Wijngaarden Univ. of Windsor on
"Precision Measurements in Hydrogenic Ions."
Ecology, 3:45 p.m. 111 Wark. Kim Steiner on
"Views with No Room: Forest Management
Dilemmas in Taiwan"

Exhibits

Chambers Gallery

Prints and books by art students at Univ. of New
Mexico, through Feb. 10

HUB Galleries

Browsing Gallery:

Scholastic Art Exhibition, through Jan. 27.
Interiors by Linda Smith-Webster, Jan. 28-March
4

Art Alley Panels:

Scholastic Art Exhibit, through Jan. 27
Art Student League Spring Exhibition, Jan. 28-
March 4

Art Alley Cases:

International Festival Show, Jan. 28-March 4

Formal Gallery:

"Rhythm and Blues: Black American Popular
Music, 1945-1955." Smithsonian exhibit of
photographs, through Feb. 18

Kern Galleries

Helen Hungerford, "Portraits Plus," through Jan.
10 The French Revolution Machine, through Feb.
28

Palmer Museum of Art

The Leah and Victor Smagorin Collection of
Contemporary Australian Art, through Feb. 11
The Avant-Garde and the Text, through March
11
Roman Portraits, Feb. 4-April 22.

Pattie Library

East Corridor Gallery:
Philip Saarstender, Screen Prints of State College,
through Jan. 26

Zoller Gallery

Graphs: Design Alumni Exhibition, through Feb.
4

TIPS

Information Penn State

Call 863-1234 press 1 and enter the number of
the message you wish to hear. Messages are
listed in the front of the telephone directory.
Other messages are: Weather, 2-14 Arts Line,
345 University Calendar, 456

insurance.

"Because these enterprises generate huge
losses year after year, they force Pakistan
to seek assistance from the United States
and a variety of international financial
institutions."

Dr. LaPorte advocates that the
government no longer staff public
enterprise positions with high-ranking civil
servants. Furthermore, he says, the
government should introduce or improve
existing performance review systems that
accurately measure both organizational and
individual managerial performance.

He recommends a policy of divestiture
when possible and the selling of stock to
widen the base of ownership. He also
suggests that the government make more
use of private and non-profit
subcontractors.

Focus on the arts

Philharmonia orchestra

The Philharmonia Orchestra of London will
present a concert in Eisenhower
Auditorium at University Park at 8 p.m.
Tuesday, Jan. 30.

Under the baton of Giuseppe Sinopoli,
the Philharmonia of London will perform
selections by Geranin composers Richard
Wagner and Johannes Brahms, including
the prelude and libretto from Wagner's
operatic tale "Tristan und Isolde," and the
overture of "Die Meistersinger von
Nurnberg." The Philharmonia will devote
the second half of the concert to Brahms'
Fourth Symphony in E minor.

Tickets are available through the
Eisenhower Auditorium Ticket Center,
which is open weekdays, 9 a.m. to 4 p.m.,

Bookshelf

Robert LaPorte Jr., professor of public
administration, is senior author of *Public
Enterprises in Pakistan: The Hidden Crisis in
Economic Development*, published by Westview
Press. His co-author is Muntazir Bashir
Ahmed, associate professor of accounting at
Lahore University of Management Sciences
in Pakistan.

Unless Pakistan reduces massive deficits
created by government-owned and operated
enterprises, it will continue to be
economically dependent upon the United
States and other outside entities. Dr. LaPorte
says.

"The Pakistani economy is dominated by
more than 200 public or state-owned
enterprises, which operate either as
monopolies, as in energy, or near
monopolies as in the case of banking and

University announces leaves of absence

The following leaves of absence have been approved for 1990-91:

College of Agriculture

William M. Bode, assistant professor of entomology, to conduct research on the cultural and biological control of insect pests on crops of low-input family farming systems at Egerton University, Kenya

James W. Dunn, associate professor of agricultural economics, to conduct research on changes in European trade and transportation policies affecting the flow of food and agricultural products between the United States and Europe at University of London

Kathleen B. Evensen, associate professor of postharvest physiology, to study the application of biotechnology techniques to study the senescence of plants, at University of London

Peter A. Forrester, professor of vegetable crops, to research alternatives to chemical growth regulators in the production of vegetable crops, at Michigan State University

Robert E. Graves, professor of agricultural engineering, to study applied technology in farm building design and construction, at the Agway Research Center, Syracuse and Fabus, N.Y.

Winand K. Hoek, professor of plant pathology, to evaluate internationally sponsored pesticide education programs and to assist in the development of a national pesticide education program for Australia, at the Agricultural and Veterinary Chemicals Association of Australia, North Sydney

Gerald D. Kuhn, professor of food science, to prepare a book-length manuscript on contemporary philosophies and practices for managing the quality of processed and manufactured foods, at Ore Ida, Boise, Idaho, and Pillsbury Foods, Minneapolis, Minn.

Andrew S. McNitt, associate extension agent, to pursue a master's degree in turfgrass science in the Department of Agronomy

Mary C. Saylor, associate professor of agricultural and extension education, to research small, home-based, and family business management, at the National Agricultural Library, Bethesda, Md.

Sharon S. Shortle, associate professor of agricultural economics, to conduct research on empirical linkages between agricultural trade, price and income supports, and environmental policies, at the University of New England, Australia

Jay R. Stauffer Jr., professor of fishery science, to conduct research on lake Malawi cichlid fishes, at Rhodes University, South Africa

Spino E. Stefanou, associate professor of agricultural economics, to study resource adjustments in the European Economic Community's agricultural sector, in Federal Republic of Germany and the United Kingdom

Ben W. Twhight, associate professor of forest resources, to conduct research on the German roots of American forestry practice and subsequent influences on American forest management and policy, at the Institute for Forest Economics and Policy, Vienna, Austria

Paul N. Walker, professor of agricultural engineering, to study systems engineering and biotechnology, at the University of Hawaii

Amy S. Walters, associate extension agent, to pursue a master's degree in the College of Education, Division of Curriculum and Instruction

Robert E. Wideman Jr., associate professor of poultry science, to study the use of a system that measures the blood flow through the avian kidney, at the University of Arkansas

College of Arts and Architecture

Albert A. Anderson Jr., associate professor of art education and museum arts, to conduct a study of America's visual art and craft schools

Daniel C. Armstrong, associate professor of music, to study the history and construction of the concert snare drum and to prepare, produce, and present chamber music performances

William E. Crocken, director of general education in the arts and associate professor of theatre arts, to research digital video interactive technology and its application to general education arts courses

Charles H. Firmin, assistant professor of theatre arts, to study the use of automated stage lighting instruments in theatrical lighting designs

Marc A. Hessel, associate professor of art, to complete photographic project in Puerto Rico and to print portfolios for exhibitions at primarily Hispanic cultural centers

Daniel R. Jones, associate professor of landscape architecture, to study means of improving planning and design in lakefront settings

George Mauer, professor of art history, to complete a catalogue raisonné of the paintings of Cuno Amiet

David P. Milby, associate professor of art (Ogontz Campus), to finish work on a book on the Milby family of Virginia

Wladyslaw A. Strumilo, associate professor of architecture, to complete research on the architectures of scarcity, learning, and sovereignty, in Delft, the Netherlands

Penn State Erie, The Behrend College

Ralph J. Eckert, assistant professor of history, to conduct research on the 1864 military campaigns in the Shenandoah Valley of Virginia

John K. Gamble Jr., professor of political science, to survey the teaching of international law and to develop a simulation for undergraduate courses

Jeffrey S. Wicken, associate professor of biochemistry, to extend work in the application of information theory and thermodynamics of evolution to social structures and religious systems, at Chicago Center for Religion and Science

College of Business Administration

Stewart W. Bither, professor of marketing, for a study titled "Strategic Choice: Managerial Models of Selective Focus and Information Processing" at the Verbatim Co.

John P. Cancro, assistant professor of business administration (New Kensington Campus), to study microcomputer integration into associate degree business administration programs in the United States

Mita Sujan, associate professor of marketing, to conduct research on the effects of prior knowledge on consumer judgments and choice, at the University of California, Los Angeles, and Duke University

Harish Sujan, associate professor of marketing, to develop a research program on salesperson motivation and performance in cooperation with faculty members at the University of California, Los Angeles, and Duke University

Penn State Harrisburg

Michael L. Barton, associate professor of social science and American studies, to complete a book-length work which combines ethnography, local history, and fiction

Refik Culpun, associate professor of management, to study multinational corporate strategies, and the strategic management of international firms in third-world countries, at Bilkent University, Turkey

William J. Mahar, associate professor of humanities and music, to prepare a series of interpretive essays on the cultural, historical, and musical contexts of blackface entertainment

William R. Miller Jr., associate professor of physics, to do research in semiconductor physics, materials, and devices, at the National Institute of Standards and Technology

Ugur Yucel, associate professor of marketing, to do research on consumer attitudes in Common Market nations towards imported goods, at the Oslo Business School, Norway

Commonwealth Educational System

Daniel T. Fitzgerald, area representative, Continuing Education (Ogontz Campus), to pursue doctoral study in health education, with specialization in staff development

Mary C. Landis, area representative, Continuing Education (Allentown Campus), to pursue doctoral study in adult education

School of Communications

Richard L. Barton, associate professor of communications, to conduct research and prepare a book-length manuscript on the history of British press coverage of Canada

William C. Urlicchio, associate professor of film and video and communications, to complete a critical study of television in Germany, 1935-1944

College of Earth and Mineral Sciences

Z.T. Bieniawski, professor of mineral engineering and director, Mineral Resources Institute, to study research and graduate programs in engineering design theory and methodology at the Harvard University Graduate School of Design

Carlo G. Pantano, professor of materials science and engineering, to perform collaborative research on the surface physics and chemistry of glass, at the University of Padua, Italy

Peter J. Webster, professor of meteorology, to do research on atmospheric dynamics, at the University of Munich, Federal Republic of Germany, and the European Centre for Medium Range Weather Forecasting, Reading, United Kingdom

College of Education

William L. Boyd, professor of education, to conduct research on educational reform and local/national policy in the United Kingdom, at the University of Liverpool

Harold E. Cheatham, associate professor of education, to pursue work in cross-cultural counseling theory and practice

Peter S. Cookson, associate professor of education, to conduct research for a book titled *Metaphysics, Policy, and Practice in Adult Education: The Cases of Nietzsche and Celia Ruiz*

Henry J. Johnson Jr., professor of education, to study the impact of science, particularly evolutionary theory, on educational theory and practice since 1980

James E. Johnson, associate professor of education, to investigate the relationship between day care and the early childhood education curriculum model program, "Educating the Young Thinker"

Deborah M. Roberts, professor of educational psychology, to develop tutorial and textbook-related materials to integrate Minitab into statistical instruction

College of Engineering

Gert Aron, professor of civil engineering, to work on surface hydrology with state and university researchers in New Zealand and Australia, at the New Zealand Hydrology Centre, Christchurch

Lynn A. Carpenter, associate professor of electrical engineering, to participate in design and testing of microwave monolithic integrated circuits for satellite receivers, at Johns Hopkins University

M. Jay Chandra, associate professor of industrial engineering, to develop an integrated approach to quality engineering using Taguchi methods and classical statistical tools, at the Indian Statistical Institute, Bangalore

Richard F. Devon, associate professor of engineering graphics, to pursue work on the social management of technology, at the

Program in Values, Technology, Science, and Society, Stanford University, and to examine how that program is used to enhance engineering education

Ian-Choon Khoo, professor of electrical engineering, to pursue research on the applications of advanced organic polymers and high temperature superconductors in nonlinear optical devices, at Princeton University

Michael M. Micci, associate professor of aerospace engineering, to conduct experimental research on combustion instabilities in rocket motors, at the Office National d'Etudes et de Recherches Aérospatiales (ONERA), Châtillon and Palaiseau, France

Jonathan Phillips, associate professor of chemical engineering, to conduct research on the surface structure and catalytic chemistry of single crystals of metal alloys, at the Center for Catalytic Research, Lyon, France

Andrew Pytel, professor of engineering mechanics, to participate in the incorporation of nontraditional teaching methods into the design of new engineering curriculum, at the University of California, Riverside, and California State University, Pomona

Gary S. Settles, professor of mechanical engineering, to conduct research on hypersonic fluid dynamics and associated optical flow diagnostics

Martin W. Thewissen, associate professor of mechanical engineering, to perform research to improve the capabilities of structural dynamics models developed from experimental data, at the Institute of Sound and Vibration Research, University of Southampton, England

Ralph L. Webb, professor of mechanical engineering, to collaborate on research concerning cross-flow forced convection boiling, at the National Engineering Laboratory, Glasgow, Scotland

Savash Yavuzkurt, associate professor of mechanical engineering, to conduct experimental and theoretical research in the area of free stream turbulence, at the NASA Center for Turbulence Research, Stanford University

Sam Y. Zamick, professor of engineering mechanics, to study testing for elastic-plastic fracture toughness of composite materials, at University of Kansas and NASA Lewis Research Center, Cleveland

Great Valley Center

James K. McAfee, associate professor of special education, to study measures taken to accommodate the needs and rights of defendants and offenders with mental or physical handicaps in Denmark and Australia

College of Health and Human Development

Peter R. Cavanagh, director, Center for Locomotion Studies, and professor of locomotion studies, to conduct research on risk factors involved in diabetic foot complications, at the Manchester Royal Infirmary, England

Ann C. Cropper, associate professor of human development, to complete longitudinal analyses of parental work, family relationships, and children's psychosocial functioning

Kathryn E. Hood, associate professor of human development, to continue work on animal models of life-span social development

Kathryn F. Keams, assistant professor of exercise and sport science (Ogontz Campus), to prepare for publication a study on visual information processing by dancers and to lay the groundwork for future international exchanges in dance, in Brazil and Australia

John A. Lucas, professor of exercise and sport science, to conduct interviews and prepare a book-length manuscript, *The Future of the International Olympic Movement and the Olympic Games*

Susan M. McHale, associate professor of human development, to continue work on a longitudinal study of parenting in dual-earner families

Judith L. Newman, associate professor of human development (Ogontz Campus), to prepare for publication studies of children's and adolescents' concepts of death, illness, family, divorce, and adoption

Maribeth Peiniger, assistant professor of exercise and sport science, to study new technologies, including computer programs and interactive video, to improve athletic performance, at the Olympic Training Center, Colorado Springs

Patricia A. Seni, assistant professor of exercise and sport science, to expand knowledge of sport law and to develop practicum sites for students enrolled in the sport management option

Sherry L. Willis, professor of human development, to prepare a book-length manuscript on the effectiveness of cognitive training with older adults, at Stanford University Medical School and Palo Alto VA Center

College of the Liberal Arts

William S. Abruzzi, assistant professor of anthropology (Ogontz Campus), to complete a book-length manuscript which examines the ecological implications of historical ethnic relations in New Mexico, at New Mexico State University

Charles D. Ameringer, professor of Latin American history, to prepare a book-length manuscript, *The Cuban Democratic Experience: The Atrincheros in 1944-42*

Thomas J. Bernard, associate professor of administration of justice, to prepare a monograph that reinterprets and integrates the major social theories of crime

Paul F. Clark, associate professor of labor studies and industrial relations, to examine the role of union constitutional conventions in union policy-making and politics

Paul R. Cornwell, professor of psychology, to pursue studies of the visual cortex of cats, at Boston University School of Medicine

Gary S. Cross, associate professor of history, to complete research for an intellectual and policy history of the problem of leisure time in Western Europe, 1919-1950

William J. Duiker, professor of East Asian history, to write a

(Continued on page 7)

University announces leaves of absence

(Continued from page 6)

book-length biography of the Vietnamese revolutionary Ho Chi Minh, in France and Vietnam.

Ronald L. Filippelli, professor of labor studies and industrial relations, to research ways by which the U.S. government after World War II attempted to counteract the influence of both Gaullism and Communism among French intellectuals, the French left, and the labor movement in order to bring France into the American sphere of influence as a cooperative member of the Western alliance, in Paris.

John B. Frantz, associate professor of history, to prepare a book-length manuscript on the history of religion among the Pennsylvania Germans, during the 18th century.

Alessandra Graves, assistant professor of Spanish and German (Delaware County Campus), to complete field investigation, research and writing of a book-length manuscript on the traditional beliefs of Costa Rica.

Paul B. Harvey Jr., associate professor of history and classics, to complete a critical edition of Jerome's *Letters of Saints Paul the Hermit, Malchus, and Hilarius*, at the University of Pavia, Italy.

Robert D. Hume, professor of economics, to prepare a book-length manuscript, *Peoples Apart: Self and Other in American Fiction 1960-1990* in London.

Robert D. Hume, professor of economics, to prepare a book-length manuscript, *The Plunkett and Italian Opera in London, 1785-1803*, in London.

John A. Johnson, associate professor of psychology (DuBois Campus), to extend, to a German population, research on factors that affect the validity of self-report personality inventories, at the University of Bielefeld, Federal Republic of Germany.

Philip A. Klein, professor of economics, to expand work on indicators of business cycles and to develop leading indicators of cyclical changes in inflation in market-oriented countries, at Columbia University.

I. Sten Kroll-Smith, associate professor of sociology (Lehigh Campus), to prepare a book-length manuscript on the organizational structure of local citizens' environmental groups.

Frank J. Landy, professor of psychology and director, Center for Applied Behavioral Sciences, to develop and test models of human performance and safety in nuclear power plants in Sweden, at Stockholm University.

Herschel W. Lebowitz, Evan Pugh professor of psychology, to study the role of visual memory in spatial orientation, at the University of Tübingen, Federal Republic of Germany.

Daniel Maier-Katkin, professor of law and American studies, to conduct a study of the implementation of the British Infanticide Act of 1938, at the University of London.

Shirley Marchalson, associate professor of English and comparative literature (Berks Campus), to work on a book-length study of the contribution of women writers to the *Atlantis*, *Monthly*, 1857-1882.

James E. May, associate professor of English (DuBois Campus), to complete a descriptive bibliography of the works of Edward Young (1683-1765).

Raymond A. Mazurek, associate professor of English (Berks Campus), to explore the relationship between current social-epistemic theories of rhetoric and contemporary literary theory.

Frank A. Melone, assistant professor of psychology (Ogontz Campus), to complete a study on career clarification processes in the college student.

Paul A. Orlov, assistant professor of English (Delaware County Campus), to prepare a book-length critical study of Dreiser's novel, *An American Tragedy*.

Cheryl J. Plumb, assistant professor of English (York Campus), to prepare a concordance of Diana Barries' *Nightwood*.

Rio T. Preiner, professor of German, to study the development of Friedrich Schlegel's philosophical views of history (1804-1822).

Richard J. Ravizza, associate professor of psychology (Worthington Scranton Campus), to investigate the impact of a holistic approach to newly diagnosed HIV-positive patients, at the University of Connecticut Medical School and the Himalayan Institute.

Leonard R. Roforgio, associate professor of history (Shenango Valley Campus), to complete a biography of John Timon, first bishop of Buffalo.

Audrey T. Rodgers, associate professor of English, to study the poetry of Edna St. Vincent Millay.

Larry W. Samuelson, professor of economics, to conduct research in evolutionary game theory on the relationship between extensive and normal form games and the mathematics of dynamic process, at the University of Melbourne, Australia, and Tilburg University, the Netherlands.

Margaret L. Signorella, associate professor of psychology and women studies (McKeessport Campus), to develop a theoretical approach to the development of gender stereotyping in children.

C.J.R. Simons, associate professor of psychology (Fayette Campus), to examine early neuromotor factors predictive of developmental outcome in premature, low-birthweight infants.

Martin S. Stabb, professor of Spanish, to complete research for a book-length manuscript, *The Contemporary Spanish American Essay*, 1950-1980.

James B. Stewart, associate professor of labor studies and industrial relations, to conduct research on the International Council for Equality of Opportunity Principles, the body established to guide use of the Sullivan Code of Conduct to monitor and evaluate business activities in South Africa.

Carl G. Vaughn, professor of philosophy, to prepare a book-length manuscript on Augustine's *Confessions*, at Oxford University.

College of Medicine

R. Bradford Duckworth, assistant professor of medicine, to develop new strategies in epilepsy research, at the Yale University School of Medicine.

Louis F. Martin, associate professor of surgery and physiology, to study the application of techniques in molecular biology and genetics to studies of the role of defective lipolytic mechanisms that contribute to obesity.

College of Science

David R. Anderson, associate professor of biology (Fayette Campus), to conduct research on genetic heritability of captive and free-roaming white-tailed deer and continue a study of white-tailed jawns and their mortality rates, at the Rachelwood Wildlife Preserve, New Florence, Pa.

George E. Andrews, Evan Pugh professor of mathematics, to conduct research in number theory at the Thomas J. Watson Research Center (IBM), Yorktown Heights, N.Y.

Augustina Banyaga, associate professor of mathematics, to conduct research on the geometric foundation of symplectic topology.

Abdelali Benharbit, associate professor of mathematics (York Campus), to study the multiphase flow of mixtures at Johns Hopkins University.

Edward W. Bittner, associate professor of chemistry (McKeessport Campus), to pursue studies in coal liquefaction technology, at the Pittsburgh Energy Technology Center.

Jean E. Brechley, director, Biotechnology Institute, and professor of microbiology, to study new methods in microbial ecology, at the National Institutes of Health.

James P. Crawford, assistant professor of physics (Fayette Campus), to conduct research on bispinor geometric nonlinear sigma models.

Reginald A. Dearing, professor of molecular and cell biology, to conduct research on DNA repair enzymes, at Cornell University.

James J. Deploy, associate professor of biology (York Campus), to study the role of thermophilic fungi in the biodegradation of stored peanuts, at George Washington University.

Andrew G. Ewing, associate professor of chemistry, to collaborate with neurochemists in the departments of history and neurochemistry at Lund University and the Royal Institute of Technology, Stockholm, Sweden.

H. Lee Fairbanks, associate professor of biology (York Campus), to conduct research on morphological and histochemical differences in the reproductive systems of snails, at the University of Tulsa.

William L. Harkness, professor of mathematical statistics, to conduct research in categorical data analysis and its applications to public policy issues and to social and behavioral problems.

Stephen C. Hoops, assistant professor of chemistry (New Kensington Campus), to conduct research on fundamental reactions in hydrogenation of coal solids.

Peter C. Junn, professor of chemistry, to conduct research on computer-assisted studies of the relationships between the molecular structure of organic compounds and their physicochemical properties or biological activities, at Toyohashi University in Japan and Los Alamos National Laboratory.

Bruce R. Kendall, professor of physics, to study the trapping and storage of microfine and ultrafine particles in electrical and magnetic fields, at the University of Arizona.

Hae-Won Kim, assistant professor of chemistry (Ogontz Campus), to study the computation of physical properties of triatomic and larger molecules, and to develop a semi-empirical method to calculate the infrared vibrational frequencies of organic molecules, at the University of Pennsylvania.

Peter I. Meszaro, professor of astronomy, to study high energy physical processes in relativistic galactic and extragalactic sources.

Roy E. Myers, professor of mathematics (New Kensington Campus), to study computer algebra systems and their use in mathematical instruction.

Lawrence R. Newcomer, assistant professor of computer science (York Campus), to prepare a book-length manuscript on Structured Query Language.

Ronald D. Porter, associate professor of microbiology and molecular genetics, to study the DNA binding properties of single-strand DNA binding proteins and the endonuclease activity of DNA helicases, at Texas A&M University.

Herman G. Richey, professor of chemistry, to study the structures and reactions of polar molecular groups and related organometallic compounds, at the Free University, Amsterdam.

Douglas H. Sampson, professor of astrophysics, to improve the calculation of atomic data for applications to high temperature plasmas, at Oxford University, United Kingdom.

Haiduke Sarafian, assistant professor of physics (York Campus), to study medium-energy nuclear physics, at the Los Alamos National Laboratory.

William S. Tothacker, associate professor of physics (Mont Alto Campus), to conduct experimental work in high energy physics, at the Fermi National Accelerator Laboratory.

K. Vedam, professor of physics, to study the optical properties of solids at extremely high pressures, at the Carnegie Institution, Washington, D.C.

Joseph J. Villafraña, Evan Pugh professor of chemistry, to study crystal structures of mutant enzymes, at the University of California, Los Angeles.

Tom M. Warrs, assistant professor of computer science (Ogontz Campus), to work on a manuscript in Lisp with applications to artificial intelligence.

Daniel W. Weedman, professor of astronomy, to monitor construction of the Spectroscopy Survey Telescope in Texas and obtain observations at Mt. Palomar and the Anglo-Australian Observatory.

James J. Whitmore, professor of physics, to study high energy electron-proton collisions, at DESY, West German National Laboratory, Hamburg.

Thomas Winitz, professor of physics (Wilkes-Barre Campus), to continue research in theoretical atomic physics, at Harvard and Rice universities.

Obituaries

Eugenio Battisti, Evan Pugh professor emeritus of art history, died Nov. 18 in Rome, Italy, at the age of 64.

A scholar of international distinction, Dr. Battisti was a faculty member in the Department of Art History from 1966 to 1984. He was named a Fellow in the Institute for the Arts and Humanistic Studies in 1966 and was appointed Evan Pugh professor in 1976.

Though his area of expertise was Italian Renaissance art, Dr. Battisti was an advocate of the interdisciplinary approach to historical ideas. His publications reflect his interest in neighboring disciplines and range from medieval to modern fields. Among his most important publications is a monograph on Cimabue, published by the Penn State Press and another on Piero della Francesca.

Dr. Battisti received his doctoral degree in aesthetics from the University of Turin in 1946. Prior to joining the University faculty, he taught at the Universities of Naples, Rome and Genoa.

Ruth W. Ayres-Givens, professor emerita

of clothing and textiles, died Dec. 15, 1989. She was 87.

From 1952 to 1967 she was professor and head of the Department of Clothing and Textiles in the College of Home Economics, and from 1967 to 1971 she was professor and consultant in the Division of Man-Environment Relations in the College of Human Development.

Dr. Ayres developed the clothing and textile field into one of national reputation in home economics, and developed an innovative multidisciplinary doctoral program which attracted students both nationally and internationally.

In 1925 and 1927 she received bachelor's and master's degrees from Radcliffe College, and in 1929 a doctor of philosophy degree in economics from the Robert Brookings Graduate School of Government and Economics.

Her professional career spanned many years, beginning during the New Deal era, when she served as staff economist for the Federal Consumer Advisory Board. From 1943 to 1947 she served as chief of the cost-of-living allowance branch of the U.S. Department of State, and from 1948 until she went to Penn State, she was executive director of the National Consumer-Retailer

Council.

After her retirement, she and her husband worked extensively in Ghana, where she lectured at the University of Ghana.

Memorial contributions may be made to the Ruth W. Ayres-Givens Scholarship Fund, Penn State, 1 Old Main, University Park, Pa. 16802.

John C. Rudy, 71, an employee in the Department of Mineral Industries for 31 years, until his retirement in 1980, died Jan. 17.

Mr. Rudy was a U.S. Army veteran of World War II, serving in the European Theater of Operations. He attended State College area schools.

He was a member of the Upper Spruce Creek Presbyterian Church, the Harris Township Fish and Game Association and was a lifetime member of State College Elks Club 1600, the Tyrone American Legion and the State College Veterans of Foreign Wars.

Doris S. Humphrey, janitorial worker, Physical Plant, from Nov. 10, 1969, until her retirement Jan. 1, 1980, died Dec. 1 at the age of 74.

Robert G. Fowler, addressing equipment operator, Business Services, from April 3, 1963, until his retirement May 1, 1973, died Dec. 2. He was 81.

John W. Spotts, foreman carpenter, Physical Plant, from Dec. 1, 1941, until his retirement July 1, 1960, died Dec. 4 at the age of 94.

Patrick J. Marinice, maintenance worker, Physical Plant, from May 12, 1973, until his retirement on disability Feb. 1, 1988, died Dec. 18. He was 59.

William W. Ulley, retired associate professor of engineering graphics, died Dec. 20, 1989, at the age of 92. He joined the faculty Nov. 1, 1945, and retired July 1, 1962.

Adele F. Haugh, physical science assistant, University Libraries, since Feb. 12, 1973, died Jan. 2. She was 61.

Edgar C. Book, mailing room supervisor, College of Agriculture, from July 1, 1944, until July 1, 1966, died Jan. 2 at the age of 62.

Department is ranked first in productivity

A first-time, objective analysis of family science departments ranks the Department of Human Development and Family Studies in the College of Health and Human Development as the nation's best in productivity.

Family Science Review published the comparative analysis, which assessed Penn State's department along with 30 other national programs. The results are based upon the quality and number of first- and second-authored publications, how often

articles are referenced by other scientists and the number of books that faculty members have in print.

Penn State ranked first in each of the six categories, with a total "productivity indicator" of 16.8, compared to the next highest score of 2.2. Twelve of the 15 highly rated faculty members are in the Human Development and Family Studies Program, and five others are graduates of the program.

Robert Plomin, professor of human

development, was the nation's highest ranked faculty member, and Richard Lerner, professor of child and adolescent development, was second. Other Penn State faculty in the top 30 were:

Jay Belsky, professor of human development and family studies; K. Warner Schaie, Evan Pugh professor of human development and psychology; Judith Dunn, professor of human development; Michael A. Smyer, associate dean for research and graduate studies in

the College of Health and Human Development.

John R. Nesselroade, research professor of human development; Gerald E. McClearn, Evan Pugh professor of health and human development; Steven H. Zarit, professor of human development; Sherry L. Willis, professor of human development; Anne C. Petersen, dean of the College of Health and Human Development; and David Estes, assistant professor of human development.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University's Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304). Applications for these staff vacancies will be accepted until Feb. 1. **DO NOT CONTACT THE AREA THAT HAS THE VACANCY.** Applications for staff vacancies are considered in accordance with the Employment practices (PS 1) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age as provided by law, sex or status as a disabled or Vietnam era veteran.

• **Network Systems Coordinator, C415 - Office of Telecommunications, University Park Campus** - Responsible to the senior operations coordinator Transmission Facilities and Operations for monitoring the operation of the telecommunications network, including voice, data and video systems. Requires associate degree or equivalent plus two to three years of effective experience in telecommunications. Strong background in telecommunications and in problem determination. Excellent verbal and written communication skills are required. **MAY BE ASSIGNED TO NIGHT EVENING, OR WEEKEND WORK ON A CONTINUING BASIS.** STAFF GRADE 5.

• **Senior Systems Programmer, C615 - Center for Academic Computing, University Park Campus** - Responsible to the assistant director for software for maintenance of large IBM operating systems. Analyze software system failures, generate new releases of operating systems, maintain communication controls, software, and monitor utilization of current resources. Requires bachelor's

degree or equivalent in computer science, plus two years of experience in systems programming on a large IBM system. A thorough knowledge of assembler language is mandatory. The applicant must have experience in system generation, modification and operation of data processing, modification and knowledge of operating system concepts. STAFF GRADE 7.

• **Senior Accountant, Corporate Controller, University Park Campus** - Responsible to the manager, Student Loans, for planning, development, modification and operation of data processing functions for student loans and scholarships, and for serving as liaison with Management Services, the director of academic information systems and other appropriate persons. Requires bachelor's degree or equivalent in accounting or related field, plus two to three years of effective experience, preferably in institutional accounting and procedures. Familiarity with personal computers, information systems and computer accounting procedures desirable. STAFF GRADE 7.

• **Administrative Assistant, College of Engineering, Dean's Office, University Park Campus** - Responsible to the dean, College of Engineering, for the overall effective and efficient operation of the Dean's Office. To include liaison with academic and administrative departments, central administration and the President's Office, and coordination of activities emanating from the dean. Research and write reports, draft correspondence, monitor activities and develop agendas. Requires bachelor's degree or equivalent in a related field, plus one to two years of effective experience in an administrative support capacity and excellent writing skills and strong organizational ability. STAFF GRADE 6.

• **Drafter, Facilities Planning and Design, Office of Physical Plant, University Park Campus** - Responsible to the senior mechanical electrical engineer for developing, updating and maintaining mechanical, electrical and architectural drawings and

maps. Requires associate degree or equivalent or graduation from a two-year technical school, plus a minimum of one to two years drafting experience in an architectural or engineering office. STAFF GRADE 4.

• **Staff Psychologist, Student Services, Counseling and Psychological Services, University Park Campus** - Responsible for providing counseling and mental health services to students at the University. Principle duties include individual and group psychotherapy, training and supervision of interns and graduate students in psychology. Requires Ph.D. in clinical or counseling psychology or equivalent training, including a one-year internship or masters' degree in counseling or clinical psychology or equivalent training, plus three years of applicable experience. Prefer doctorate from APA-approved program with APA-approved internship, licensed or license-eligible in the state of Pennsylvania. STAFF GRADE 8.

• **Ophthalmic Technician, University Hospital, Outpatient Services, The Milton S. Hershhey Medical Center** - Responsible to an ophthalmologist and/or nurse manager for performing diagnostic tests including visual fields, electrophysiology and ultrasonography and providing support to ophthalmologist for clinical activity. Requires high school education and ICANPO certification as an ophthalmic technician or equivalent plus two years of effective experience and cardiopulmonary resuscitation certification. STAFF GRADE 5.

• **Programmer Analyst, Development Center, University Hospital, The Department of Medical Computer Center, The Milton S. Hershhey Medical Center** - Responsible to the manager, Development Center, for the analysis of how data processing can be applied to specific user problems for the design of effective data processing solutions and for the development of effective, efficient and well documented programs. Requires bachelor's degree in computer science or equivalent plus one to two

years of effective experience. STAFF GRADE 6.

• **Referral Development Manager, University Hospital, University Hospital Rehabilitation Center for Children and Adults, Elizabethtown -** Responsible to the manager, Ambulatory and Support Services, for managing the promotion of the University Hospital Rehabilitation Center for Children and Adults to the professional medical community. Requires bachelor's degree or equivalent, in health care, business or related field plus two to four years of effective experience. Must have demonstrated knowledge and experience in marketing, medical rehabilitation services and insurance and third-party reimbursement. Must possess good oral and written communication skills. STAFF GRADE 7.

• **Janitorial Foreman, Maintenance and Operations, Berks Campus** - Responsible to the assistant to the director of business services for supervision and coordination of janitorial and custodial activities and employees at the Berks Campus. Apply knowledge of work activities involved and the general overall missions and objectives of the Campus. Requires a high school education, or equivalent, and competency in janitorial field, plus two to four years effective experience in janitorial and custodial operations and demonstrated leadership ability. STAFF GRADE 4.

Internal search

The College of Engineering has begun an internal search for an associate dean for graduate studies and research.

The associate dean is expected to identify and develop new research areas, provide leadership and direction to both established and new faculty, and enhance the quality of existing and emerging programs. The associate dean has authority and responsibility for developing programmatic research plans and overseeing the College Research Centers, and has budgetary responsibility for funding to promote research and graduate study.

The position requires strong organizational skills, a national research reputation, an earned doctorate in engineering, demonstrated knowledge of funding agencies and the grant proposal process, and an understanding of departmental, college and university interaction.

Interested faculty should send a letter of application and resume to John A. Brighton, dean, College of Engineering, 101 Hammond Building, University Park, by Feb. 26.

Nominations sought for Morrow Professorship

Applications and nominations are invited for the Morrow Professorship in Engineering Design and Manufacturing.

Candidates must have a demonstrated ability to develop strong relationships with industry and be willing to work in an innovative, cross-disciplinary environment, according to Gary H. Koopmann, chair of the search committee, professor of mechanical engineering and director of the Nose Control Lab.

In addition, candidates must hold an earned doctorate and have a distinguished international reputation in design.

The endowed professorship in design and manufacturing, funded by Paul Morrow of Phoenix, Ariz., emphasizes computer-aided design and manufacturing, manufacturing processes and machine systems, automation and systems integration and elements of design.

The holder will conduct design research and develop funded research programs and supervise student research and teaching, especially at the graduate level.

Other members of the search committee are Budugur Lakshminarayana, Evan

Pugh professor of aerospace engineering; H. Randolph Thomas, professor of civil engineering; Victor Sanvido, assistant professor of architectural engineering; and Paul Cohen, associate professor of industrial engineering.

Applications and nominations, including curriculum vitae, will be accepted until Jan. 31 or until a suitable candidate is found. They should be sent to Professor Koopmann, chairman, Morrow Search Committee, College of Engineering, Box XX, 157 Hammond Building, University Park.

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7517.

William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

January 25, 1990
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LEAVES OF ABSENCE

The 1990-91 leaves of absence are on pages 6 and 7.

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INTERCOM

February 1, 1990

Volume 19, Number 20

Information submitted for publication in *Intercom* is due by noon on the Thursday before publication.

Commission on Racial/Ethnic Diversity seeks input

The Commission on Racial/Ethnic Diversity is seeking input from the University community to assist in setting its future agenda and courses of action.

A questionnaire, designed to assist the Commission in identifying issues of racial/ethnic concern at the University, is being sent to faculty and staff and will be made available to student organizations. At the same time, a series of open meetings is being planned.

The Commission on Racial/Ethnic Diversity was appointed by President Jordan last year. It is dedicated to enhancing the climate for diversity, and is responsible to the Office of the President for advising in University policies, procedures, programs, and issues affecting the welfare of racial/ethnic minority

members of the University community.

"To help it fully meet its charge, the Commission is inviting members of the University community to share their concerns," Ann Shields, Commission chairperson, said.

According to Ms. Shields, the Commission questionnaire is being sent to all faculty and staff via the *Penn State Intercom* distribution list and should arrive in early to mid-February. Additional copies of the form are available from the Commission office at 405 Old Main and may be obtained by calling Rita Williams at 863-0405.

"The questionnaire also will be distributed through student organizations," she said. "It will be available to individual

students upon request at the HUB Main Desk at University Park."

The Commission's first open meeting will be held from noon to 2 p.m. and 4 to 6 p.m. Thursday, Feb. 15, in the HUB Fishbowl.

"The open meetings," Ms. Shields said, "are another effort on the part of the Commission to reach out to all members of the University community."

"Commission members will be available at the open meetings to answer questions about the Commission. Individuals with questions about any aspect of the Commission's work, or with suggestions about issues or ideas that might be of interest to the Commission are encouraged to attend."

The Commission also is soliciting

nominations for new representatives from all categories of staff, students, faculty, and administrators at all locations of the University. Terms on the Commission are set for three years; in the case of students, they are for three years or until the date of graduation, whichever comes first.

Nomination forms are due at the Commission office by Feb. 15. New members will begin service on the Commission July 1.

Nomination forms and additional information about the Commission may be obtained by calling or writing Anne Nelson or Rita Williams at the Commission office (405 Old Main, 863-0405 or Network 8-433-0405), or by e-mail to AKN1@PSUADMIN.

Campaign convocation planned

The University will hold an academic convocation to celebrate the success of The Campaign for Penn State at 4 p.m. Friday, April 27, in Eisenhower Auditorium. Faculty, students, and staff are encouraged to attend.

"The Campaign has been aimed at strengthening academic programs for the University," President Jordan said. "As we are in the final months of this effort, we wanted to assemble the academic community to reflect together on where we have been and where we hope to go."

As of Dec. 31, the Campaign had raised \$320 million - 107 percent of the goal - and established nearly 100 endowed faculty positions. The number of endowed scholarship, fellowship and similar funds has increased from 400 to nearly 1,100 during the Campaign.

Components of the convocation - designed to last about an hour - will include remarks by President Jordan, Executive Vice President and University Provost William C. Richardson, Campaign Chairman William A. Schreyer, and by faculty and student representatives.

"We hope that faculty members will need academic regalia and join with us in the processional and recessional," President Jordan said.

The Penn State Bookstore will allow faculty members to rent regalia at one price for three occasions: the University Awards Convocation (April 8); the Campaign Convocation (April 27); and the University commencement ceremonies (May 12 and 13). Rental orders must be made by March 1.

Officials travel to Far East to strengthen relationships

William C. Richardson, executive vice president and provost, is meeting Jan. 27-Feb. 10 with corporate, industrial, government and university officials in Japan, Korea and the Republic of China (Taiwan) to strengthen collaborative relationships with Penn State.

He also will meet with the Penn State alumni clubs in those nations.

"As one of the leading research universities in the United States, Penn State is eager to explore further mutually beneficial arrangements with the corporations and universities in the Far East," Dr. Richardson said.

"We already enjoy productive relationships with a number of industries and academic institutions," he added.

"We're interested in building upon that base of friendship and respect to forge new relationships with new friends."

Accompanying Dr. Richardson to Japan will be H. Jesse Arnette, the senior member of Penn State's Board of Trustees and the chairman of the board's Committee on Educational Policy. Mr. Arnette, a 1955 graduate and a Distinguished Alumnus of Penn State, is a partner in a San Francisco law firm.

(Continued on page 3)

Economic development

Faculty Senate votes in support of Big 10 affiliation

Senators approved a resolution supporting the University's affiliation with the Big 10 Conference at the Jan. 23 meeting.

In its first meeting since November, the University Faculty Senate tackled a variety of legislative and informational reports covering general education, grading, air conditioning, research and undergraduate education and education partnership programs.

The resolution in support of the Big 10, proposed by the Committee on Academic and Athletic Standards, was not unanimously accepted by senators. One senator suggested that the Senate should either remain quiet about the affiliation or return the resolution to the committee, because senators were not consulted before the decision was made.

William C. Richardson, executive vice president and provost of the University, in a report on the Big 10 affiliation's impact on the University, said a media leak in Chicago caused the consultation process to move more quickly than the Big 10 or Penn State had planned.

Janet Atwood, Senate chairperson, said Senate Council was consulted prior to the media leak.

Dr. Richardson emphasized that the University's affiliation with the Big 10 "represents a very attractive association for this university." Among the academic features of the association is the ability of Penn State students to attend any of the Big 10 universities.

In other action, Senators debated revisions to Senate Rule 47-40 dealing with grading. Existing language in the rule refers to grades for undergraduate and graduate credit courses. The new language focuses on undergraduate and

graduate students, since courses may have both types of students enrolled.

The Committee on Academic and Athletic Standards' attempt to clarify existing practice was challenged by several senators, one of whom said he was unaware that the plus/minus grades he assigned to graduate students in his class were automatically removed by the computer program used by the Registrar's Office.

Currently, undergraduate students receive plus/minus grades, while graduate students are graded on a straight-letter scale. When the Senate approved the grading change for undergraduates, it recommended that the Graduate Council adopt the same scale for graduate students, but the Graduate Council rejected plus/minus grading.

The revisions to Rule 47-40 were approved.

Other legislative action included passage of a recommendation to create a permanent University General Education Subcommittee within the Committee on Curricular Affairs and approval of definitions for "major" and "option."

The subcommittee would provide more systematic and continuous evaluation and development of the General Education Program adopted by the Senate in 1985 and 1986.

It will have nine members: chair or vice chair of Curricular Affairs, who would serve as chair of the new subcommittee; vice provost and dean for undergraduate education; one member from the Committee on Undergraduate Instruction; and six faculty representatives selected by Curricular Affairs.

Curricular Affairs proposed new definitions for "major" and "option," eliminating the electives category from the

definition of the major and revising the definition of option to state that it need not be more than 18 credits.

The Senate also:

- heard a report on air conditioning procedures at University Park by James R. Dungan, senior director of physical plant. Because of the unusually hot summer of 1988, the Facilities Resources Committee reviewed air conditioning options available.

Increasing central air conditioning in buildings at University Park is not financially feasible within the next several years; however, there is a plan to construct central chiller plants to provide central air conditioning for new and existing buildings in the future, Dr. Dungan said.

The committee also looked into University policy covering air conditioners and found that while window units had been discouraged in the past, no policy existed outlawing their use.

The Office of Physical Plant currently is inspecting all window air conditioners to see if they meet University installation criteria. Those that are found to be unsafe will be removed at the expense of the academic or administrative department and replaced with a University standard air conditioner, at the request of the unit. The cost is approximately \$1,500 for a University air conditioning unit.

To date, window air conditioners in five buildings have been inspected. Of the 45 units, 37 were found to meet safety criteria, three had installation problems that needed to be corrected and five had electrical problems requiring repair, Dr. Dungan said.

Inspections also will be carried out at the Commonwealth Campuses.

Focus on Diversity

Third in series of cultural diversity workshops set

The third in a series of cultural diversity workshops aimed at creating a more hospitable environment for people of diverse ethnic and racial backgrounds has been scheduled for Wednesday and Friday, Feb. 21 and Feb. 23, at the Hotel State College.

"The third set of workshops will be geared specifically toward the public contact employees - the people who create the 'first impression' for their business or organization," workshop coordinator W. Terrell Jones, an administrative fellow and special assistant to the provost for diversity and campus climate issues, said.

"We're looking especially to enroll cashiers, receptionists, salespeople, tellers,

customer service personnel - people in visible front line positions for their business or organization."

The sessions will be held from 7:30 to 10:30 a.m. on both Feb. 21 and 23, with participants expected to attend both sessions to complete the awareness program. The sessions feature lectures, films and exercises in stereotyping and prejudice, as well as case studies and role-playing situations.

"Our goal is to help participants understand cross-cultural differences and provide new insights into dealing with customer concerns from a culturally diverse perspective," Dr. Jones said. "By targeting public contact employees, we can design

the workshop materials to meet their particular experiences and needs.

"It is the public contact employees who set the tone of their organization for customers and clients of diverse ethnic backgrounds. We hope that by training these important organizational representatives, we can help them better serve all residents and visitors in our town and on our campus."

The diversity workshops can accommodate up to 25 persons, and they are open to both community business employees and Penn State staff.

Interested persons from the community should call the Chamber of Commerce/ Downtown Business Association office at

237-7644. University employees wishing to take part should call University Relations at 865-2501. Those who cannot be accommodated will receive early notification about future workshops. There is no fee for the workshops. Deadline for registration is Feb. 9.

The workshops are planned and sponsored by the Office of University Relations at Penn State and the Human Relations and Philanthropy Committee of the Downtown Business Association.

Twenty-two persons representing campus and community attended the first series of workshops in July, and 16 more attended the workshops in November.

Diversity Opportunities Calendar

Friday, Feb. 2, and Saturday, Feb. 3
Department of Exercise and Sports Science, two shows at 8 p.m. and one at 2 p.m.

Saturday, Paul Robeson Cultural Center. "An Evening of Dance," featuring Myrna Munchus-Bullock, artist-in-residence; the Penn State Internationale Dancers, Orchest. Monico, Ogontz Dance Company and the Dance Collective. Tickets cost \$4 for students and \$5 for general admission.

Friday, Feb. 2
Penn State Harrisburg, noon to 1:30 p.m., Gallery Lounge. Panel discussion: "New Direction for African American Women in Today's Society."

Monday, Feb. 5
Penn State Harrisburg, 12:30 to 2 p.m., Olmsted Building, Black Cultural Arts

Center. Lecture on the need for a new political agenda in the '90s by Michael Cooper, representative, All-African Political Revolutionary Party.

Tuesday, Feb. 6
Penn State Harrisburg, 7 p.m., Gallery Lounge. Music by Jayne Henderson and poetry by Clarice Chambers.

Wednesday, Feb. 7
Center for Women Students, noon to 1 p.m., 120 Boucke. Brown Bag Lunch Series on "Women and AIDS," with Diane Shepley, Centre County AIDS project director.

Center for Women Students, 7 p.m., HUB Fishbowl. Healthy Loving Week panel discussion on "Loving and Partnering in the '90s: When Having Half is Better

Than Having it All," with Patty and Christopher Johnstone and other University couples.

Thursday, Feb. 8
Center for Women Students, 8 p.m., HUB Gallery. Six Feminist Scholars Lecture Series. Sandra Harding, University of Delaware, on "Feminist Epistemology: Women as Knowers."

Saturday, Feb. 10
Office of Minority Faculty Development, 9 a.m. to noon, 114K Kern Graduate Building. Minority Faculty Workshop on promotion and tenure by Harold Cheatham, associate professor of education. For reservations, call Leah Witzig at 863-1663 by Feb. 5.

Behrend plans 'Celebrating Diversity' series

Penn State Erie The Behrend College has developed a spring "Celebrating Diversity" series to support and emphasize the importance of diversity in society. Continuing through April, all events are free and open to the public, with most of the activities beginning at 8 p.m. in the College's Reed Building Lecture Hall.

"We designed this series not only to bring stimulating cultural events to the community but to show that our commitment to diversity is more than mere rhetoric," Christopher Reber, dean of student services, said. The Office of Student Services is sponsoring the series.

Penn State-Behrend's commitment to diversity also is evidenced by the growth in the number of minority students enrolled for Fall Semester 1989 - up approximately 17 percent over 1988, representing one of the largest increases in the Penn State system and reflecting a national trend.

Close to one-third of the United States

population will be comprised of minorities by the turn of the century," Mr. Reber added. "This means colleges and universities have an increasingly important responsibility to make sure the needs of minority students are met as many of these students will become the leaders of tomorrow. Perhaps more importantly, we have a responsibility to help everyone in the community see the value of the different cultures and traditions which form our society."

The speakers section of the "Celebrating Diversity" series includes: Benjamin L. Hooks, chief administrative officer of the NAACP, on "A Civil Rights Agenda for the 1990s," Thursday, Feb. 1; Miriam Cruz, advocate for Hispanic and women's issues, on "2000 and Beyond: Growth of the Hispanic Community in the United States," Tuesday, March 12; and Ms. Gloria Steinem, Ms. magazine editor, on "Women: The New Immigrants," Thursday, March 22.

Cultural events for the series include Uplifting the Race: A Musical and Historical Perspective by Penn State-Behrend's Association of Black Collegians on Monday, Feb. 12; folk musician Josh White Jr., on Wednesday, Feb. 21; the Indiana University Soul Review on Friday, March 9 (in Erie Hall at 8 p.m.); A Cultural Fiesta highlighting the dances, foods and customs of different cultures at 6 p.m. Wednesday, April 11, in the Wintergarden; and the Bert Seager Jazz Quintet on Thursday, April 12.

The women's film series segment begins Tuesday, Feb. 6, with "The Autobiography of Miss Jane Pittman" at 8 p.m. in the Niagara Renaissance Hall Lobby; "Do the Right Thing" on Tuesday, March 6; "The Global Assembly Line" on Tuesday, March 13; "Women of El Planeta" and "And What Does Your Mother Do?" on Tuesday, March 20; and A World Apart on Tuesday, March 27.

WPSX-TV programs

WPSX-TV pays tribute to the black experience this month with special Black History Month Programming.

In response to overwhelming public interest, WPSX-TV will rebroadcast *Desmond Tutu at Penn State: Celebrating our Freedom Together* at 1 p.m. Saturday, Feb. 14.

In an address to more than 3,000 people at Eisenhower Auditorium, Bishop Tutu spoke about human rights violations and the need for economic sanctions against South Africa.

The eight-part *Eyes on the Prize II* continues with "The Promised Land (1967-68)" airing at 10 p.m. Monday, Feb. 5. Martin Luther King stakes out new ground for himself and the rapidly fragmenting civil rights movement. One year before his death, he publicly opposes the war in Vietnam. His Southern Christian Leadership Conference (SCLC) embarks on an ambitious Poor People's Campaign.

Tony Brown's Journal, airing at 11 a.m. Sundays presents contemporary newsmakers and timely documentaries that are of special interest to the black community. During Black History Month, the program will look at blacks in Hollywood. The Tuskegee Airmen during WW II-America's only black Air Force, and the docu-opera, "Thank God!" which examines how music has grown from the black church.

Carpoolers

Lisa, would like a ride from Port Matilda to University Park. She works from 8 a.m. to 5 p.m. (Wednesday, Thursday and Friday only). Contact her at 865-7501.

Bud is looking for van pool riders from Woodward to University Park Monday through Friday, 8 a.m. to 4:30 p.m. Call 863-0835 or 349-8245.

The Campaign for Penn State

Behrend program receives endowment

The creative writing program at Penn State Erie, The Behrend College has received a \$153,249 endowment from the estate of the late Clarence A. and Eugenie Baumann Smith. The endowment will support scholarships, graduate fellowships and or program development.

Mrs. Smith, a life-long Erie resident and published poet, was well-known locally for her literary efforts. Her husband was a former advertising manager for The Times Publishing Co.

Mrs. Smith was a frequent visitor to the campus of Penn State-Behrend in the mid-1980s, meeting several times with faculty and students. When she died on June 5,

1988, she left the College a large portion of her remaining estate after bequests to family and friends.

"Eugenie Smith was very impressed by the quality of faculty and students here," John M. Lilley, Penn State-Behrend provost and dean, said. "She was a rare spirit and wanted to help young people who aspire to writing. The Clarence A. Smith and Eugenie Baumann Smith Endowment Fund will serve as a living memorial to her enthusiasm and love of poetry."

Mrs. Smith's gift will certainly enhance our four-year English and writing program. James Seroka, head of the Division of Humanities and Social Sciences, said,

At Penn State Erie

Company donates workstations

The Pittsburgh sales office of Silicon Graphics, a computer firm based in Mt. View, Calif., has donated three computer workstations worth \$104,000 to the engineering graphics lab at Penn State Erie, The Behrend College.

The Silicon Graphics workstations provide engineering students with the ability to design projects three-dimensionally. Full-color, 3-D images allow students to test engineering theories without designing time-consuming and costly mock-ups.

"This gift rounds-out what we feel is the

most sophisticated computer engineering graphics lab in the tri-state region," John M. Lilley, Penn State-Behrend provost, said. "This is an outstanding opportunity for our undergraduate students, and we are very grateful for the generosity of Silicon Graphics."

Penn State-Behrend offers two- and four-year degrees in engineering, with options in electrical, mechanical and plastics technology. The new computer equipment helps to accommodate the growing number of students enrolled in engineering programs.

Libraries project

The University Libraries want to identify individual faculty at all University locations who would benefit from personal access to an experimental mode to the library catalog database of the Research Libraries Group.

RLIN (pronounced "R-lin") is the acronym for the Research Libraries Information Network and includes records of the book, journal, and other holdings of major libraries around the country. It currently has more than 33 million records (or books in member library collections and also will help to identify journal titles, musical scores and recordings, archives and manuscripts, maps, visual materials, and data files in English and other languages).

There will be a test period from approximately March 1 to Aug. 31. The only requirements are for a faculty member to have easy access to a computer and modem or a terminal hardwired to the Computation Center, and to have a need for the information appearing in such a database.

We are looking for faculty in any discipline who are compiling or revising bibliographies or doing work that involves identifying or verifying book materials. Researchers who frequently use the *National Union Catalog* or other national bibliographies would also find RLIN useful.

In addition, there are several Special Databases of interest in specific subject areas. RLIN provides access to the *Eighteenth Century Short-Title Catalogue*, the *Avery Index to Architectural Periodicals*, and a research in progress database (literature-oriented).

The online system provides many more access points than a printed catalog: a user can find information by title keywords, authors' names, Library of Congress Subject Headings, in a specific language, etc. The system makes it possible to browse the collections of major research libraries without leaving one's home or office computer terminal. RLIN is easy to use, and training will be provided.

There are a limited number of passwords available for the six-month trial period. First consideration will go to those individuals who contact the Libraries by Friday, Feb. 10. To receive an invitation to find out more information, the contact people are: Linda Friend, Ed. Pattee, E-mail: LCF@PSULIAS, 865-0673; Mary Ellen Larson, E308D Pattee, E-mail: MEL@PSULIAS, 865-3064.

More buildings are added to recycling program

Feb. 5 kicks off the fifth group of University Park buildings to start the campuswide recycling program.

The buildings are Arts; Business Administration I, II and Bean BAB III; Cedar Chambers; Faculty; Keller; Moore; Music; Rackley; Sparks; and Visual Arts Building.

However, people are reminded that not all waste is acceptable for recycling. There are two separations: one for paper and one for containers. Other material is considered non-recyclable trash and should be discarded as usual. Recyclable paper includes white ledger paper (writing, typing and copy), newspaper, computer printout and corrugated cardboard.

"We cannot accept regular cardboard, such as cereal boxes, envelopes, post-it notes or colored paper," Phil Melnick, manager of support operations and special programs for the Physical Plant, says. Containers include clear, green and amber glass, aluminum cans, plastic soda bottles without caps, plastic milk and water jugs (no caps), steel and tin metal cans, and rinsed food and beverage containers.

"Some of the more common errors being made in the disposal of containers are unacceptable items, such as detergent and shampoo bottles, lab glass (tempered), yogurt containers, drinking glasses and bottle caps," Mr. Melnick noted.

"Paper must be dry and not

contaminated by food. Also, containers should be rinsed before depositing in the collection boxes."

The janitorial employees and a network of select individuals in each building have had a more detailed orientation, and they will be assisting with the program in their departments.

With 20 percent of the buildings on-line, about 15 tons of paper and three tons of containers have been collected.

Additional information on the University Park Campus program is available by calling the Recycling Hotline, (814) 865-8000.

NASA scientist to give Dixon Johnson lecture

Stephen Maran, senior staff scientist at NASA-Goddard Space Flight Center's Laboratory for Astronomy and Solar Physics, will present the 1990 A. Dixon Johnson Memorial Lecture in Scientific Communication at 8 p.m. Wednesday, Feb. 7, in 108 Wartik Laboratory at University Park.

The lecture, which is open to the public, is titled "The Best Evidence Yet... How Astronomers Report the Discovery of New Worlds."

Dr. Maran, an investigator of stars, nebulae, and comets, currently is working on NASA's Hubble Space Telescope and the Astro-1 Space Shuttle Mission.

The author of more than 250 articles, he also writes an astronomy column titled Sky Reporter for *Natural History* magazine.

Dr. Maran has been Harlow Shapley Visiting Lecturer of the American Astronomical Society since 1981 and currently is the society's press officer. Before joining NASA's Goddard Space Flight Center in 1969, Dr. Maran was an assistant astronomer at Kitt Peak National Observatory from 1964 to 1969. He earned his bachelor's degree in 1959 at Brooklyn College and his master's and doctoral degrees at the University of Michigan in 1961 and 1964, respectively.

The A. Dixon Johnson Lectures are a

project of the College of Science Alumni Society and are supported by gifts to the Science Fund and the Johnson Foundation. The lectures are named in honor of the late A. Dixon Johnson, science writer and head of the University's Office of Public Information.

Obituary

Elizabeth B. Laird, hostess, Dean of Women, from Aug. 24, 1943, until her retirement June 15, 1985, died Jan. 9. She was 94.

Vice Minister of Education Chao-Hsiang Yang, Mr. Yang is a 1978 graduate of Penn State.

Dr. Richardson noted the trip comes early in Penn State's effort to start a research park in Central Pennsylvania.

"This research park will eventually cover 300 acres, and we are interested in attracting corporate tenants from around the world and particularly from the Far East," he said. "There are many collaborative opportunities for firms that appreciate the benefits of physical proximity to a leading U.S. research university."

Kansai University of Foreign Studies.

Drs. Richardson, Kopp and Ham will visit Korea with stops at Pusan, Pohang City and Seoul and will visit Seoul National University and Pohang Iron and Steel Co. Ltd.

Accompanying Drs. Richardson and Kopp to Taiwan will be Parris Chang, professor of political science and director of the Center for East Asian Studies.

They will visit several universities and the Chiang Ching-Kuo Foundation for International Scholarly Exchange. The group will meet with a number of government dignitaries, including Fredrick Chien, chairman of the Council on Economic Planning and Development and

Far East

(Continued from page 1)

Iyong Ham, FANUC professor of industrial engineering, and LaMarr Kopp, deputy vice president for international programs, also will be traveling with them in Japan.

The corporations and universities include Sony Corp., Toshiba Corp., the Japan Foundation, Tohoku University, Seiko Instruments Inc., the University of Tokyo, Tokyo Kogyo Co., the Research Center for Advanced Science and Technology at the University of Tokyo, FANUC Ltd., Kyocera Corp., Murata Manufacturing Co., Sumitomo Electric Industries Inc. and

News in Brief

Computer seminars

The Phi Delta Kappa chapter at Penn State is offering Computer Technology in Education Seminars in February and March at University Park.

The 10 seminars, designed to introduce participants to the potential uses of computers in education, will be held Feb. 1, 2, 13, and 23 and March 8, 9, 10, 12, and 16. The seminars will cover such topics as "Macintosh in the Classroom: A New Window on the World"; "CD-ROM Technologies in Libraries"; "OmniBus: A Hypercard-Based Counseling, Advising and Orientation Resource; and Artificial Intelligence Applications for Adult and Childhood Education."

WPSU Radio format change

WPSU Radio, 91.1 FM, will change its daily program format beginning Monday, Feb. 5. Classical music will air from 8 a.m. to noon, and the jazz Spectrum will air from 1 to 5 p.m., Monday through Friday. Currently, jazz is heard in the mornings, and Afternoon Classics airs in the afternoons.

Healthy Living Week

The Office of Health Promotion and Education, University Health Services, will conduct its fifth annual Healthy Living Week at University Park Feb. 5

through 9. The week will feature special programs, a keynote speaker and campus-wide distribution of educational materials to emphasize building and maintaining healthy relationships.

"We recognize that interpersonal relationships are a primary concern for college students," Elaine Jurs, assistant director of OHPE and co-chair of Healthy Living Week, said.

Jamie Watsoning, assistant director of residential life at the University of Maryland, Baltimore County, and consultant for the Equity Institute, a multicultural organizational development firm, will give the keynote address at 7 p.m. Monday, Feb. 5, in the HUB Assembly Room.

Credit union annual meeting

The Penn State Federal Credit Union will hold its annual meeting at 7:30 p.m. Wednesday, Feb. 7, in the Assembly Room at the Nittany Lion Inn. There will be refreshments and doorprizes available.

International forum series

Schlow Memorial Library, in conjunction with the International Hospitality Council, is sponsoring a series of programs featuring speakers discussing their native countries. A general question and answer period will

follow each talk.

The programs will be presented at 7:30 p.m. the first Wednesday of the month in the meeting room of the library, 100 E. Beaver Ave., State College.

Following is the schedule: Feb. 7, Ecuador-Gelma Leiva will make a presentation; March 7, Finland-Pia and Petteri Alinikula will discuss Finland and the experience of living between Eastern and Western Europe; Zimbabwe-Rebecca Waterman will share her experiences as a practicing physician working in the refugee campus of Zimbabwe; May 2, LaMarr Kopp, deputy vice president for international programs at Penn State, will be the featured speaker.

National Engineers Week

President Jordan will be the guest speaker for the local National Engineers Week kick-off banquet on Sunday, Feb. 18, at Toffrees. The banquet is sponsored annually by the College of Engineering and includes representatives from local industry, faculty, staff, students and administrators.

National Engineers Week is celebrated annually near George Washington's birthday to commemorate Washington's skills as a military and agricultural engineer. Engineers Week was initiated

by the National Society of Professional Engineers in 1951 to promote engineering education and engineering as a profession.

Individuals interested in attending the event should call banquet organizer Donna Schroyer at 865-1831. Tickets are \$18.50 per person.

Graduate Research Exhibition

Graduate students who want to participate in the 1990 Graduate Research Exhibition can obtain applications from departmental offices or 114 Kern Graduate Building at University Park.

The exhibition will be held March 23-24 in the Kern Graduate Building lobby. Prizes total \$10,000.

Research subjects needed

Subjects are sought for a study evaluating five user-friendly consumer electronic products. They are a voice-controlled microwave, a remote-controlled vacuum cleaner, a TV-VCR with memory, a remote-controlled movable and tiltable TV, and six-speaker audio system with memory.

Subjects will be paid \$5 for less than one hour of participation time. If interested, contact Andris Freivalds or Donghyun Park at 865-2740.

Focus on the arts

'A Class Act'

Sign-ups are being held for "SYNERGY -- A Penn State Class Talent Show," sponsored by the Penn State Alumni Association and the Penn State Thespians, at the Hetzel Union Building desk at University Park.

Dubbed "A Class Act," the show looks to combine the best of Penn State student talent in a night of entertainment for all -- students, faculty, alumni and community members alike. Students from each of the classes -- freshman, sophomore, junior, senior, and graduate, along with a cross-class group -- will compete against each other. A \$250 prize will be awarded to the winner in each of the class divisions. In addition, a prize will be awarded to the overall best-of-show along with a first and second runner-up totaling \$2,400 in prizes.

Those wishing to pick up information about SYNERGY '90 or to sign up for auditions can do so at the HUB desk weekdays from 9 a.m. to 4 p.m. through Friday, Feb. 2. Students also can obtain registration information by calling the Alumni Association at 863-1520 during the day.

Auditions will take place in Schwab Auditorium between 6 and 10 p.m. Monday, Feb. 5, and Wednesday, Feb. 7, and are closed to the general public. A panel of judges will evaluate the acts based on the following criteria: stage presence, creativity, technical skill, appearance, and overall showmanship. Categories for the show include music, theater, dance and variety.

Eighteen acts will be chosen as finalists by the judges to appear in the SYNERGY '90 show, set to take place at 8 p.m. Saturday, March 17, in Schwab.

'An Evening of Dance'

The Department of Exercise and Sports Science, the Black Studies Program and the Paul Robeson Cultural Center are sponsoring "An Evening of Dance" at 8 p.m. Friday, Feb. 2, and 2 and 8 p.m. Saturday, Feb. 3. All three shows will be in the White Hall Dance Theater.

The event features Myrna Munchus-Bullock, artist-in-residence, the Penn State Internationale Dancers, the Contemporary Dance Company, Orchestis, Nommo, Ogontz Dance Company and the Dance Collective.

Tickets are available at the door, \$4 for students and \$5 for general admission.

The arts on Channel 3

Tony Bennett and Lena Horne command the spotlight in *Tom and Lena*, airing at 10 p.m. Friday, Feb. 2, on WPSX-TV.

Backed by Jack Parnell's 48-piece orchestra, Tony and Lena perform on a huge, multi-tiered set, lavishly lit and decorated. Before their musical extravaganza is over, Tony and Lena will have sung all or part of 18 songs, including a medley of Harold Arlen tunes.

Fresh from its triumphant tour across America, Europe and the Middle East, the "American Indian Dance Theatre" takes center stage on *Great Performances: Dance In America* at 2 p.m. Sunday, Feb. 4.

Winter concert

The State College Choral Society, under the direction of D. Douglas Miller, music director, will present a winter concert at 3 p.m. Sunday, Feb. 4, in the School of Music Recital Hall at University Park.

Theme of the concert is "Our American Heritage: American Choral Works from the Eighteenth Century Singing School and from the Twentieth Century Concert Hall." The audience will be invited to share a few of the tunes from William Billings pen and some of the flavor of the Singing School.

Registrants from the Singing School were instructed in the skills of music reading and



This photo is part of an exhibit by Margaret B. Duda at the Lending Services Gallery of Pattee Library.

singing, very often using the most recently published instruction book by the Singing Master who was offering the course. This unique New England tradition stemmed from the need to develop musical skills and hymn singing from the variety of settlers who were trying to establish themselves in a new land.

The second half of the program will include Daniel Pinkham's Wedding Cantata, and Aaron Copland's choral setting of the Genesis text, *In the Beginning*. Janice Wilson, who has previously contributed to several Choral Society performances, will be mezzo soprano soloist.

Admission to the concert is \$5, and \$3 for students and senior citizens.

'Roman Portraits'

"Roman Portraits," an exhibition that includes portrait busts and painted panels from the Roman Empire, opens Sunday, Feb. 4, at the Palmer Museum of Art at University Park. It will continue through April 22.

Portraits were used in Roman society to create visual replicas of dignitaries and common citizens of the Roman Empire and its outlying territories. Media such as chiseled stone, terra-cotta, metal and painted wooden panels were used for the portraits.

Randy Ploog, assistant curator at the Museum, notes, "Imagine the detachment of being ruled by someone you had never seen, except perhaps on a coin, yet that person's authority was the law. In Roman culture, portraits were often the only visual link the populous had to their emperor. Today, however, we take for granted the technology that enables us to have daily visual contact with individuals in power."

"Roman Portraits" originated in 1989 at the University of Iowa, and was reorganized by Mr. Ploog. He was able to include many of the works featured in the original show on loan from The Nelson-Atkins Museum in Kansas City, Mo., the Field Museum of Natural History in Chicago and The Detroit Institute of Arts, as well as the collection of Tom and Nan Riley, an Iowa couple whose pieces formed the core of the first exhibition.

On Thursday, March 8, Richard De Puma, curator of the original exhibition, will be at the Museum to discuss the use of imperial portraiture as instruments of propaganda.

Saxophone music

Dan Yoder, associate professor of saxophone and director of jazz studies in the School of Music, will present a program of saxophone music at 8 p.m. Wednesday, Feb. 7, in the Recital Hall of the Music Building at University Park.

Professor Yoder will be joined by Timothy Shafer, assistant professor of piano in the School of Music, the Penn State Saxophone Quartet and the jazz trio Standard Procedure.

Quartet members are Brian Watson, Lee Anne Burns, Doug Bernstein and Erik McDonough, all students of Professor Yoder. Standard Procedure members are Professor Yoder, saxophone; Jeff Kunkel, piano; and Saadi Zain, bass.

The program will open with a Bach Cello Suite performed on baritone sax. Rapsodie by Debussy and Prelude, Cadenza and Finale by Descendos, will follow, with Professor Shafer accompanying on piano.

Two works by Andrew White, 6 Jazz Parodies for Solo Saxophone and Saxophone Quartet, will feature the Penn State Saxophone Quartet. The last three pieces, "Cake and Ice Cream," an original composition by Mr. Kunkel, "A Nightingale Sang in Berkeley Square" and "Donna Lee" by Charlie Parker, will be performed by Standard Procedure.

Pattee exhibit

The photographic work of Margaret B. Duda will be shown in the Lending Services Gallery of Pattee Library until March 5.

The exhibit, "The Many Faces of Urumqi," will feature black and white photographs of Urumqi, China. Urumqi, the capital city of the far northwest region of Xinjiang Uygur, is the winter home to many semi-nomadic ethnic groups such as the Kazak and Tajik. The photos depict the daily activities of the merchants and their customers in the bazaar there.

Ms. Duda is a State College resident whose travel photos have appeared in *The New York Times* and various other books and magazines. She is a published author, as well, with numerous articles, short stories and books to her credit.

Singing Lions

The Singing Lions will perform in concert at 12:10 p.m. Thursday, Feb. 8, in Eisenhower Chapel at University Park.

The 20-minute concert is part of the spring Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The Singing Lions are a show choir whose repertoire this semester includes a movie medley and a country folk medley.

Museum talk

Lisa Horlein, a registered art therapist at The Meadows Psychiatric Center in Centre Hall, will discuss career opportunities at 10 a.m. Thursday, Feb. 8, at the Palmer Museum of Art at University Park.

The lecture is part of the Museum's "Careers in the Visual Arts" series. Ms. Horlein, who has worked at The Meadows for the past three years, will discuss what an art therapist does, the educational requirements for the job and professional credentials.

Ms. Horlein received a bachelor's degree in psychology and her master's degree in art therapy from the State University of New York at Buffalo. She has worked as an art therapist in residential settings with adolescents and preschool-age children and is certified in crisis intervention counseling.

Brass quintet

The Pennsylvania Brass Works will present a concert of brass quintet favorites at 8 p.m. Thursday, Feb. 8, in the Recital Hall of the School of Music at University Park.

The program will include selections from "West Side Story" by Leonard Bernstein and "Porgy and Bess" by George Gershwin, both arranged by Jack Gale. The quintet also will play the "Fanfare to La Perle" by Dukas and "Centone III" by Mendelssohn, arranged by V. Reynolds.

Members of the Pennsylvania Brass Works are School of Music faculty members Robert Howard, trumpet; Lisa Bontrager, horn; and Mark Lusk, trombone. Joining them will be graduate students John Anthony, trumpet, and Jeffrey Parker, tuba.

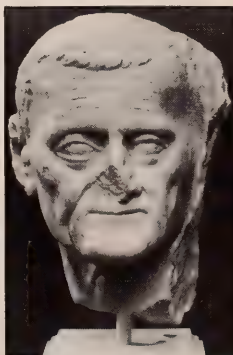
Women's Studies lecture

Sandra Harding, professor of philosophy and director of women's studies, University of Delaware, will speak on "Feminist Epistemology: Women as Knowers" at 8 p.m. Thursday, Feb. 8, in the HUB Gallery at University Park.

Her visit is part of the Six Feminist Scholars lecture series sponsored by the Women's Studies Program and co-sponsored by the departments of Philosophy and Health Education, colleges of Science, Engineering and the Liberal Arts, and the Center for Women Studies.

Professor Harding is the author of *The Science Question in Feminism* (Cornell and Open University Presses, 1986) and of more than 25 articles and chapters in books. Her book won the Jessie Bernard Award of the American Sociological Association in 1987 and was selected as one of the five best books of 1986 by the *Socialist Review*. She is editor and co-editor of several publications and serves on the editorial boards of a number of journals including *Feminist Studies*, *Hypatia: A Feminist Journal of Philosophy and The Women's Review of Books*.

Currently, she is completing a selection of essays titled *Who Knows? Women, Science, Knowledge and beginning a longer-range project, "Race, Gender, Science: An Integrated Approach."*



'Head of a Man in High Relief' is part of the exhibition "Roman Portraits" opening Feb. 4 in the Palmer Museum of Art.

University Park Calendar

February 1— February 11 Special Events

Thursday, February 1

Bach's Lunch, 12:10 p.m., Eisenhower Chapel.
Penn State Chamber Singers.
Women of Color Luncheon, noon-1 p.m., Hotel
State College.

German Dept., 8 p.m., 124 Sparks. Manfred
Durzak, Universitat Paderborn, on "Die zweite
Phase der deutschen Nachkriegsliteratur."

Friday, February 2

Geog. Coffee Hour, 4 p.m., 319 Walker. David
Stoddard, Univ. of Calif. at Berkeley.
"An Evening of Dance," 8 p.m., White Dance
Theater. Also 2 and 8 p.m. Feb. 3. Myrna
Munchus-Bullock, Penn State Internationale
Dancers, Contemporary Dance Co., Orchestis,
Nommo, Ogontse Dance Co., Dance Collective.

Saturday, February 3

Shaver's Creek, 7-9 p.m., Owl Prowl. Call 863-
2000.

Sunday, February 4

Shaver's Creek, 2-4 p.m., Tracks 'n' Traces. Call
863-2000.
Carnegie Hall Film Series, 7 p.m., *Initiation of Life*,
9:15 p.m., *The Real West*, 4 Carnegie. Free.

Monday, February 5

Comp. Lit. Luncheon, 12:15 p.m., 101 Kern.
Tom Berner on "The Doctor's Son Covers a
Euthanasia Trial: John O'Hara the Journalist."
Healthy Loving Week, 7 p.m., HUB Assembly
Room. Keynote speaker, Terrell Jones, Jamie
Washington, Univ. of Maryland, on "Hetero
Sexism and Homophobia: Barriers to Creating
an Environment for Healthy Living, Working
and Growing for Gay, Lesbian and Bisexual
Persons at Penn State."

Tuesday, February 6

Healthy Loving Week, 7 p.m., HUB Fishbowl.
Mary Anne Knapp and Lisa Manning on "The
Intimate Connection: Self-Esteem and
Relationships." Also 7 p.m., HUB Assembly
Room. Leonard Jack, Nadene Chambers and
Delta Sigma Theta sorority members and
friends for an "Oprah" style talk show on
"Male-Female Relationships: The Roles We
Play."

German Dept., 8 p.m., W342 Pattee Library
(Rare Books Room). Earl Haag on
"Pennsylvania German Literature: Trials,
Tribulations and Triumph."

Wednesday, February 7

Center for Women Studies, Brown Bag Lunch
Series, noon-1 p.m., 120 Boucke. Diane
Shenley, Centre County AIDS Project, on
"Women and AIDS."

Healthy Loving Week, 7 p.m., HUB Fishbowl.

Patty Johnstone and Chris Johnstone on
"Loving and Partnering in the '90s: When
Having Half is Better Than Having it All!"
Also 7 p.m., HUB Gallery Lounge. Panel of
gay and lesbian men and women on "Healthy
Same-Sex Relationships."
School of Music, 8 p.m., Recital Hall. Dan Yoder,
saxophone.

Thursday, February 8

Discussion, 10 a.m., Palmer Museum of Art. Lisa
Goldberg, Meadows Psychiatric Center, on
"Careers in the Visual Arts."
Bach's Lunch, 12:10 p.m., Eisenhower Chapel.



The Pennsylvania Brass Works will present a concert of brass quintet favorites at 8 p.m.
Thursday, Feb. 8, in the Recital Hall of the Music Building.

The Singing Lions.
Healthy Loving Week, panel discussion, 7 p.m.,
HUB Fishbowl. Marie Lindhorst, Bill Saxton,
Patricia Koch and a person with AIDS on
"Does Abstinence Make the Heart Grow
Fonder?" and "Alternatives to Intercourse for a
Safer Healthy Loving Relationship."
School of Music, 8 p.m., Recital Hall. The
Pennsylvania Brass Works.
Women's Studies, Six Feminist Scholars, 8 p.m.,
HUB Gallery. Sandra Harding, Univ. of
Delaware, on "Feminist Epistemology: Women
as Knowers."

Friday, February 9

Geog. Coffee Hour, 4 p.m., 319 Walker. Tom
Gardner on "Digital Elevation Models in
Geomorphology and Hydrology."
Center for the Performing Arts, 8 p.m.,
Eisenhower Aud. Jennifer Muller and The
Works.

Saturday, February 10

Shaver's Creek, 7-10 p.m., Members Square
Dance. Call 863-2000.
Penn State Chamber Singers, "Celebration of
Love" concert at 7:30 p.m. Saturday, Feb.
10, in the Rotunda of Old Main at
University Park.

The program will consist of vocal music
and poetic readings from love texts of
various eras. The vocal music, sung a
cappella, includes a range of works from
the Renaissance through the 20th century.
Selections include the "Six Chantons" by
Paul Hindemith and the "Five Nature
Songs" by Antonin Dvorak, sung in their
original Czech language as a tribute to the
Czechoslovakian people. Other composers
represented on the program include
Thomas Moreley, Orlando Gibbons, John
Wilbye, Giovanni Gastaldi, James
Muholland, William Walton, John
Clements and Gregg Smith.

The annual "Celebration of Love" was
begun in 1987 as a tribute to the late
Professor Emerita Willa Taylor. Tickets are
\$7.50 for admission and include a reception
following the concert. For tickets call 865-
0432 or 865-0431.

The Office of Religious Affairs is offering a
weekly video program on "Ethics in
America," the second part of a 10-part PBS

'Celebration of Love'

The Penn State Chamber Singers will
present their fourth annual "Celebration of
Love" concert at 7:30 p.m. Saturday, Feb.
10, in the Rotunda of Old Main at
University Park.

The program will consist of vocal music
and poetic readings from love texts of

Sunday, February 11

Shaver's Creek, 2-4 p.m., Evergreen Walk. Call
863-2000.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5-6:30
p.m.; Saturday and Sunday, 5-6 p.m.; Morning
Edition, Monday-Friday, 6-8 a.m.; Weekend
Edition, Saturday and Sunday, 11 a.m.-1 p.m.
"Odyssey Through Literature," 12:30 p.m.
Wednesdays, with S. Leonard Rubinstein.
"Perspectives," 6:30 p.m. Wednesdays, with
Jeff Ballou. "Creative License," 12:30 p.m.
Thursdays, with Asa Berlin and Pam Saulner.

Conferences

Continuing Education Keller Building

Feb. 7, Dental Seminar, Eric Loop, coordinator.

Seminars

Thursday, February 1

Physics Colloquium, 3:30 p.m., S5 Osmond Lab.
A. van Wijngaarden, Univ. of Windsor, on
"Precision Measurements in Hydrogenic Ions."
Ecology, 3:35 p.m., 111 Wartik. Kim Steiner on
"Views with No Room: Forest Management
Dilemmas in Taiwan."

Monday, February 5

EFF, 4 p.m., 339 Davey Lab. S. Carlip, Princeton,
on "String Theory, Quantum Gravity and (2 +
1) Dimensional Physics."

Tuesday, February 6

Gerontology, noon-1 p.m., 101 Health and
Human Dev. Bldg. East. Bruce Stuart and Frank
M. Ahern on "The Impact of Prescription Drug
Coverage for the Elderly."

Thursday, February 8

Polymer Science, 9 a.m., 301 Steidle. S.N. Gan,
Univ. of Malaya, on "Abnormal Groups in
Natural Rubber and Their Role in Storage
Hardening."
Physics Colloquium, 3:30 p.m., S5 Osmond Lab.
Marlon Scully, Univ. of New Mexico and
Institut für Quantenoptik, on "Observation and
Complementarity in Quantum Mechanics."
New Quantum Optical Testbed.
Ecology, 3:45 p.m., 111 Wartik. Diana Liverman
on "Impacts of Global Warming in Mexico."

Exhibits

Paints and Graphics

Chambers and books by art students at Univ. of New
Mexico, through Feb. 10.

HUB Galleries

Browsing Gallery:
Interiors by Linda Smith-Webster, through March
4.

Art Alley Panels:

Art Student League Spring Exhibition, through
March 4.

Art Alley Cases:

International Festival Show, through March 4.
Formal Gallery:

"Rhythm and Blues: Black American Popular
Music, 1945-1955," Smithsonian exhibit of
photographs, through Feb. 18.

Kern Galleries

The French Revolution Machine, through Feb.
28.

Palmer Museum of Art

The Loti and Victor Smorgon Collection of
"Contemporary Australian Art, through Feb. 11.
The Avant-Garde and the Text, through March
11.

Roman Portraits, Feb. 4-April 22.

Pattee Library

Lending Services Gallery:
Margaret B. Duda, "The Many Faces of Urumui,"
through March 5.

Zotter Gallery

Graphic Design Alumni Exhibition, through Feb.
4.

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of
the message you wish to hear. Messages are
listed in the front of the telephone directories.
Other messages are Weather-234; Arts Line-
345; University Calendar-456.

Focus on the arts

Modern dance

Jennifer Muller and her modern dance
company, The Works, will perform three
new pieces at 8 p.m. Friday, Feb. 9, in
Eisenhower Auditorium at University Park.

Combining form and substance, Ms.
Muller uses the precise lines of classically
trained dance to talk about concrete ideas,
such as how men and women relate and
the way living in a big city can affect
people. Her company will dance her
newest work "Flight of a Predatory Bird,"
which premiered in both New York and
Italy last April, along with "Occasional
Encounters," a piece set to gentle piano
interludes, and "City," which has a more
hectic pace.

Ms. Muller, a graduate of the Juilliard
School, will present a free lecture for
anyone interested in dance at 7:30 p.m.

Feb. 8. The lecture, which is part of Artistic
Viewpoints from the Center for the
Performing Arts, will be held in the
Women's Studies Lounge, 13 Sparks
Building.

Tickets are available through the
Eisenhower Auditorium Ticket Center,
which is open weekdays, 9 a.m. to 4 p.m.,
and the Playhouse Box Office, open
Tuesday through Friday from 11:30 a.m. to
5:30 p.m.

'Celebration of Love'

The Penn State Chamber Singers will
present their fourth annual "Celebration of
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The annual "Celebration of Love" was
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0432 or 865-0431.

'Ethics in America'

The Office of Religious Affairs is offering a
weekly video program on "Ethics in
America," the second part of a 10-part PBS

series.

Each presentation on professional ethics
will be followed by a discussion led by
members of the University community.
The spring schedule.

-- Thursday, Feb. 15: "Loyalty: Under
Orders. Under Fire," Ethics in the Military
(part 1), Eisenhower Chapel, 3 p.m.

-- Thursday, Feb. 22: "Confidentiality:
Under Orders. Under Fire," Ethics in the
Military (part 2), Eisenhower Chapel, 3
p.m.

-- Thursday, March 15: "Truth-telling:
Truth on Trial," Ethics in Public Relations,
Eisenhower Chapel, 3 p.m.

-- Thursday, March 29: "Help and Harm:
The Human Experiment," Ethics in Medical
Research, Eisenhower Chapel, 3 p.m.

-- Thursday, April 12: "Privacy: Politics,
Privacy and the Press," Ethics in Journalism,
Eisenhower Chapel, 3 p.m.

For more information, contact the Office
of Religious Affairs, 865-6540 or
Eisenhower Chapel, 865-6548.

Appointments

Bradford E. Choate, director of corporate and foundation relations at Ohio State University, has been named associate vice president for development and university relations, effective March 5.

Mr. Choate will manage the Office of University Development and provide support for The Campaign for Penn State the University's \$300 million fund drive which ends June 30. He will report to G. David Gearhart, senior vice president for development and university relations. "We're delighted to have recruited Brad, and we know he'll provide vital leadership in Penn State's efforts to attract substantial private gift support," Dr. Gearhart said. "His experience at Ohio State -- which has mounted the most successful public university campaign in America -- will be especially valuable in his work at Penn State."

At Ohio State, Mr. Choate's corporate and foundation relations program provided expertise and support to 30 development officers in the context of a \$350 million campaign. The Ohio State Campaign, which also ends June 30, has raised more than \$410 million, the largest campaign total ever raised by a public university.

Since 1986, when he became director of corporate and foundation relations at Ohio State, corporate giving has increased 140 percent to \$34 million in 1989. Foundation giving, increased during the same period by 244 percent to \$11 million annually.

From 1984 to 1986, Mr. Choate was a development officer at Ohio State, serving the College of Home Economics and the College of Agriculture.

From 1983 to 1984, he was dean of institutional advancement at Frontier Community College in Fairfield, Ill., where he had previously (1980 to 1983) served as director of institutional research and development.

He holds an M.S. in education and a B.A. in history and political science from Southern Illinois University.

The College of Engineering has received a gift from FANUC Ltd. of Japan to establish

a term professorship.

Yinyong Ham, professor of industrial engineering and an international authority on group technology and manufacturing systems, has been named the FANUC Professor.

FANUC Ltd., the largest manufacturer of numerical controls for machine tools in the world, produces industrial robots, plastic injection machines and laser machines. In the United States, FANUC is involved in joint ventures with General Motors, General Electric and the Cincinnati Milacron Machine Tool Co.

One of the original proponents of applying group technology for effective implementation of computer-integrated manufacturing, Dr. Ham also has developed curricula on manufacturing systems as a core course in industrial engineering. His lectures and training workshops have reached audiences around the world from students at Penn State to manufacturing engineers in Japan and China.

He was the recipient of a Senior Fulbright Professorship to the Soviet Union and is a Fellow of the Society of Manufacturing Engineers and the American Society of Mechanical Engineers. In 1986, Dr. Ham received the SME International Education Award and has received the College of Engineering outstanding teaching and research awards.

Dr. Ham is a member of the International Institution for Production Engineering Research and served as president of the North American Manufacturing Research Institution of the Society of Manufacturing Engineers. He is author or co-author of several books, handbooks and more than 100 technical papers.

The FANUC gift creates the first named professorship in the Industrial Engineering Department. FANUC has been a major supporter of Industrial Engineering. The company has donated a machining center and two industrial robots and has played a significant role in developing the college's Computer Integrated Manufacturing Laboratories.

Stewart K. Kurtz, professor of electrical engineering and Murata professor of materials research, has been appointed director of the Materials Research Laboratory.

"Novel materials will fuel the next wave of technological change and economic growth that will carry us into the 21st century, and Penn State's expertise in materials research, which is second to none, will help us get there," Dr. Kurtz said.

He believes that Penn State's already strong reputation in materials can be further enhanced by greater coordination and integration of research efforts now being conducted in a number of departments in several colleges.

Dr. Kurtz came to Penn State in 1987 after a long and productive research career at Bell Laboratories, the Philips Co. and Bristol Myers. He played a key role in the early discovery and development of materials used in laser systems, optical communications and compact disc systems.

According to Dr. Kurtz, high temperature ceramics, fiber reinforced composites, ferroelectric thin films on semiconductors, molecular scale electronic composites, synthetic diamond films, biomedical materials and chemically bonded ceramics are among the most promising materials for the future.

"Devices fabricated from these materials will help protect the environment, conserve energy, and improve education, personal health and waste management," he said.

"Gifted people are already at work on these and other potentially exciting materials in many parts of the University. What we need now is greater collaboration and coordination. MRL, with its strong interdisciplinary approach firmly in place, will spearhead this effort and bring it about."

Bernhard R. Tittmann, former manager of materials characterization at the Rockwell International Science Center in Thousand Oaks, Calif., has been named the first Bayard D. Kunkle Professor of Engineering. The professorship was endowed in

memory of Bayard D. Kunkle, a 1907 electrical engineering graduate of Penn State. Mr. Kunkle received an M.S. degree in 1908 and went on to become vice president of General Motors Corp. and a member of its board of directors.

Dr. Tittmann, who is based in the Engineering Science and Mechanics Department of the College of Engineering, will teach graduate and undergraduate students as well as continue research in composites, thin films, superconductivity and microelectronic materials.

The Bayard D. Kunkle Professorship also provides funding for research and instructional materials and equipment, including an acoustic microscope. "The Kunkle funding will advance our understanding of subsurface non-invasive evaluation of mechanical properties of arbitrary materials," Dr. Tittmann said.

The acoustic microscope provides a non-destructive means of evaluating materials below the surface. Dr. Tittmann will use the microscope to research composite materials science, biomedical tissue engineering, and evaluation of thin films and coatings, such as diamond.

Dr. Tittmann received a Ph.D. in 1965 from the University of California at Los Angeles, in solid state physics. He is a Phi Beta Kappa graduate of George Washington University.

He is a member of several professional societies, including Sigma Xi, Sigma Pi, Sigma, the American Physical Society, Institute of Electrical and Electronics Engineers Sonics and Ultrasonics, the Society for Exploration Geophysics and the Acoustical Society of America. He also is an IEEE Fellow.

In addition to his research activities, Dr. Tittmann has taught at UCLA and was a visiting professor at the University of Paris, III and VII. He has written more than 160 papers with significant contributions in superconductivity, ultra-sonic microstructural characterization, and rock mechanics/acoustics. He also has 12 patent disclosures and holds five patent awards.



Bradford E. Choate



Yinyong Ham



Stewart K. Kurtz



Bernhard R. Tittmann

Penn Staters

Lynn Hinds, associate professor of communications, has received the Pennsylvania Association of Broadcasters 1989 "Special Recognition" Award for Excellence in Broadcasting for his work on the "Pennsylvania Game" quiz show.

Robert E. Newnham, Alcoa professor and chair of solid state science, Materials Research Laboratory, and **Karl E. Spear**, professor of ceramic science, were keynote lecturers at the 32nd Congress of the International Union of Pure and Applied Chemistry held in Stockholm, Sweden. Dr. Newnham spoke on "Integrated Electroceramics," and Dr. Spear spoke on "High Temperature

Chemistry of High Performance Materials."

Robert M. Stern, professor of psychology, and **Kenneth L. Koch**, associate professor of medicine, presented papers at the XIIIth International Symposium on Gastrointestinal Motility in Bmunden, Austria, and at a gastrointestinal psychophysiology conference in Budapest, Hungary.

John D. Swisher, professor of education, led a group of U.S. psychologists and health care professionals on an educational program in Russia that focused on the prevention of drug and alcohol abuse.

David T. Wilson, professor of marketing, chaired the International Marketing and Purchasing conference, "Research in Marketing: An International Perspective," and presented two papers at the conference.

Cengiz Camci, assistant professor of aerospace engineering, presented a paper, "A Convective Heat Transfer Study on the Strongly Concave Surface of a Film Cooled Turbine Rotor Blade," at the 9th International Conference on Air Breathing Engines in Athens, Greece.

J.L. Duda, professor and head of Chemical Engineering, has been elected to the Governing Board of the Council for Chemical Research Inc.

H. Thomas Hahn, professor of chemical engineering and mechanics, has been appointed to the National Research Council Committee on Assessment of Research Needs for Wind Turbine Rotor Materials Technology.

Dorothy V. Harris, professor of exercise and sport science, has received the 1989 distinguished Alumni Achievement Award from James Madison University.

Friederich G. Helfferich, professor of chemical engineering, has been selected Outstanding Counselor by the American Institute of Chemical Engineers. The award, supported by Union Carbide, recognizes outstanding counseling for student chapters of AIChE during the 1988-89 school year.

Partings

Emerson Hibbard, professor of biology has retired with emeritus rank after 21 years service.

Dr. Hibbard's research involved the orientation of nerve fibers, particularly in the visual system, in fish and amphibians. A graduate of Cornell University with a bachelor of science degree in zoology, Dr. Hibbard was a biologist and an assistant oceanographer on the summer 1950 Blue Dolphin Arctic Expedition and a member of the U.S. Air Force weather service before earning both his master's and doctoral degrees at the University of Michigan.

Before joining the Penn State faculty as an associate professor in 1968, he was a biologist at the Laboratory of Perinatal Physiology, National Institute of Neurological Diseases and Blindness, in Bethesda, Md. He also was a Research Fellow at the California Institute of Technology, Pasadena, Calif., and was promoted to Senior Research Fellow in the biology division in 1966.

From 1979 to 1980, he was a Visiting Fellow at the Australian National University's Research School of Biological Sciences in Canberra ACT, Australia. He became a full professor at Penn State in 1973.

Dr. Hibbard plans to spend more time painting, drawing, and raising orchids in his greenhouse.

Emilie McWilliams, associate librarian and head of the Earth and Mineral Sciences Library, has retired after 24 years of service.

Mrs. McWilliams received her bachelor's degree in chemistry from Carnegie Institute

of Technology in 1948 and master's degree in library science from the University of Pittsburgh in 1963. She began her library career at Penn State in January 1960 as senior assistant librarian in the Earth and Mineral Sciences Library and was promoted to associate librarian in 1971.

Her special contributions have centered on service to library users, and in development of collections for research and instruction. She was the recipient of the Matthew J. and Anne C. Wilson Outstanding Teacher Award from the College of Earth and Mineral Sciences in 1976.

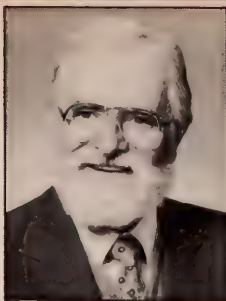
Prior to joining the University faculty, Mrs. McWilliams was a librarian at Carnegie Library of Pittsburgh and a literature searcher for the American Petroleum Institute. Previously she was employed as a research chemist at Consolidation Coal Co., U.S. Quartermaster Department, Philadelphia, and American Viscose Co.

Mrs. McWilliams plans to retire to the Eastern Shore and will become actively involved with environmental concerns.

Richard F. Stinson, professor of agricultural education and horticulture, has retired after 22 years service.

Before joining the College of Agriculture in August 1967, he was a faculty member at the State University of New York at Alfred, the University of Connecticut and Michigan State University.

Professor Stinson's responsibilities at Penn State included managing the agricultural science major, teaching several agricultural education classes and directing independent studies and internships. He



Emerson Hibbard

also oversaw graduate student committees in his department and designed courses and educational materials.

"Teaching is my favorite part of being a professor," he says. To satisfy his love of instruction, he will continue to teach his "Agricultural College Teaching" course each fall.

Professor Stinson participated in educational projects and tours in Venezuela, Puerto Rico and Western Europe. In 1985 he earned the Outstanding Service Award from the Eastern Region of the American Association of Teacher Educators in Agriculture.

He is a member of the American Society for Horticultural Science, the American Vocational Association and the National Association of Colleges and Teachers of

Agriculture, among other organizations.

In addition to occasional teaching at the University, he plans to keep busy writing and consulting, as well as visiting family members in various locations around the country.

Paula M. Stump, coordinator, rehabilitation billing, Hershey Medical Center, from June 18, 1979, until Dec. 23.

James Sweigart, manager, Prosthetics/Orthotic Shop, Hershey Medical Center, from the acquisition of Elizabethtown Hospital July 1, 1982, until Dec. 30.

Emily Anders, secretary at Ogontz Campus, from Sept. 16, 1977, until Jan. 1.

Don E. Hand, police service officer at Altoona Campus, from Aug. 29, 1978, until Jan. 1.

Edna Molinar, clerk typist at McKeesport Campus, from Oct. 13, 1975, until Jan. 1.

Anna Jane Moore, secretary at McKeesport Campus, from March 18, 1963, until Jan. 1.

Rose Reedy, secretary at Penn State Harrisburg, from July 1, 1967, until Jan. 1.

Glenn Boonin, refrigeration technician, Physical Plant, from Aug. 3, 1970, until Feb. 1.

Alexander Black, director of health care program development, Commonwealth Educational System, from Sept. 1, 1962, until Jan. 1.

Helen E. Archer, engineering assistant, University Libraries, from March 23, 1964, until July 1.

Helen Bokach, earth and mineral science assistant, University Libraries, from July 1, 1957, until July 1.

Faculty/Staff Alerts

Courses for Faculty and Staff
The Human Resource Development Center has openings in the following courses being offered in February. Call the center at 865-3410 for registration information.

Communication Skills for Women A
discussion on the impact of gender on communication; meets from 9 a.m. to 4 p.m. Wednesday, Feb. 7; cost: \$55.

Performance Appraisals Participants will learn how to effectively appraise staff personnel following the priorities and objectives of performance appraisal at Penn State; meets from 1:15 to 4 p.m., Thursday, Feb. 8, or Thursday, Feb. 22; cost: none.

Career Planning Participants will make a self-assessment of career related interests, values, and abilities with the use of various computer-based career planning assessment measurements; class meets for two half-day sessions, from 8:30 to 11:45 a.m. Monday, Feb. 12 and 19; cost: none.

Coaching Employees for Improved Job Performance Increase your supervisory

confidence and skills in dealing directly with employees about workplace problems and work performance; meets from 9 a.m. to 4 p.m. Wednesday, Feb. 14; cost: \$55.

Assertiveness Participants will learn to distinguish between passive, aggressive, and assertive behavior; meets from 9 a.m. to 4 p.m. Feb. 21; cost: \$55.

Managing Change Join Ken Blanchard in this powerful video program that offers practical assistance in understanding and managing the complexities of change from two perspectives—the "givers" and the "implementers"; meets from 8:30 a.m. to 4:30 p.m. Wednesday, Feb. 28; cost: \$55.

Obituary

Alice G. Swanson food preparer, Housing and Food Services, from Sept. 17, 1964, until Nov. 15.

Bookshelf

Robert R. Edwards, professor of English, is the author of *Ratio and Invention: A Study of Metaphorical Logic and Narrative*, published by Vanderbilt University Press. In *Ratio and Invention*, Dr. Edwards examines the complex relations of literary theory and practice in the Middle Ages. Analyzing medieval arts of poetry, he shows that literary theory is not merely prescriptive nor does it describe the poet's craft; rather it is part of poetic discourse and becomes a source of poetic meaning.

Dr. Edwards concentrates on two key analytical concepts of the period. St. Augustine connected lyric poetry to the principles of mathematical ordering, the ratio, presumed to underlie music. Medieval narrative drew on the procedures of invention originally developed in classical rhetoric.

Ratio and Invention is the first winner of the Norman L. and Roseale J. Goldberg Prize awarded annually to the best manuscript in literary criticism in a

competition directed by the Vanderbilt University Press.

Joseph Prewitt-Diaz, associate professor of education, is co-author with Robert Trotter II and Vidal Rivera Jr. of *The Effects of Migration on Children: An Ethnographic Study*.

The book, funded by the Pennsylvania Department of Education and printed by the Division of Migrant Education, was written to provide results of a re-analysis of a previous ethnographic study. Focusing on behaviors, motivation and lifestyles of migrants in the United States, *The Effects of Migration on Children* paints a vivid picture of the culture of migrancy.

In this report, information collected from migrants, anecdotes, direct quotes and other data is organized into a sequence paralleling the process a migrant follows in relocating from home-base to where the crops are available for picking.

The book has been recognized with the American Anthropological Association's 1989 Education Award.

25-year award recipients



Observing 25 years of service at the University are, from left, Jerome Duck, supervisor, Tennis Complex, Auxiliary Recreation Services; Nina Hammer, secretary, Keller Conference Center, Commonwealth Educational System; Donald Hopkins, associate

professor of music, College of Arts and Architecture; Raymond E. Musser, heating and ventilation technician, Office of Physical Plant; Jacqueline G. Wells, assistant professor of mathematics, Penn State McKeesport Campus.

Search for affirmative action officer to be initiated

Following an evaluation of the structure and role of the Affirmative Action Office, the University will initiate a national search to fill the top position in that office.

"A search committee will be appointed in the near future to identify strong candidates for the position of affirmative action officer," William C. Richardson, executive vice president and provost, said. "Internal and external candidates will be considered for the position.

"We are looking for an individual who will move the office into the 1990s and who will help focus attention on the changing workplace," Dr. Richardson said. "As a result of our evaluation, some key changes will be made which we think will

further strengthen the effectiveness of the office.

"The new affirmative action officer will report to the Office of the President through the vice president and vice provost, the position currently held by Robert Dunham. This will give the affirmative action officer a direct line of communication into the senior administration of the university. For practical purposes, the affirmative action officer will have increased access to the Office of the President."

Billie S. Willis, assistant vice president for human resources, currently serves as acting affirmative action officer. Dr. Willis will continue to serve as acting affirmative

action officer until the new individual begins duties. She previously had responsibility for the affirmative action office at the University of Massachusetts.

"During the past three months, we've looked at the role of the office and considered models at other institutions," Dr. Willis said. "It is obvious that the role of the office here at Penn State is taking on continued importance as we move forward with our agenda for diversity.

"Many issues are changing as quickly as the workforce has changed. There are increasing numbers of women and minorities in key positions at Penn State, and that is a trend we expect to see continue. The Affirmative Action Office

will have to address new issues in the 1990s."

Through the re-structured position, the office will concentrate its focus on compliance and enforcement, overseeing activity throughout the University. This focus is expected to complement the work of the new vice provost for under-represented groups, who will have responsibility for developing and implementing diversity programs.

Dr. Willis said she will not be a candidate for the position of affirmative action officer, but intends to return to full-time duties as assistant vice president for human resources.

Admissions has 20 internships for counselors

An internship program for high school guidance counselors to get an overview of Penn State and the Penn State experience has been instituted by the Undergraduate Admissions Office.

Scott F. Healy, director of admissions said the purpose of the internship is to foster partnership between the high school guidance community and Penn State's admissions office and the University.

"The program is designed to encourage

dialogue and the sharing of perspectives from the respective academic communities. The Undergraduate Admissions Office values greatly the shared mission with the high school guidance community in helping young people make good choices for the future."

More than 160 counselors applied for the program, which will bring to University Park 20 guidance counselors from throughout the Commonwealth.

Mr. Healy said that the counselors, who will participate for one week in groups of five, were selected to represent the campus service areas; ethnic and gender diversity; and a cross-section of high schools — suburban, urban, inner-city, rural, parochial and private.

The first two internships were held Oct. 23-27 and Jan. 22-26. Two others are scheduled Feb. 19-23 and March 12-16.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304). Applications for these staff vacancies will be accepted until Feb. 8. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications to staff vacancies are considered in accordance with Fair Employment practices (FS-1) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law); sex, or status as a disabled or Vietnam era veteran.

• Assistant Manager Food Services, Housing and

Food Services, University Park Campus — Responsible to manager of food services for assisting in supervising the overall operation of a food service unit which will include daily functions of technical service and student employees. Maintain high standards of food preparation, service and sanitation. Must operate within budget and food cost allotments while supervising all food preparations and services in the unit. Requires bachelor's degree, or equivalent, plus one to two years of effective experience. STAFF GRADE 5.

• **Information Technology Associate, Science, Astronomy, University Park Campus** — Responsible to department head for administering departmental computing facilities: provide technical training to users; write documentation; evaluate and recommend purchase of software/hardware; initiate purchase orders and serve as vendor contact; install and maintain hardware/software. Requires bachelor's degree, or equivalent in computer science, electrical engineering, or closely related discipline; plus two to

three years of effective experience. Requires experience operating appropriate hardware and software including UNIX, IBM and networking experience. Macintosh experience desirable. STAFF GRADE 7.

• **Data Coordinator, University Hospital, Medical Records, The Milton S. Henshey Medical Center** — Responsible to the manager, Department of Medical Records, for developing and implementing continuing programs for the dissemination of patient and statistical data. Requires bachelor's degree in business administration and registered record administrator or RRA eligible and three to six months of effective experience or an accredited records technician with at least two years effective experience in a medical records department environment. Knowledge of the ICD Coding System as well as the ability to discern and understand coding and indexing information desirable. STAFF GRADE 4.

• **Coordinator, Academic Program, College of Medicine, The Department of Surgery, The Milton S. Henshey Medical Center** — Responsible to the director of administration, Department of Surgery, for coordinating the professional and academic functions of the department including publications, promotion and tenure, surgical education, residency programs recruitment of academic staff including affirmative action and liaison with other departments and outside organizations. Requires bachelor's degree or equivalent experience, plus one to two years of effective administrative experience. STAFF GRADE 6.

• **Systems Support Specialist (Academic), Behrend College — Computer Center, Behrend College** — Responsible to the manager, Computer and Information Systems, for the technical support of the college's academic computer laboratories, faculty office computers and mainframe computer. Requires bachelor's degree in computer science, management

information systems or equivalent field of study; plus two to three years of effective experience. Experience in configuration of PC hardware, software and networks is essential. Experience with IBM mainframe VM/XA and MVS operating systems, IBM CMS toolset, REXX job control programming language, Digital VAX VMS operating system, VAX DCL job control programming language and UNIX operating systems is preferred. Some experience in use of high level programming languages such as BASIC, PASCAL and FORTRAN is required. STAFF GRADE 7.

• **Registrar, Great Valley, Registration** — Responsible to the director, Graduate Programs Administration, for a variety of functions related to records, registration and scheduling and for proper development and maintenance of related files, systems and procedures; for coordination with academic units of academic program schedules. Requires bachelor's degree, or equivalent, with one to two years of effective experience in higher education administration, records and related information systems or master's degree with up to one year of effective experience. Knowledge of electronic data processing systems and use is required. Supervisory experience preferred. STAFF GRADE 6.

• **Medical Technologist, Student Services, University Health Services, University Park Campus** — Responsible to the senior medical technologist for the performance of a variety of standardized laboratory tests and procedures; receive or obtain patient specimens and make quantitative and qualitative chemical analyses. Requires bachelor's degree and ASCP certification or its equivalent, plus three to six months of effective experience. Must be proficient in venipuncture techniques. THIS IS A FULL-TIME, CONTINUING 10-MONTH POSITION WITH HALF-DAY ON SATURDAYS ONCE A MONTH. STAFF GRADE 4.

Academic affairs applicants are sought

Applications and nominations are invited for the position of director of academic affairs at the Penn State Fayette Campus. The director is responsible to the campus executive officer for providing leadership for all academic matters including the campus faculty.

Qualifications include an earned doctorate, and a minimum of five years experience involving a combination of full-time teaching, research and scholarly activities is required. Candidates also should possess qualifications of a tenured senior-ranked faculty member at Penn State and

strong interpersonal and communication skills. Experience in academic planning, faculty recruitment and development, budgeting, grantsmanship, and faculty governance is especially desirable.

The Search and Screening Committee will begin considering candidates on Feb. 28 and will continue until an appointment is made. Employment begins July 1, 1990. Send resume with the names of three references to: John D. Sink, Campus Executive Officer, Penn State Fayette Campus, P.O. Box 519, Department CHE, Uniontown, PA 15401.

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William E. Campbell Jr., Editor
Deborah A. Benedetti,
Assistant Editor
Kathy Gorman, Calendar

February 1, 1990
Vol. 19, No. 20

Recycling Program

The fifth group of University Park buildings start recycling program. See story on page 3.

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INTERCOM

February 8, 1990

Volume 19, Number 21

Information submitted for publication in *Intercom* is due by noon on the Thursday before publication.

For support of University programs Faculty and Staff Campaign under way

Penn State's faculty and staff will soon be able to say, "I gave at the office," and at the same time support University programs of their choice.

The annual Faculty and Staff Campaign is under way. Since the early 1980s, Penn State employees have designated more than \$3 million to scholarships, equipment purchases, and academic programs.

According to Faculty and Staff Campaign cochairs **Eunice N. Askov**, professor of education and director of the Institute for the Study of Adult Literacy, and **Leon J. Stout**, librarian and University archivist in the Penn State Office at Pattee Library, the campaign offers employees of the University a unique opportunity to respond to needs they see every day.

"For many years this has been a practical and effective way to make a difference," Mr. Stout said. "I give to the Libraries, for instance, because I can see first-hand where my gift is needed. Each of us sees programs and areas that deserve our help, even if they are outside our own unit."

"We all 'give at the office,' daily, and sometimes more than from just 8 to 5. But we also receive many benefits and wonderful facilities from the University."

This campaign is our chance to lead by example, too. Alumni and corporate donors



Faculty and Staff Campaign Cochairs Eunice N. Askov and Leon J. Stout.

are more willing to give to University programs if they see a high level of participation by staff and faculty."

More than 3,000 faculty and staff gave in excess of \$1 million last year to colleges, campuses and academic units. The average

gift was \$140, nearly double the average gift of five years earlier. Participation and total amount contributed have increased steadily since faculty and staff were first approached on an annual basis to support University programs in 1980.

"It was gratifying that 33 percent of all employees made a gift to the University last year," Dr. Askov said. "Our goal this year is to increase participation, seeking contributions from one of three University employees."

"We know better than anyone that state support of higher education is not adequate. Our record of giving will be a solid symbol of our support for higher education and Penn State."

"Making the commitment is easy to do, and a relatively small monthly contribution will give Penn State a tremendously successful start for the 1990s," she added.

The Faculty and Staff Campaign at University Park will run through March 31. Campaigns are conducted at other Penn State locations throughout the academic year.

The campaign cochairs remind staff and faculty that giving through payroll deduction is a convenient way to give. A flyer has been mailed to University Park employees, and further information will be mailed within the next few weeks.

More information can be obtained from the Office of Annual Giving, 17 Old Main, 863-2052.

Faculty, staff members support programs of their choice

"A university that supports itself is able to attract the support of others."

President Jordan

"I give to support the research, education and extension programs of the College of Agriculture, because I'm in a position to know they are important to the people and industry of our state." **Keith Stevens**, assistant to the dean, College of Agriculture

"It makes me feel good knowing I can provide financial support to the University by designating my gift for student scholarships." **Susan Winck**, administrative director of undergraduate programs, College of Business Administration

"I give to the Behrend Scholarship Fund, because I want to support the educational mission of this University in every way possible. The payroll deduction plan makes giving easy and painless. I see the small amount I give each month as a worthwhile investment in our future." **Pat Bailey**, director of admissions, Penn State Erie, The Behrend College

"I came to the University from a job with a major contributor to The Campaign for Penn State, and I am convinced the grass-roots support from our faculty and staff is a key to ensuring sustained corporate giving to Penn

State." **Raymond D. Nargi**, associate treasurer

"Our giving confirms that we as University - faculty and staff - value what we do and that we recognize the importance of higher education." **Paul Perrone**, instructor of English, Penn State Worthington Scranton Campus
"I have worked at Penn State for 16 years, and I have seen how gifts can make a difference. The Four Diamonds Fund at Hershey has been an especially attractive fund to me as I have watched the dedication of volunteers including faculty and students make a difference in the lives of young people with cancer." **Helen Rudolph**, accounting



clerk, Office of Development and University Relations

University is ranked nationally in total federal funds

The University ranks fifth among public universities and 11th among all colleges and universities for total federal funds for fiscal 1988, according to a recent report from the National Science Foundation.

Penn State's total federal funding amounted to \$164,492,000. These funds include obligations from 15 federal agencies that make up about 95 percent of all federal funds to colleges and universities in the United States.

Penn State also ranks 18th among all colleges and universities in federal funding for scientific and engineering research and development in fiscal 1988, which amounted to \$105,243,000.

"The NSF report shows that Penn State is among the top research institutions in the country," Charles L. Hosler, senior vice president for research and dean of the

'The NSF report shows that Penn State is among the top research institutions in the country. Research at Penn State is not only beneficial to the government, it also leads to the development of new products and processes that result in new industries and jobs.' —Charles L. Hosler

Graduate School, said.

"Research at Penn State is not only beneficial to the government, it also leads to the development of new products and processes that result in new industries and jobs."

Other top research universities in rank order are Johns Hopkins University, first, with total federal funding of \$592,176,000; Stanford University, second, with \$237,453,000; the University of Washington, third, with \$220,260,000;

Massachusetts Institute of Technology, fourth, with \$214,557,000; and Cornell University, fifth, with \$193,134,000.

The University of California at Los Angeles, the University of Michigan, Howard University, Columbia University and the University of California at San Francisco rank sixth through 10th.

Other Pennsylvania colleges and universities among the top 40 recipients of federal funds include the University of Pennsylvania, 17th, with \$142,796,000; the University of Pittsburgh, 26th, with \$101,669,000; and Carnegie Mellon University, 35th, with \$80,412,000.

Penn State also receives funding from the state government, business and industry, foundations and other organizations and institutional funds.

Focus on Diversity

Diversity Opportunities Calendar

Saturday, Feb. 10

Office of Minority Faculty Development, 9 a.m. to noon, 114K Kern. Minority Faculty Workshop on promotion and tenure by Harold Cheatham, associate professor of education. For reservations, call Leah Witzig at 863-1663.

School of Communications, noon, C-Net (Channel 24). Recorded broadcast of Forum on Black Affairs 12th Annual Martin Luther King Memorial Banquet. Also Feb. 13, 7:30 p.m.

Penn State Harrisburg, 8 p.m., Capital Union Building. Musical performance by Paradise Jam.

Sunday, Feb. 11

Penn State Association of Black Journalists, 2 p.m., 4 Carnegie Building. Film, "Eyes on the Prize: Mississippi is This America"

Monday, Feb. 12

Penn State Erie, The Behrend College, 8 p.m., Reed Lecture Hall. Musical tribute to contributions made by African Americans: "Uplifting the Race: A Musical and Historical Perspective."

Penn State Harrisburg, 7 p.m., Gallery Lounge. African American musical overview presentation by musician Josh White.

Paul Robeson Cultural Center, 7 p.m.,



HUB Ballroom. Lecture on "Organization Within the African Community in North America and Abroad" by Kwami Ture, known as Stokely Carmichael during 1960s.

Tuesday, Feb. 13

Penn State Erie, The Behrend College, 8 p.m., Reed Lecture Hall. Musical Jubilee (jazz, blues, gospel) presented by Penn State-Behrend's Association of Black Collegians.

Penn State Harrisburg, 7 p.m., Capital Union Building. Program on "Role of African American Men in the '90s" by Penn State Alumni Raymond Bennett and Clue Wilkin.

Wednesday, Feb. 14

Center for Women Students, noon to 1 p.m., 120 Boucke. Brown Bag Lunch Series film and discussion on "Gotta Make This Journey: Sweet Honey in the Rock."

Penn State Harrisburg, noon to 1 p.m., Black Cultural Arts Center. Panel discussion on "New Direction: African American Business in the '90s."

Thursday, Feb. 15

Paul Robeson Cultural Center, 6:30 p.m., Robeson Center. La Francis Rodgers Rose on "Black Male/Female Relationships: From the History to the Present."

Center for Women Students, 8 p.m.,

HUB Assembly Room. Contemporary Scholarship on Lesbian and Gay Lives Speaker Series. Charles I. Nero on "Pink, Black and Red: Male Homosexuality and Nationalism in African American Literature."

Friday, Feb. 16

Paul Robeson Cultural Center, noon, Kern. Film, "Keeping the Faith."

Center for Women Students sponsors lectures, films

The Center for Women Students at University Park has scheduled lectures and films for the week of Feb. 12 as part of an ongoing spring semester schedule of events.

A noon brown bag lunch series will feature Michelle Parkerson's documentary film "Gotta Make This Journey: Sweet Honey in the Rock" on Wednesday, Feb. 14, in the Center for Women Students Lounge, 120 Boucke Building. Sabrina C. Chapman, director of the Center for Women Students, will lead a discussion that will focus on the music, politics, and social justice concerns of the group. Sweet Honey in the Rock.

La Francis Rodgers-Rose, professor of sociology at Drew University and president and founder of the International Black Women's Congress, will speak about "Black Male/Female Relationships: From the History to the Present." The lecture will be held at 7 p.m. Thursday, Feb. 15, in the Paul Robeson Cultural Center.

Sponsored by the Upwardly Mobile African-American Women's Committee of the Black Caucus and the Alpha Kappa Alpha Sorority, her lecture also is co-sponsored by Black Studies, the Center for Women Students, the Paul Robeson

Cultural Center, Women's Studies, and other University units.

Also on Thursday, Feb. 15, Charles I. Nero, assistant professor of speech communications at Ithaca College, will speak on "Pink, Black, and Red: Male Homosexuality and Nationalism in African-American Literature" at 8 p.m. in the HUB Assembly Room.

As part of the Contemporary Scholarship on Lesbian and Gay Lives Speaker Series, Professor Nero's lecture is sponsored through Equal Opportunity Planning Committee funding and the Department of Human Development and Family Studies.

Co-sponsors are the Center for Women Students, Black Studies, Women's Studies, the Paul Robeson Cultural Center and the School of Communications.

In addition, the Undergraduate Student Government Department of Women's Concerns meets Wednesday throughout the semester at 7:30 p.m. in the Center for Women Students Lounge, 120 Boucke Building.

For further information, contact the Center for Women Students in 102D Boucke Building, (814) 863-2027.

16th annual International Festival scheduled

The 16th annual International Festival will be held Feb. 12 to 18 at University Park.

Theme of the festival, sponsored by the International Student Council and Penn State's Office of International Studies, is "Experience Diversity at Penn State."

"The festival is the biggest international activity of the year in this region," Abbas Aminmansour, president of the International Student Council, said. "We hope that, through our activities during this week, we can create a better awareness of the very diverse international community that we have here at Penn State."

Featured speaker for the festival will be Victor Sukhodrev, special assistant to the United Nations Secretary General, who will discuss "The United Nations in a Changing World" at 7:30 p.m. Monday, Feb. 12, in Room 112 Kern Building.

Mr. Sukhodrev, a citizen of the Soviet Union, has been a personal translator and

interpreter for several Soviet secretary generals, foreign ministers, and other high ranking officials. He has been involved in the international scene for many years and has attended United Nations General Assemblies for over 20 years.

At 7:30 p.m. Wednesday, Feb. 14, Stephen Smith, associate professor of agricultural economics, will present a lecture in the HUB Assembly Room. His lecture, "Economics of Drugs from a Latin American Perspective," is sponsored by the Latin American Student Association. A Chinese film, "Dust in the Wind," will be shown at 8 p.m. Thursday, Feb. 15, in Room 111 Forum Building. The presentation is sponsored by the Chinese Student Association.

On Friday, Feb. 16, entertainment from a number of different countries will be featured at the International Coffee House, scheduled for 7:30 p.m. in 101 and 102

Kern Graduate Building and cosponsored by the Graduate Student Association.

Foods from a wide variety of countries will be available for sale in the HUB Ballroom during the International Fair Day, scheduled from 11:30 a.m. to 5 p.m. Sunday, Feb. 18.

Women of Color

Tickets are now available for the third annual National Women of Color Day luncheon, starting at noon March 14 at the Nittany Lion Inn, University Park.

The keynote speaker will be Aileen Hernandez, a former member of U.S. Equal Employment Opportunity Commission and former president of the National Organization for Women. Currently a resident of San Francisco, she has been

active in civil rights and labor issues.

The luncheon is sponsored by the Central Pennsylvania Women of Color. Support for Ms. Hernandez's visit is from the Equal Opportunity Planning Committee.

The cost is \$10 per person. A vegetarian menu is planned in accordance with the cross-cultural spirit of the occasion.

For tickets, contact Puring MacDonald, 865-2016, by March 5.

Banquet broadcast

The 12th Annual Martin Luther King Banquet, held Jan. 15 at University Park, will be broadcast on Channel 24 on the TCI cable system serving the State College-Bellefonte area.

The dates are Thursday, Feb. 8, at 2 p.m.; Saturday, Feb. 10, at noon; and Tuesday, Feb. 13, at 7:30 p.m.

The MLK banquet was sponsored by the Forum on Black Affairs.

The Campaign for Penn State

Exxon grant

A University researcher's three-year effort to sort out the best college courses from the thousands offered each year has received an additional one-year, \$50,000 grant from the Exxon Education Foundation.

James L. Ratcliff, director of the Center for the Study of Higher Education, said college students often face serious problems in deciding which courses to take.

"It's the complexity that makes it tough," he noted. "At a medium-sized school, there might be more than 2,500 different courses in the catalogue. The average adviser can be familiar with only 40 or 50 courses at a time, leaving most students on their own."

The project, the first of its kind, has developed a model that links student gains

in learning outside their major with the specific courses taken by the student.

Dr. Ratcliff's study uses a random, representative sample to correlate improvements on the Graduate Record Examinations with courses taken by students at five colleges and universities across the nation. The GRE measures performance in nine areas, such as analytical thinking and verbal skill.

Also planned are analyses of certain courses that have consistently been associated with improved student learning over the years, and studies of the methods of faculty who teach these courses.

"We won't be able to draw conclusions yet as to which are 'good' courses and which are 'bad,'" Dr. Ratcliff said. "Ultimately, however, we hope to provide reliable information that curriculum

planners can use to pick the most productive courses. Our goal is to eventually give students more confidence that they are picking the 'best' of the best."

The Exxon Foundation grant is part of The Campaign for Penn State, a six-year effort that surpassed its \$300 million goal in November. The Campaign officially ends June 30, 1990.

Ruth estate bequest

The University has received \$75,000 from the estate of John P. Ruth of Reading for programs in the colleges of Health and Human Development, Arts and Architecture and the Liberal Arts. Mr. Ruth, who attended Penn State, made the bequest

in memory of his sister, the late Kay Josephine Ruth, a 1923 Penn State graduate and former teacher in the Reading area schools.

One-third of the donation will help to build a model pre-school child development laboratory playground; one-third will support the American literature program in the Department of English; and one-third purchased classroom chairs and teaching equipment in the Department of Theatre.

Mr. Ruth, who died in 1988 at age 82, was a retired senior editor of the *American Midland Trade Journal* in New York City. Mike Pregon of Reading, executor of Mr. Ruth's estate, said Mr. Ruth and his sister had always valued their education at Penn State and wanted to give something back to the University.

Pauline Friedman gets Mitchell alumni award

Pauline E. Friedman, a 1952 education graduate of Penn State, is this year's recipient of the Philip Philip Mitchell Alumni Service Award. The award, established in 1980 by Elizabeth and Philip P. Mitchell, recognizes an alumnus who has contributed significantly to public service on behalf of Penn State.

Ms. Friedman, a Kingston resident, was nominated because of her leadership and involvement at the Penn State Wilkes-Barre Campus. She has served four years on the executive committee and currently is chair of the board's external affairs committee.

An instrumental volunteer in the campus' capital campaign to build a Center for Technology, she chaired the Leadership Division, which was the first division of The Campaign for Penn State to top its goal, raising more than \$352,000.

Ms. Friedman and her family contributed \$50,000 to the Wilkes-Barre campaign for an Astronomy Dome, and donate regularly to the Annual Fund campaign. She also was



Pauline E. Friedman

influential in organizing the campus' 70th anniversary celebration in 1986 and is a

member of the Mount Nittany Society.

In addition to her involvement with Penn State, Ms. Friedman serves numerous community organizations in the Wilkes-Barre area, where she currently is president of the Family Service Association. She serves on the board of directors of Children and Youth Services, and through that association, initiated the idea of a Paterno Scholarship for a foster child, which the Campus has established.

She is a board member of Ethics Institute NEPA, United Way, United Jewish Appeal, and Interfaith Council of Wyoming Valley, from which she received the 1989 Citation of Distinction for Devoted Service to the Cause of Human Welfare.

As recipient of the Philip Philip Mitchell Award, Ms. Friedman will receive a specially designed certificate, and will name the purpose of a cash gift to the University made by Mr. and Mrs. Mitchell. Her name will be added to a plaque displayed in the Alumni Lounge.

Correction

An announcement of the retirement of Alice G. Swanson was incorrectly labeled in the Feb. 1 issue of *Intercom*. It is listed correctly on page 7.

Obituaries

Mildred A. Martz, production helper, Housing and Food Services, from Jan. 1, 1950, until her retirement April 1, 1990, died Jan. 20 at the age of 83.

C. June Adams, group leader, counter attendant, Housing and Food Services, from Sept. 21, 1949, until her retirement June 12, 1970, died Jan. 25. She was 79.

Kathryn E. Saxton, janitorial worker, Nittany Lion Inn, from July 7, 1952, until her retirement July 8, 1977, died Jan. 31 at the age of 74.

Libraries award nominations sought

Nominations are being sought for candidates for the University Libraries Award. The award, consisting of a citation, a cash stipend and a Nittany Lion statue, is given in recognition of the achievements or performance of any person holding an academic or staff appointment in the University Libraries who meets one or more of the following criteria:

— Professional contribution which has a significant influence on the operations of the Pennsylvania State University Libraries; or significant professional contribution which earns the respect of the University community for the Pennsylvania State University Libraries; or significant

Pennsylvania State University; or outstanding contribution to the Pennsylvania State University Libraries as shown by continuing leadership and innovation.

Nomination forms are available at the following Library locations: Administrative Offices (E505 Pattee), BRSD Secretarial Services (E506 Pattee), Arts (E405 Pattee), Architecture (207 Eng. Unit C), Earth and Mineral Sciences (105 Drake), Engineering (325 Hammond), Information Desk (C102 Pattee), Life Sciences (E205 Pattee), Sciences (230 Davey), and all Commonwealth Campuses.

Donald Davis lecturer is scheduled

Cigarette smoking is blamed for the deaths of more than 1,000 Americans a day, yet cigarette advertising continues to be big business — a business that is increasingly in the courts.

Richard W. Pollay, an expert witness in Cipollone vs. Liggett (New Jersey 1988), which was the first case to be decided against a cigarette firm, will give a public lecture at 8 p.m. Thursday, Feb. 15, in the HUB Auditorium at University Park.

This year's speaker in the School of Communication's *Day's 40th Anniversary* cigarette advertising has changed...

Murder, The American Experience with Cigarette Advertising."

Professor Pollay has served as an expert witness in judicial assessments of both product liability and the constitutionality of bans on cigarette advertising. Professor of advertising and marketing management in the University of British Columbia's business school, he is widely published in marketing journals.

Donald Davis endowed the lecture series in memory of his father, Dr. Donald Davis, who spent his life in the field of journalism at Penn State for 34 years.

News in Brief

John W. Oswald Lecture

The 1990 John W. Oswald Lecture will be held at 4 p.m. Friday, March 16, in the auditorium of the Hershey Medical Center. Dr. Kay Clawson, executive vice chancellor of the University of Kansas Medical Center, will discuss "Embracing Change—Creating a New Tomorrow."

Research grant

Edward Walsh, associate professor of sociology, has received a \$57,000 grant from the Fund for Research in Dispute Resolution, of Washington, D.C., through the University's Center for Research in Conflict and Negotiation. The grant was awarded to study the siting process for waste-to-energy incineration plants and the impact of community mobilization on the outcomes of these environmental disputes.

Fulbright Informal Lecture Series

Robert Brown, associate professor of finance, Penn State Harrisburg, will discuss "Peru: A Multidisciplinary Challenge for Researchers" at 4 p.m. Thursday, Feb. 22, in the Frizzell Room, Eisenhower Chapel, University Park. He received a Fulbright award to Peru in 1988.

The Fulbright Informal Lecture Series is sponsored by the University Office of International Programs.

Penn State Day in Harrisburg

Plans are under way for the second annual "Penn State Day in Harrisburg" scheduled for 10:30 a.m. to 3 p.m. Friday, April 27.

This year's celebration will include a number of activities lasting throughout the day. The main event will be the Penn State Day to be held in Strawberry

Square, a large shopping/office complex located directly south of the Downtown Center. Because of Strawberry Square's location in the state capital, the fair serves as a valuable marketing tool for the University.

Programs and departments are invited to have a display at the fair. There is no charge for display space. To participate in the fair, contact Nancy Karlik no later than Friday, March 30, at Penn State Downtown Center, 234 N. Third St., Harrisburg, Pa. 17101, (717) 783-0433, network 433-0433.

Institute grant

The Institute for the Study of Adult Literacy, directed by Eunice N. Askov, has received a two-year, \$50,000 grant from the U.S. Department of Education for "Literacy: Focus on Volunteers."

In the first year, the Center for Coordinating Design and Interactive Video, will develop a three-credit course designed to train a student literacy course. During the second year, the course will be offered, via distance technology, to a Penn State Commonwealth Campus, with two-way video/audio capabilities.

The project will provide college undergraduates with academic training in literacy education and will foster a spirit of volunteerism and community service among participants.

Campus wins award

The Forestry Department of Penn State Mont Alto Campus has won first prize in the Commonwealth's preliminary Take Pride in America Awards Program. The Mont Alto program now becomes Pennsylvania's entry in the nationwide finals.

Purpose of the Take Pride in America Awards is to reward individuals and public or private groups who have proven particularly effective in the protection of public lands and natural resources.

Mont Alto's award was based not only on its 80-odd-year history of teaching forestry, but on its extensive community service and outreach in conservation education.

Program earns reaccreditation

The Accreditation Board for Engineering and Technology (ABET) announced the reaccreditation of the associate degree program in mechanical engineering technology at Penn State Erie, The Behrend College.

The two-year program at Penn State-Behrend has had ABET accreditation continuously since 1950.

"We are pleased to learn that ABET is accrediting our mechanical engineering technology program," Allen Pufbus, division head for science, engineering, and technology at Penn State-Behrend, said.

Penn State-Behrend has a record enrollment in the two-year mechanical engineering technology major, with close to 90 students registered.

Fulbright scholar awards for 1991-92

The Council for International Exchange of Scholars has announced the opening of competition for 1991-92 Fulbright grants in research and university lecturing abroad.

Application deadlines are: June 15: Australia, Soviet Union, Latin America, except lecturing awards to Mexico, Venezuela and the Caribbean. Aug. 1: Africa, Asia, Western Europe, Eastern

Europe, Middle East, and lecturing awards to Mexico, Venezuela, the Caribbean, travel-only awards to France, Italy and Federal Republic of Germany; Nov. 1: institutional proposals for Scholar-in-Residence Program and International Education Administrators Program in Federal Republic of Germany, United Kingdom and Japan and the Fulbright Germany Studies Seminar; Jan. 1: NATO Research Fellowships and Spain Research Fellowships.

Application materials will be available in March. Contact Elizabeth B. Smith, University Fulbright adviser, Office of International Programs, 222 Bouck Building, 865-7681, or call or write Council for International Exchange of Scholars, 3400 International Drive, Suite M-500, Washington, D.C. 20008-3097, phone (202) 686-7866.

New program

Through a federal vocational education grant, the College of Education plans to offer an occupational therapy assistant program at the Berks and Mont Alto campuses next year.

The curriculum is being jointly developed by faculty in the rehabilitation services education program and Haru Hiram, program coordinator. The two-year associate degree program will alleviate a critical shortage of personnel in the rehabilitation field.

James Kelz, director of the Rehabilitation Services Education Program, notes, "Surveys of health delivery agencies rate it as the field with the third highest vacancy rates. We will be training highly qualified, certified professionals to fill those jobs."

Focus on the arts

The arts on Channel 3

Highlighted by extensive performance footage from the London, Oslo, Budapest and Viennese productions, *Les Misérables* Stage 10 show airing at 9 p.m. Friday, Feb. 9, on WPSX-TV, captures the magic that has dazzled theater-goers around the world. The one-hour special goes behind the scenes to meet the composers, lyricist and producer who brought Hugo's epic tale to the theater.

Narrated by actress Kathryn Walker, *Monti: Legacy of Light* uses French painter Claude Monet's own words — forcefully brought to life by actor Peter Ustinov — to tell his story at 2:30 p.m. Sunday, Feb. 11. Opera star Marilyn Horne, actress/singer Patti LaBelle, singer/actor Gary Morris, rhythm and blues great Jeffrey Osborne and the Dick Hyman Jazz Trio join President and Mrs. Bush at a sparkling President's Day party on *In Performance at the White House*, airing at 8 p.m. Wednesday, Feb. 14.

Zoller exhibits

Two exhibitions, a "Visiting Artists Exhibition" and "Five in One," an invitational metals exhibition, will be presented concurrently Feb. 12 through March 4 in the Zoller Gallery, located in the Visual Arts Building at University Park.

The "Visiting Artists Exhibition," in conjunction with the Visiting Artists Series sponsored by the School of Visual Arts, will feature works by the eight artists visiting Penn State during the fall and spring 1989-90 semesters.

The exhibition, curated by Joanne Amato, assistant professor of art in the School of Visual Arts and organizer of the Visiting Artists Series, will include works by Visiting Artists: Lesley Leupp, associate professor in the School of Visual Arts, features five artists working in one media. The exhibition includes works by Helen Shirk, Christina Smith, Linda Threadgill, Mac McCall and Kate Waggle.

Dance theatre

The Pennsylvania Dance Theatre will present two free performances at the Palmer Museum of Art at University Park during a week-long residency in the Museum Feb. 12 to 18. The performances will be at 8 p.m. Thursday, Feb. 15, and at 2:30 p.m. Sunday, Feb. 18.

The residency and performances will explore the link between dance and the current exhibition "The Avant-Garde and the Text."



Kirsten Olson and Craig Wallace are in the cast of the University Resident Theatre Company's production of *The Majestic Kid*, running Feb. 16 to 23 in the Playhouse Theatre.



Stacy Nestleroth won the grand prize in a poetry contest with her poem, "Grandma's Dowry," inspired by this chest, which is part of the Museum of Art's permanent collection. (See story on this page.)

The Feb. 15 performance will be a lecture/demonstration in which LaRue Allen, artistic director of PDT, will discuss dance elements used in performance prior to a demonstration by the dancers. The dance "Issues," a child's view of family life, will be discussed and performed.

"Issues" will be performed in the company's only complete performance of the season in State College at 8 p.m. Friday, Feb. 16, in Eisenhower Auditorium. The Sunday afternoon performance will feature a new work titled "Text in Dance" choreographed by Allen, set on the Museum exhibition and specifically for performance in the Museum.

Chamber music

An evening of chamber music featuring Joanne and Leonard Feldman, faculty members in the School of Music, will be presented Feb. 15 at 8 p.m. in the School of Music, with members in the School of Music, and Diane Gold on flute.

The program will include works for flute and strings by Joseph Haydn and the contemporary Israeli composer Paul Ben-Haim. The concluding work on the program will be the Brahms Piano Quartet in G minor, Op. 25.

This concert will complete the cycle of performances at the School of Music of three Brahms piano quartets begun last September.

Poetry reading

A poetry reading of winning poems in the Fourth Annual Poetry Competition, sponsored by the Palmer Museum of Art and the Department of English, will be held at 12:10 p.m. Thursday, Feb. 15, in the Palmer Museum at University Park.

Undergraduate students from fall 1989 poetry classes were invited to write poems about selected works from the Museum's permanent collection on display that semester.

Stacy Nestleroth won the grand prize with her poem "Grandma's Dowry," inspired by an 18th-century Pennsylvania German dowry chest displayed on the second floor of the Museum. Runners-up in the competition were Andrew Fluke, Geoffrey R. Perry and Joseph Thakurka.

Woodwind chamber music

School of Music students in the woodwind chamber music program will perform in concert at 12:10 p.m. Thursday, Feb. 15, in Eisenhower Chapel at University Park. The 20-minute concert is part of the spring Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The program will include wind quintets and woodwind trios.

Directed by Darryl Durran, School of Music faculty member, the program

consists of undergraduate and graduate students from the School of Music and other departments. Students study and perform a range of music from Baroque to present day.

Colloquium scheduled

Gary Cross, associate professor of history, will present a talk, "After Working Hours: Trends in the History of the Leisure of Labor," at 4 p.m. Thursday, Feb. 15, in the Rare Books Room of Pattee Library at University Park. This is the third part of a series on the history of leisure for the Social History Colloquium.

Dr. Cross will evaluate the contributions of recent historians of American and the understanding of the evolution of leisure to popular leisure.

He is the author of *A Quest for Time: The Observation and Popular Culture in the 1950s*.

Dr. Cross earned his bachelor's degree from Washington State University, his master's of divinity from Harvard University and his master of arts and doctoral degrees from the University of Wisconsin at Madison.

Jazz concert

A jazz drummer who has performed with some of the country's greatest entertainers will play at University Park on Feb. 15.

Jim Rupp will join the Penn State Percussion Ensemble and Centre Dimensions Jazz Ensemble, under the direction of professors Dan C. Armstrong and Dan Yoder, respectively, in a joint concert at 8 p.m. in the Recital Hall of the School of Music.

As guest artist for the concert, Mr. Rupp will solo in a variety of styles from rock to samba, and will perform several numbers with each group.

Mr. Rupp has been a soloist and guest artist with big band greats such as Woody Herman and Maynard Ferguson. He was

the drummer on Woody Herman's 50th anniversary album, which also included School of Music faculty trombonist Mark Lusk. He currently performs with two-time Grammy Award winner Diane Schuur.

Mr. Rupp's appearance at University Park is made possible through Gretch Drums, Zildjian Cymbal Manufacturers and the School of Music. The concert is free and open to the public.

Philharmonic Ball

The Penn State Philharmonic Orchestra will present its second annual Philharmonic Ball from 8 to 11 p.m. Friday, Feb. 16, at the HUB Grand Ballroom at University Park.

The orchestra, under the direction of Douglas Meyer and Alex Hill, assistant conductor, will perform dance music including waltzes and polkas of Vienna.

The event is a benefit to raise funds for the Philharmonic's tour in May to Budapest, Vienna, Munich and Stuttgart. Tickets are available at the orchestra office, 221 Music Building, and may be reserved by calling 863-0696.

'The Majestic Kid'

"The Majestic Kid," a play written by Mark Medoff and presented by the University Resident Theatre Company, will run at the Playhouse Theatre at University Park from Feb. 16 to 23, with nightly performances at 8 p.m. and an additional matinee performance at 2 p.m. on Feb. 17.

The play centers around Aaron Weiss, a young social activist from Chicago attempting to save part of the Old West from becoming a toxic waste dump. In his struggles, Weiss grapples with good guys and bad, pretty girls and the fantasies associated with becoming a hero. The Auditorium weekdays from 9 a.m. to 4 p.m., or the Playhouse in the Arts Building, Tuesday through Friday, 11:30 a.m. to 5:30 p.m.

Guarneri String Quartet

The Guarneri String Quartet, called the superstar of chamber ensembles, will perform an exclusive Beethoven recital at 8 p.m. Saturday, Feb. 17, in Schwab Auditorium at University Park.

In addition to the recital, there will be a showing of a new documentary called "High Fidelity: The Adventures of the Guarneri Quartet" at 8 p.m. Thursday, Feb. 15, in Eisenhower Auditorium.

The quartet, with Arnold Steinhardt and John Dalley on violins, Michael Trapp on viola and David Soyer on cello, is the oldest surviving quartet in the United States.

Tickets are available at the Eisenhower Auditorium Ticket office, weekdays from 9 a.m. to 4 p.m., and at the Playhouse Box Office, Tuesday to Friday 11:30 a.m. to 5:30 p.m.

At Penn State Erie

New complex to be constructed

Penn State Erie, The Behrend College will move ahead with the construction of a new library and academic complex after receiving a check for nearly \$10 million from Gov. Robert P. Casey on Jan. 25.

"The new library and academic complex will help to improve the climate for first-rate scholarship and superb research, fulfilling the needs of our students and faculty," John M. Lilley, provost and dean, said.

"The new structure will increase our research capabilities and will help to make possible nationally recognized graduate programs, thus aiding economic development."

Penn State-Behrend is one of the

University's 22 locations throughout Pennsylvania. Enrollment has more than doubled at the 700-acre campus during the last five years. Fall 1989 figures peaked at 2,838.

The new 100,000-square-foot complex will be located east of the Reed Union Building. L.D. Astorino and Associates Ltd. of Pittsburgh are the architects.

The present library is in the Reed Building. In addition to the new library, classroom and faculty office space, the new structure will contain the college's communication center, including printing services and a TV studio.

Ground-breaking is expected to take place in April.

University Park Calendar

February 8— February 18 Special Events

Thursday, February 8

Discussion, 10 a.m., Palmer Museum of Art, Lisa Goldberg, Meadows Psychiatric Center, on "Careers in the Visual Arts."
Bach's Lunch, 12:10 p.m., Eisenhower Chapel, The Singing Lions.

Healthy Loving Week, panel discussion, 7 p.m., HUB Fshbowl, Marie Lindhorst, Bill Saxton, Patricia Koch and a person with AIDS on "Does Abstinence Make the Heart Grow Fonder?" and "Alternatives to Intercourse for a Safer Healthy Loving Relationship."
Black History Month, 7 p.m., Paul Robeson Aud.

Video, *Malcolm X*.
Center for the Performing Arts, Artistic Viewpoints Lecture Series, 7:30 p.m., 120 Boucke, Jennifer Muller on "The Role of Women in the Performing Arts as well as Insights into Her Choreography."
School of Music, 8 p.m., Recital Hall, The Pennsylvania Brass Works.
Women's Studies, Six Feminist Scholars Lecture Series, 8 p.m., HUB Gallery, Sandra Harding, Univ. of Delaware, on "Feminist Epistemology: Women as Knowers."

Friday, February 9

Black History Month, noon, Kern Commons. The 2nd American Revolution, Part II; and 7 p.m., Paul Robeson Aud., Kappa Film Festival *A Black Woman*.

Geog. Coffee Hour, 4 p.m., 319 Walker, Tom Gardner on "Digital Evolving Models in Geomorphology and Hydrology."
Center for the Performing Arts, 8 p.m., Eisenhower Aud., Jennifer Muller and The Works.

Saturday, February 10

Black History Month, 2 p.m., Paul Robeson Student Assoc.
Shaver's Creek, 7:10 p.m., Members Square Dance, Call 863-2000.
Penn State Chamber Singers, "Celebration of Love," 7:30 p.m., Old Man rotunda. Music and poetry readings.

Sunday, February 11

Black History Month, noon, Paul Robeson Aud., black party and food fair, 2 p.m., 4 Carnegie, "Eyes on the Prize: Mississippi: Is This America?"
School of Music, 2 p.m., Recital Hall, Laura Flowers, senior piano recital.
Shaver's Creek, 2:4 p.m., Evergreen Walk, Call 863-2000.
Carnegie Hall Film Series, "Screening Race and Cinema and Documentary Films," 7 p.m., *The Defiant Ones* (1958); 8:45 p.m., *Sutton in Webster Groves*, *The Artist*, *Lonely Boy* (1965, 1963, 1962), 4 Carnegie, Free.

Monday, February 12

Comp. Lit. Luncheon, 12:15 p.m., 101 Kern. Simon Battistini, Georgetown Univ., on "Robbe-Grillet is Dead."
Black History Month, 7 p.m., HUB Ballroom, Kumi Ture on "Organization Within the African Community in North America and Abroad."
School of Music, 8 p.m., Recital Hall, Feldmans and Friends.

Wednesday, February 14

Black History Month, Brown Bag Lunch Series, noon 1 p.m., 120 Boucke, Film/discussion of *Celle Make This Journey, Sweet Honey in the Rock*.
URTC, student preview, 8 p.m., Playhouse Theatre, "The Majestic Kid" by Mark Medoff.
Also Feb. 15.



Jennifer Muller and The Works will perform at 8 p.m. Friday, Feb. 9, in Eisenhower Auditorium.

Thursday, February 15

Brown Bag Lunch/Poetry Reading, 12:10-12:50 p.m., Palmer Museum of Art, 4th annual poetry competition.

Bach's Lunch, 12:10 p.m., Eisenhower Chapel.

Woodwind Chamber Music.

Office of Religious Affairs, Ethics in America.

Women's Congress, on "Black Male/Female Relationships: From the History to the Present."

Bicentennial of the French Revolution, lecture.

7:30 p.m., 112 Kern, Darline Levy, N.Y. Univ., on "Women and Militant Citizenship in the Revolutionary Paris."

Pa. Dance Theatre lecture/demonstration, 8 p.m., Palmer Museum of Art, The Avant-Garde and the Text: An Exploration Through Movement.

School of Music, 8 p.m., Recital Hall, Penn State Percussion Ensemble, Centre Dimensions.

Contemporary Speaker Series, 8 p.m., HUB Assembly Room, Charles I. Nero, Ithaca College, on "Pink, Black and Red: Male Homosexuality and Nationalism in African-American Literature."

Friday, February 16

IFC Dance Marathon, through Feb. 18.

Black History Month, noon, Kern Commons.

Video, *Kopung the Faithful*, 8 p.m., Schwab Aud.

Sankofa, African, African American and Caribbean Band.

Geog. Coffee Hour, 4 p.m., 319 Walker, Ronald Filippelli on "What Happened to Labor? Why Does it Matter?"

School of Music, 8 p.m., HUB Ballroom, Penn State Philharmonic Ball.

URTC, 8 p.m., Playhouse Theatre, "The Majestic Kid" by Mark Medoff: Nightly performances, except Sunday, through Feb. 23, Mainline, Feb. 17, 2 p.m.

Saturday, February 17

Shaver's Creek, 10 a.m.-4 p.m., Maple Sugaring Volunteer Training, Call 863-2000.

Center for the Performing Arts, 8 p.m., Schwab

Auditorium, Guarnieri String Quartet.

Black History Month, 9 p.m., Paul Robeson Aud.

Dance, Phi Beta Sigma.

Sunday, February 18

Shaver's Creek, 2:30 p.m., Household

Hazardous Waste, Call 863-2000.

Black History Month, 8:45 p.m., 4 Carnegie, Free.

School (1968), 4 Carnegie, Free.

International Events

Education Abroad Programs

Deadline for spring 1991 applications is March 5.

International Festival, Feb. 12-18

Feb. 12, lecture, 7:30 p.m., 112 Kern, Victor Sukhodrev, special assistant, United Nations

secy. gen., on "The United Nations in a Changing World."

Feb. 14, lecture, 7:30 p.m., HUB Assembly Room, Stephen Smith on "Economics of Drugs from a Latin American Perspective."

Feb. 15, film, 8 p.m., 111 Forum, Chinese film, "Dust in the Wind" (free).

Feb. 16, international coffee house, 7:30 p.m., 101 and 102 Kern.

Feb. 18, International Fair, 11:30 a.m.-5 p.m., (children's games, 1-4 p.m.), HUB Ballroom.

Fshbowl, ground floor.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5:30-10 p.m.; Saturday and Sunday, 5:30 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m.

"Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubinstein.

"Perspectives," 6:30 p.m. Wednesdays, with Jeff Ballou, "Creative License," 12:30 p.m. Thursdays, with Asa Berlin and Pam Saulner.

Seminars

Thursday, February 8

Polymer Science, 9 a.m., 301 Steidle, S.N. Gan, Univ. of Malaya, on "Abnormal Grafts in Natural Rubber and Their Role in Storage Hardening."

Physics Colloquium, 3:30 p.m., 55 Osmond Lab, Marion Scully, Univ. of New Mexico and Institut fur Quantenoptik, on "Observation and Complementarity in Quantum Mechanics: New Quantum Optical Tests."

Ecology, 3:45 p.m., 111 Wartik, Diana Liverman on "Impacts of Global Warming in Mexico."

Tuesday, February 13

Gerontology Center Colloquia, noon-1 p.m., 101 Health and Human Dev. Bldg, East, Mary A. Boutsch on "Advances in Psychotherapy with the Elderly."

Wednesday, February 14

Agriculture and Artificial Intelligence, 3:45 p.m., 11 Ferguson, Rick Olson, Mississippi State, on "Qualitative Reasoning Under Uncertainty in Agricultural Expert Systems."

Graduate Lecture Series, 4 p.m., 112 Kern, John A. Milner on "Selenium and Carcinogenesis."

Thursday, February 15

Polymer Science, 9 a.m., 301 Steidle, R.P. Quirk, Univ. of Akron, on "Advances in Anionic Synthesis of Chain-End and In-Chain Functionalized Polymers."

Ecology, 3:45 p.m., 111 Wartik, Thomas Morrell on "Status and Habitat Characteristics of the Great Horned Owl in Southcentral Pennsylvania."

Social History Colloquium, 4 p.m., Rare Books Reading Room, Palat. Library, Gary Cross on "After Working Hours: Trends in the History of the Leisure of Labor."

Exhibits

Chambers Gallery

Prints and books by art students at Univ. of New

York, through Feb. 18.

March 4.

Art Alley Cases:

International Festival Show, through March 4.

Formal Gallery

Rhythm and Blues: Black American Popular Music, 1945-1955, Smithsonian exhibit of photographs, through Feb. 18.

Kern Galleries

The French Revolution Machine, through Feb.

28.

Palmer Museum of Art

The Loti and Victor Smergen Collection of

Contemporary American Art, through Feb. 11.

The Avant-Garde and the Text, through March

11.

Roman Portraits, through April 22.

Pattee Library

Lending Services Gallery:

Margaret B. Duda, "The Many Faces of Urumqi,"

through March 4.

Zoller Gallery

Graphic Design Alumni Exhibition, through Feb.

4.

Visiting Arts Exhibition/Five in One, Feb. 12-

March 4.

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of

the message you wish to hear. Messages are

listed in the front of the telephone directories.

Other messages are Weather-234; Arts Line-

345; University Calendar-456.

John Salvia, professor of special education,

and Charles Hughes, assistant professor of

special education, are co-authors of a

Curriculum-based Assessment: Testing What Is

Taught.

The book, published by Macmillan

Publishing Co., is an introduction to the

assessment of learning and classroom

behavior, focusing on practical classroom

behaviors. It contains discussions of

applied psychometrics, applied behavioral

analysis, curriculum development and

evaluation, present teaching and current

educational policy.

Bookshelf

The *Olympic Book of Sports Medicine*, a book co-edited by **Howard G. Knuttgen**, director of the Center for Sports Medicine, has been translated into German.

The English-language version of the book was published by Blackwell Scientific Publications in 1988. The German-language edition, called *Olympisches Buch der Sportmedizin*, is published by Deutscher Ärzte-Verlag, a Cologne-based publisher. Dr. Knuttgen's co-authors are Albert Dirix, M.D., secretary of

the International Olympic Committee medical commission, and Kurt Tittel, who, with Dr. Knuttgen, co-chairs the scientific commission of the International Federation of Sports Medicine.

The book was written for the general sports medicine practitioner, the primary care physician and all health professionals who deal with people engaged in sports and exercise programs.

It presents up-to-date information on both the basic science and the practical considerations of injury prevention and treatment, methods of conditioning,

assessment of fitness, environmental factors, exercise and disease, and exercise in rehabilitation.

Dr. Knuttgen, a former physiology professor and head of the Department of Health Sciences at Boston University, was appointed director of the new Center for Sports Medicine last June.

Roger Sweeting, in charge of health and physical education at Penn State Erie, The Behrend College, has published a textbook for college health education courses titled *A Values Approach to Health Behavior*.

Appointments

John S. Barnes Jr. has been named admissions officer at Penn State Wilkes-Barre Campus. A campus graduate, he previously served as coordinator of the Office of Minority Programs for the College of the Liberal Arts.

Mr. Barnes received an associate degree in letters, arts and sciences in 1975 from the Penn State Wilkes-Barre Campus and later received a bachelor's degree in community development at Penn State. He received his master's degree in public administration in 1988.

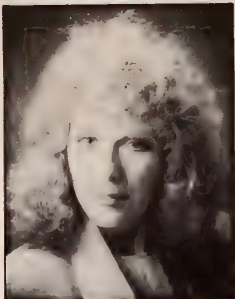
He formerly served as a counselor at the Keystone Job Corps Center, in Drums, specializing in vocational training and basic skills training.

He began his Penn State career in 1984 as a counselor at Penn State Hazleton Campus, and then served three years as counselor for the Counseling and Academic Skills Development Unit of Academic Assistance Programs at University Park.

He received an Outstanding Young Men of America Award in 1986 and has been recognized for establishing the Penn State chapter of the National Association for the Advancement of Colored People.

He is president-elect of the Penn State Forum on Black Affairs and in 1987-88 chaired the Forum's Education Committee. He also served in 1984-85 as vice president of the Wilkes-Barre Area chapter of the NAACP, which awarded him an Executive Service Award in 1985.

C. Kate Capps has been appointed marketing manager at the Penn State Press. She began her career as promotion



Ena Kurlancheek

assistant at Doubleday (1978-80), then worked as advertising and exhibits manager at Oklahoma (1980-84). She served two years as marketing manager at Utah (1984-85) before moving to Ohio State, where she was marketing manager for five years.

From 1987-89, she chaired the Marketing Committee of the Association of American University Presses.

Mary E. Chilani has been named admissions counselor and recruiter at Penn State Wilkes-Barre Campus.

Ms. Chilani, formerly of Madison, Wis., holds a bachelor's degree in secondary education - communicative disorders, and a master's degree in speech pathology, both

from the University of Wisconsin - Madison. She has four poems published and currently is writing children's fiction in her spare time.

Ena Kurlancheek has been named writer/editor and alumni coordinator in the College of Health and Human Development.

Ms. Kurlancheek is responsible for coordinating an alumni relations program for the college's more than 33,000 graduates. Her duties as a writer/editor include media relations, as well as writing and producing brochures, newsletters, and other promotional and informational materials.

Before joining the University, Ms. Kurlancheek was the director of public relations and marketing for the Northeastern Pennsylvania Philharmonic. Earlier, she was an instructor/coordinator in communications at Marywood College in Scranton.

She holds a master's degree in public relations from Syracuse University and a bachelor's in speech communication from Penn State.

Ken Kerr has been named staff specialist in the Division of Planning Studies, where he will assist with a variety of research projects.

Prior to his appointment, Mr. Kerr managed a political survey office in Washington, D.C., and taught economics for the U.S. Navy.

A native of Pittsburgh, he received a master's degree in economics from San

Diego State University and a bachelor's degree in political science from Edinboro University.

Mark D. Toda has been appointed technical assistance/economic development specialist for PENNTAP (Pennsylvania Technical Assistance Program) in the northeast area of Pennsylvania.

His responsibilities will be to provide a wide range of technical assistance to area businesses and industries.

In addition to providing support for the businesses and industries in the Greater Hazleton area, Mr. Toda will serve as economic development and technical assistant specialist for the Schuylkill, Wilkes-Barre and Worthington Scranton campuses. In that role, he will be a technical University representative to regional economic development agencies and will augment the current economic development initiatives of the Commonwealth Campuses.

In addition, he will help direct businesses to the various state, local and University resources that can provide technical support and foster economic development, such as the Ben Franklin Partnership and Industrial Resource Centers.

Mr. Toda holds a B.S. degree in bioengineering from Syracuse University and an M.S. degree in theoretical and applied mechanics from Cornell University. He previously was employed by IBM Corp., Endicott, N.Y., where he was manager of a mechanical analysis support group of the Electronic Packaging Development Engineering Department.

Penn Staters

Yoshiyuki Arai of the cranial collection of Pan troglodytes versus (the Librarian chimpanzee) at the Franz Weidenreich Institute of Anthropology and Human Genetics in Frankfurt, West Germany.

Elbert D. Glover, professor of health education and director of the Centre for Tobacco Studies, gave a paper on "The Acute Physiological Response to the Use of Moist Snuff," at the International Dental Research Association in Dublin, Ireland, and a paper on "The Acute Effects of Moist Snuff during Submaximal Exercise" at the 50th Paavo Nurmi Congress in Turku, Finland.

Iam Choon Khoo, professor of electrical engineering, presented an invited plenary talk on "Infrared Optical Nonlinearities of Liquid Crystals and Novel Two Wave Mixing Processes" at the Joint Australian Conferences on Optics, Lasers and Spectroscopy '89, in Adelaide, Australia.

Ernst Schurer, professor and head of the German Department, presented an invited lecture at Carleton University, Ottawa, Canada. He spoke on the plays of Carl Sternheim, one of the major dramatists of German Expressionism.

Monty Christiansen, associate professor of recreation and parks, has received a Founder's Award for Excellence from the National Society for Park Resources.

M. Albert Vannice, engineering distinguished alumni professor, has been named the 1989 Schluht lecturer at the University of Delaware.

Gutti Jogesh Babu, professor; Tom

106-year-old society that provides a common forum for theoretical and practicing statisticians throughout the world.

Eric Feigelson, associate professor of astronomy, gave an invited talk titled "Censored Data in Astronomy" at the Errors, Bias, and Uncertainties in Astronomy conference in Strasbourg, France.

Irwin Feller, professor of economics, director of the graduate program in policy analysis, and director of the Institute for Policy Research and Evaluation, has been elected chair of the Institutional Representatives Caucus, Association for Public Policy Analysis and Management. The caucus is comprised of graduate schools of public policy and not-for-profit research organizations.

Marlowe Froke, general manager, WPSX-TV, and the University Division of Media and Learning Resources, has been honored by the South Dakota State University Department of Journalism and Mass Communications for contributions to public broadcasting.

Philip Hedrick, professor of biology, has been appointed a Distinguished Research Fellow at the University of California's Bodega Bay Marine Laboratory in Bodega Bay, Calif. He will spend spring semester at the lab continuing work on a conservation biology program for the Menzies blueflower, a rare dune plant.

Linda Maxson, head of the Department of Biology, gave a plenary speech titled "Tempo and Pattern in Anuran Speciation and Phylogeny: An Albumin

Gary L. Messing, professor of ceramic science and engineering, presented a lecture on "Synthesis of Titania-Silica Colloids" at the Fifth International Workshop on Glasses and Ceramics from Gels in Rio de Janeiro.

Arnulf Muan, professor of geochemistry and materials science, presented the annual Industry Lecture of the Norwegian Chemical Society. It was titled "Oxide Phases at High Temperatures: Academic and Industrial Perspectives."

C.R. Rao, professor of statistics and holder of the Eberly Chair, gave a talk titled "The Future of Statistics" at the International Conference on Statistical Data Analysis and Inference held in his honor in Neuchatel, Switzerland. At the conference, Dr. Rao received the D. Sc. honoris causa from the University of Neuchatel, Switzerland.

Karl E. Spear, professor of ceramic science and engineering, has been appointed vice president of the Ceramic Educational Council and chairman of the Phase Diagram Advisory Committee by the American Ceramic Society.

Richard E. Tressler, director, Center for Advanced Materials, was co-chair of the International Symposium on Corrosive Degradation of Ceramics held in Anaheim, Calif.

James S. Vrentas, Dow professor of chemical engineering, and **J.L. Duda**, head of the Department of Chemical Engineering, have been named joint recipients of the 1989 Charles M.A. Stine Materials Engineering and Sciences Award of the American Institute of

Chemistry for a new theory for molecular diffusion in polymers, and the concept of "Deborah numbers" for engineering applications.

Jean-Marc Bollag, professor of soil microbiology, presented the paper, "Biodegradation of Pyridine and Pyridine Derivatives under Different Physiological Conditions," at the International Symposium on Microbial Ecology in Kyoto, Japan. He also presented a paper titled "Effect of Pesticides on the Denitrification Process" at an International Workshop on Side Effects of Pesticides on Soil Microflora in Basel, Switzerland.

Eugene Borza, professor of ancient history, has been appointed the first Solomon Katz Distinguished Visiting Professor of the Humanities at the University of Washington. The Katz Professorship will run through Winter and Spring terms, 1990.

W. Dale Brownawell, professor of mathematics, spent two months in the Soviet Union as a National Academy of Sciences Exchange Scientist. While there, he presented lectures at the USSR Academy of Sciences' Steklov Institute and the Moscow State University.

Sharon Dale, assistant professor of art history at Penn State Erie, The Behrend College, presented a paper on "New Observations on Ghiberti's Gates of Paradise on the Baptistry in Florence" at the 14th International Conference on Patristic, Medieval and Renaissance Studies at Villanova University.

Susan L. Kennedy, associate director for health promotion and education, University Health Services, has been elected president of the Mid-Atlantic College Health Association.

Partings

Gilbert R. Hoover of State College, a platemaker and group leader in the Office of Business Services, has retired after 37 years of service.

Mr. Hoover supervised work in the platemaking department for Printing Services, where platemakers shoot camera copies of printed material and process them into plates for the printing press.

Since he began working at Penn State in 1952, he witnessed the installation of computers at the printing press. He found the changes challenging, because the job became increasingly high-tech.

He looks forward to having time to listen to music, pursue his interest in antiques, read and spend time with his wife.

Sandra Lansberg of Port Matilda, an operator with Central Copy Centers for the Department of Business Services, has retired after 35 years service.

Mrs. Lansberg began working for the University in April 1954 in the platemaking department and after many years moved to

the copy center, where she handled printing for the College of Agriculture.

She enjoys making crafts, and her retirement plans include quilting, sewing and cross-stitching, as well as traveling with her husband.

Horace F. McMurtrie, foreman for the storeroom in Purchasing Services, has retired after 32 years service.

Mr. McMurtrie was involved with various jobs at the University. He began in landscaping and eventually moved to Purchasing Services where he was in charge of moving general storage from one location to another. Mr. McMurtrie said working with all kinds of people was what he enjoyed most about his job.

He and his wife reside in Bellefonte. His daughter Kimberly graduated from Penn State last year.

Retirement plans for Mr. McMurtrie include spending time with his family. He enjoys working outside and hopes to resume lawn work in the spring.

Jan A. Slear, senior gift recorder, has retired after 20 years of service.

Mrs. Slear worked in the Division of Development and University Relations throughout her 20-year career.

She began working part time preparing records for entry into computers. She then worked with the corporate foundation records until 1972, when she became gift recorder. Her job involved working with all gifts to the University, including those from faculty and staff which were received through payroll deductions.

In 1979, she was promoted to senior gift recorder, which involved supervising the gift recorders. Her work as gift recorder changed substantially over the years from manual records to records on computers.

Mrs. Slear has two daughters, Vivienne and Kerry O'Connor, a son Jeffrey, who is a Penn State senior majoring in science, and a grandson, Chris O'Connor.

Her retirement plans include yard and garden work, vacationing in a cottage on the New Jersey shore and traveling.

Alice G. Swanson, food preparer, Housing and Food Services, from Sept. 17, 1964, until Nov. 15, 1989.

John Tomco, maintenance mechanic for Housing and Food Services, has retired after 29 years service.

Mr. Tomco held various responsibilities at the University. He began working in the Pollock Dining Hall and moved to the physical education equipment room, where he stayed for 20 years. In 1981 he transferred to the Housing Department.

While he enjoyed all his jobs, his favorite was being equipment manager for the football team from 1965-70. He enjoyed traveling all over the country with the team.

Since his retirement in November, Mr. Tomco has enjoyed spending more time with his family.

Faculty/Staff Alerts

Courses for Faculty and Staff

The Human Resource Development Center has openings in the following Macintosh Computer courses in February and March. Call the center at 865-3410 for registration information.

Introduction to the Macintosh: Basic Applications

In this hands-on seminar, you'll learn about mouse techniques, windowing systems, disk management, and file maintenance.

Prerequisites: None. This seminar is intended for the novice user of the Macintosh. Meets for two half-day sessions from 9 to 11:30 a.m. Monday, Feb. 26, and Wednesday, Feb. 28; cost: \$65.

Introduction to Microsoft Word on the Macintosh

This introductory hands-on seminar covers the basics of Microsoft Word Version 4.0 on the Macintosh. Prerequisites: Familiarity with the use of basic Macintosh software and mouse. Meets for two half-day sessions from 1 to 3:30 p.m. Monday, Feb. 26, and Wednesday, Feb. 28; cost: \$65.

Intermediate Microsoft Word

Enhance your skills with Microsoft Word in a hands-on lab setting. Learn about more advanced features and how to use them.

Prerequisites: Experience with basic use of Microsoft Word on the Macintosh. Meets for two half-day sessions from 1 to 3:30 p.m. Tuesday, Feb. 27, and Thursday, March 1; cost: \$65.

Introduction to Excel on the Macintosh

This full-featured spreadsheet from Microsoft provides a powerful worksheet, integrated business graphics, and a spreadsheet-style database. You'll gain practical

experience in a hands-on environment. Prerequisites: Familiarity with the use of basic Macintosh software, and the mouse. Meets from 9 to 11:30 a.m. and 1 to 3:30 p.m. Friday, March 2; cost: \$65.

Open staff meetings

Open staff meetings regarding the Staff Position Evaluation and Compensation Program are continuing during the month of February.

Interested persons are encouraged to attend one of the scheduled meetings: Wilkes-Barre, Feb. 7, 2 to 4 p.m.; Worthington Scranton, Feb. 8, 9 to 11 a.m.; Hazleton, Feb. 8, 2 to 4 p.m.; University Park, Feb. 12, 11 a.m. to 1 p.m.; Fayette, Feb. 13, 2 to 4 p.m.;

New Kensington, Feb. 14, 8:30 to 10:30 a.m.; McKeesport, Feb. 14, 1 to 3 p.m.; Beaver, Feb. 15, 9 to 11 a.m.; University Park, Feb. 20, noon to 2 p.m.; Great Valley, Feb. 21, time to be announced. The University Park meetings will both be held at Eisenhower Chapel, Frizzell Room.

Obituaries

T.D. Wilkinson III, retired associate professor of engineering at Penn State Mont Alto Campus, died Jan. 8 at the age of 66. He joined the faculty Aug. 1, 1900, and retired July 1, 1987.

William Scaife Sr., group leader, window washers, Office of Physical Plant, from June 1, 1953, until his retirement July 1, 1985, died Jan. 10 at the age of 89.

Promotions

Staff Exempt

Carolyn K. Brown to administrative assistant in C&S - Management Services. **Nancy F. Rossi** to head college health nurse - inpatient and emergency room in Student Services.

Vincent Verbeke to training and support specialist in Agriculture.

Andrea R. Willard to graduate administrative counselor at Capital College.

Wendy L. Witter to computer graphics specialist in Applied Research Lab.

Staff Non-Exempt

Bobbie Ginder to senior radiology records clerk/coordinator at Hershey.

Cindy L. Gumbs to senior research technician at Hershey.

Renee G. Houser to licensed practical nurse, medicines at Hershey.

Kelly A. Kopley to licensed practical nurse, medicines at Hershey.

Joanne F. Reish to assistant security officer in Applied Research Lab.

Richard L. Schraf to senior drafter, electro-mechanic in Applied Research Lab.

Kristian Schulz to patient account assistant at Hershey.

James M. Zettie to engineering aide in Applied Research Lab.

Clerical

Judith A. Koecik to secretary B at Hershey.

Wendy Mohr to clerk A, bookstore at Mont Alto Campus Bookstore.

Kathleen C. Schreckengast to secretary B

at Hershey. **Elizabeth M. Zielinski** to secretary B at Behrend College.

Technical Service

Donald L. Mulfinger to lead sheetmetal worker A in Office of Physical Plant.

Clerical

Debra J. Keller to clerk, insurance verification at Hershey.

Beverly D. Korman to secretary B in Science.

Antia Sprankle to clerk, typist A in Engineering.

Carol J. Wagner to secretary B in Engineering.

Technical Service

Rebecca E. Barr to group leader, platemaker in Office of Business Services.

Anthony Casselli to maintenance worker, landscape at Ogontz.

Betty J. Ginder to patient care assistant A at Hershey.

Michael Libbreatori to laboratory maintenance technician in Science.

Carpooler

Don has a vacancy in his van pool from Tyrone to University Park Monday through Friday, 8 a.m. to 5 p.m. Call 865-1040, 865-1041, or 684-4868.

25-year award recipients



Observing 25 years of service at the University are, from left, Robert Cunningham, professor of soil genesis and morphology; Jeanne Feldman and Leonard Feldman, associate professors of music; J. D. Hammond, dean of the College of Business

Administration and William Elliott professor of insurance; R. William Millman, professor of business administration.

Academic adviser rewarded by seeing students make progress

Seeing the progress students make during the course of their college career is the best reward for an academic adviser, **Connie D. Baggett** says.

"One student who transferred from horticulture to my department would get flustered easily and think she couldn't do something. In two years, I've watched her become more relaxed and confident as she realized that she was learning."

Dr. Baggett, associate professor of agricultural and extension education, has 40 advises (32 undergraduates and eight graduate students). A faculty member in the College of Agriculture since 1980, he devotes much of his time between teaching and conducting research to advising students.

He was honored for his dedication to advising with the 1989 College of Agriculture Alumni Society Excellence in Academic Advising Award.

His popularity as an adviser is linked to his open-door policy. He is available and accessible to students.

"When students drop in, I find myself doing a lot of counseling along with the advising," he says. "When you work with students, you have to work with the entire student, not just one part."

"Students often want to talk about their problems with Mom and Dad over their decision to major in agriculture. Sometimes parents push their children into majors, such as business, because they have a reputation for paying high salaries."

"I tell students they have to live for themselves. Mom and Dad had their chance."

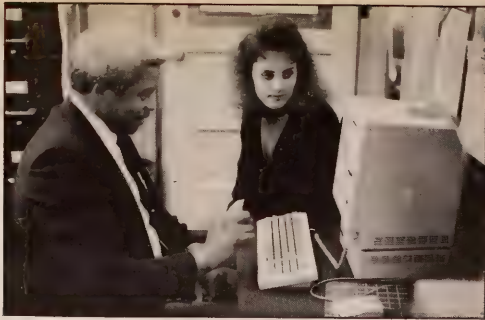
One of his advisees who followed the advice of her parents and transferred to another major, later transferred back to agriculture.

Graduate students also have problems with parents who question them about how much education is enough, Dr. Baggett says.

Whatever their problems, he tries to provide his advisees with some help and guidance, even if all they want is a friendly chat.

"The first thing I ask students is: 'How are you doing?' When they say they are having problems in a class and want to drop it, I experience they talk with the instructor. Often they find that they're really doing better than they think they are."

He urges students to "read, read, read" and to not let instructors set the limit on



Connie D. Baggett reviews a computerized advising and audit form with student advisee **Cheri Eveling**. (Photo: Steve Williams)

what they learn.

"If you learn, good grades will come automatically, but if you concentrate on grades, learning doesn't always follow," he tells students.

As a result of his interest in computers, he developed computerized advising and audit sheets, which he uses to keep track of each advisee's progress. He makes the information available to the students.

"The advising template has been a big help," he says. "Students like it, because it's

easy to understand. It tells them where weak areas are and provides grade-point averages for required courses, courses in the major, minors and overall progress."

Both advising sheets also are used by the other faculty members in the Department of Agricultural and Extension Education.

Between visits with advisees, Dr. Baggett is involved in the third phase of a long-term project dealing with special needs students studying agriculture at the secondary level.

Staff Vacancies

The following vacancies for positions classified as staff except for staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304.

(NETWORK LINE 433-0304). Applications for these staff vacancies will be accepted until Feb. 15. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment practices (PS-1) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

• **Support Center Consultant, CES, Management Systems, University Park Campus**—Responsible for coordinating CES support Center for consulting with CES offices and users on computing issues. Provide advice and training on CES specific, technical issues, advice on purchase and use of supported hardware and software. Requires bachelor's degree, or equivalent, in related field plus one to two years of effective experience. Strong verbal and written communication skills and ability to communicate technical information to non-technical audience is essential. Position requires routine travel to CES locations. Experience with personnel computers and they interactive use with mainframes preferred. STAFF GRADE 6.

• **Applications Programmer/Analyst, Library Computing Services, Computer and Information Systems, University Park Campus**—Responsible to designated project leader for conducting analyses of

data processing and operational problems, determining detailed requirements to solve problems, formulating logical statements of systems problems and preparing computer programs to satisfy desired end results. Make presentations and submit written reports. Requires bachelor's degree, or equivalent, in basic computer systems and one to two years of effective experience in computer programming and analysis. Experience with DEC VMS is preferred. STAFF GRADE 6.

• **Director, Industrial Extension Office, Senior Vice President for Research and Dean of the Graduate School, Associate Vice President for Research and Technology Transfer, University Park Campus**—Responsible to the associate vice president for research and technology transfer for the management, coordination of related activities and process evaluation of the statewide operation of an industrial extension program (PENNTATP). Requires master's degree, or equivalent, in engineering, or physical science, plus five to seven years of effective experience in negotiating working relationships with industry and/or universities. An extensive background in project management, administration and technology-based economic development is desirable. Doctorate preferred. STAFF GRADE 10.

• **Assistant Director, Federal Programs, Academic Services, Office of Student Aid, University Park Campus**—Responsible to the assistant vice president for student financial aid for supervising the Pell Grant, Guaranteed Student Loan and federal campus-based aid programs. Supervise professional office staff; manage and administer various aid programs. Requires master's degree, or equivalent, preferably in student personnel, higher education, public administration or social sciences or equivalent, plus three to four years of effective experience in student personnel, student aid or other

related areas. Excellent interpersonal skills also required. STAFF GRADE 8.

• **Communications Specialist, Housing and Food Services, University Park Campus**—Responsible to the Housing and Food Services director of personnel and training for developing, writing and preparing editorial materials for brochures, newsletters and other communication materials. Requires bachelor's degree, or equivalent, in journalism, English or speech communications or related field, plus one to two years of effective experience. STAFF GRADE 5.

• **Neurophysiology Technician, University Hospital, Department of Nursing, The Milton S. Henshey Medical Center**—Responsible to the coordinator, Adult Epilepsy Program, for the performance of a variety of clinical neurophysiology studies, including intensive video-EEG monitoring on patients in the EMU. Requires high school graduate, or equivalent, completion of department approved formal training or on-the-job training performing EEG studies in the clinical neurophysiology laboratory and eligible for Part I examination of ABRET, plus one to two years of effective experience. STAFF GRADE 4.

• **Supervisor of Hospital Billing, University Hospital, The Department of Fiscal Services, The Milton S. Henshey Medical Center**—Responsible to the manager, hospital billing, for the operation and supervision of hospital billing units in the preparation and presentation of claims to third-party payers. Requires bachelor's degree in business administration, or equivalent, plus one to two years of effective experience, preferably in a teaching hospital. STAFF GRADE 6.

• **Manager of Pharmacy, University Hospital, The Pharmacy Department, The Milton S. Henshey Medical Center**—Responsible to the

associate hospital director for the administrative and technical operation of the Department of Pharmacy to include the recruitment and retention of professional, technical and clerical employees, as well as providing quality service at a cost corresponding to the highest level of productivity. Requires a master of science degree or doctor of pharmacy degree, completed ASHP-approved residency in hospital pharmacy, plus three to four years of effective experience. Pennsylvania registration as pharmacist or eligibility required. STAFF GRADE 8.

• **Computer and Telecommunications Specialist, CES, Worthington Scranton Campus**—Maintain operations of the computer laboratories and assist the faculty, staff and students in the use of laboratory facilities; serve as liaison and point of communication with the Office of Telecommunications. Requires associate degree, or equivalent, in computer science, plus two to three years effective experience in programming, data processing, microcomputer operation and knowledge of programming languages. STAFF GRADE 5.

• **Coordinator, Residence Hall Programs, Student Services, Division of Campus Life, Various Campus Locations**—Responsible for resident assistant supervision and training, community building, counseling, conflict resolution, discipline and organizational advising. Requires bachelor's degree, or equivalent, plus one year of effective experience. Candidate should possess a thorough understanding of the role and purpose of residence hall living as it applies to student development, human relations and community awareness. THIS IS A CONTINUING, 10-MONTH, LIVE-IN POSITION. STAFF GRADE 6.

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William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

MITCHELL AWARD

Pamela Friedman is this year's recipient of the Philip Philip Mitchell Alumni Service Award. See Story on page 3.

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University ranks fifth in graduates who earn doctorates

Penn State ranks fifth among all American colleges and universities in the number of its baccalaureate degree graduates who earn doctoral degrees, according to a recent study by the National Research Council.

The "Summary Report 1988, Doctoral Recipients from United States Universities," ranks the baccalaureate degree institutions of students who continued their education to receive Ph.D. degrees from 1980 to 1988. Universities are ranked according to Ph.D. degrees in all areas and in seven specific fields.

"Penn State's high ranking reflects both the quality and breadth of our undergraduate programs," C. Gregory Knight, vice provost and dean for undergraduate education, said. In total, Penn State graduates earned 694 doctoral degrees during that period.

Within specific fields, Penn State ranks

11th in the number of graduates who received doctoral degrees in physical sciences, ninth in engineering, fourth in life

sciences, ninth in social sciences, 42nd in humanities, second in education and ninth in professional fields.

Other top ranking undergraduate institutions are the University of California at Berkeley with a total of 1,000 baccalaureate degree graduates who earned Ph.D.s from 1980 to 1988, the University of Michigan with 837, the University of Illinois at Urbana with 714, and Cornell University with 733 Ph.D. recipients.

"It is very gratifying to have Penn State recognized as having so many strong undergraduate programs. Our student population is enormously diverse, but the quality of programs in our academic colleges and the demands of those majors keep our graduates competitive," Dr. Knight said.

Penn State has a total of 60,019 undergraduates, 11,526 of whom are at the University Park Campus and 28,493 of whom study at the University's 19 other undergraduate campuses across the state.

President's statement on governor's budget

The governor's budget, from our initial perspective, appears to be austere. It does not reflect what is necessary for the University.

As proposed, we are anticipating that what is presented for Penn State will create some difficulties for us. This is particularly troublesome, given the history of higher education funding in the Commonwealth, where Pennsylvania ranks 47th among the 50

states in appropriations per student and where Penn State ranks last among the public universities in the state.

The governor and the General Assembly took an initial step to reverse that trend last year, and we must do all we can to continue in that direction. We will reserve further comment until such time as we have been able to study the governor's budget document more closely.

—Bryce Jordan

IBM gives computers for world's largest telescope

IBM Corp. has given Penn State astronomers the sophisticated computers and software needed to help build and operate the world's largest telescope designed for spectrographic analysis of light from the stars.

The IBM equipment, valued at \$91,000 will be used in the 8-meter (320-inch) Spectroscopic Study Telescope now under development. Astronomers from the

University of Texas at Austin are cooperating on the project, which will be implemented at the McDonald Observatory in Texas.

Most of the questions that interest astronomers can only be answered through using larger telescopes and spectroscopy.

The SST was conceived several years ago by Penn State astronomers Daniel W. Weedman and Lawrence W. Ramsey. Their

problem? How to build a large, but affordable telescope.

They hit on the idea of using 85.1 meter mirrors, individually controlled by an IBM PS/2 computer as the main reflective surface. These identical mirrors can be mass-produced for a fraction of the cost of a single, 320-inch mirror.

And, since the SST is stationary and has to compensate for gravity in only one

direction, its mirrors are also lighter. Thus the supporting framework can be lightweight, strong and simple.

Other small IBM computers will allow automated data storage and analysis. Routine commands, such as setting the time and date for a particular observation, can be programmed and run without a human's presence, and astronomers will be able to

(Continued on page 3)

Penn State Dance Marathon will begin Feb. 16

After eight months of planning and preparation by more than 1,000 students, the nation's largest student-run philanthropy will begin Friday, Feb. 16, and run for 48 hours. More than 500 students will participate in the 18th annual Penn State Dance Marathon.

The marathon, which is sponsored by the Interfraternity Council and Panhellene (governing sorority body), supports the Four Diamonds Fund -- a children's cancer treatment fund at the Hershey Medical Center.

The primary purpose of the Four Diamonds Fund is to give financial assistance to the parents of children with cancer. The fund also provides for a social work staff to deal with the emotional and social stresses the families face as they cope with intensive therapy, the threat of terminal disease, and the recovery from loss of a loved one. Funds also are used for approved clinical, educational and research programs relating to children with cancer.

The dance marathon is the major, annual contributor to the Four Diamonds Fund. Last year's donations were \$456,617. The money raised from the event comes from fraternity and sorority members camping throughout the state, dancer sponsorships and corporate donations.

To sponsor a dancer or provide a donation, call 863-2283 or stop by 310 HUB for more information.

Conference on microcomputers

The latest in computer technology and methods will be on display March 9 and 10 during the Microcomputer Information Exchange Conference and Computer Fair at University Park.

The conference sessions, scheduled to begin March 9 and continue March 10 at the Keller Conference Center, will focus on such topics as multimedia courseware development, desktop publishing, statistical processing and many others.

The Computer Fair and a special

(Continued on page 3)

Minority entry program provides work experience

Getting that first job can be a trying experience, especially for new college graduates with little or no work experience.

The University, for example, typically hires individuals who have some on-the-job experience, even for entry-level positions. Robert L. Kidder, director of employment and development, Office of Human Resources, said.

"This can pose a 'catch-22' dilemma for individuals ready to embark on careers. They may have the right academic preparation, but they lack work experience. And, without experience, they cannot get their first job.

The University has a program designed to help recent college graduates gain valuable professional work experience related to their career goals.

The Minority Professional Entry Program, established in 1985, is open to interested minority candidates. Mr. Kidder said. He coordinates the program, which has had 10 participants to date.

"The Office of Human Resources proposed the program in 1984, because we were finding that minority applicants were coming to us with appropriate education, but little or no work experience," Mr. Kidder said. "We wanted to help

them gain the experience that would prepare them for higher-level positions."

Current participants are Gregory D. Goldsmith, programmer/analyst in the Department of Management and Systems Engineering; Andrew P. Smallwood, human resources assistant in the Office of Human Resources; Donald A. Ferrell, assistant manager II in maintenance and operations in the Office of Physical Plant; and Duane M. Bullock, purchasing intern/buyer in the Department of Purchasing.

The Office of the Vice President for Business and Operations initiated the program, which extends for 18 to 36 months, several years ago. The program is funded jointly by the Office of the Vice President for Business and Operations and the Equal Opportunity Planning Committee. It is available to other units within the University.

Any University unit can request an intern participant, Mr. Kidder said. The procedure involves establishing a program of activities to train and qualify the candidate to assume a non-intern-related position within the work area or in another area within the University, if one becomes available. The unit also assigns a mentor to the intern to

help the person cope with the transition from college to workplace.

The unit shares support for the intern with the EOPE. During the internship, the Office of Human Resources monitors and evaluates the intern's progress and reviews the unit's developmental plan for the intern.

OHRA also recruits candidates for the program, using a variety of methods, including advertising in news media and contacting career development and placement offices at other institutions, Mr. Kidder said.

"We're pleased with the program," he added. "It works. The program offers the interns an opportunity to gain professional work experience, to test a chosen career and to start a professional network that will be valuable no matter where they go."

At the end of the internship, candidates may apply for University openings. Of the six previous interns, two became full-time staff members at the University, while four others left to pursue graduate work or take jobs outside the area.

For information on setting up an internship, contact the University's Employment Office at 865-1387.

(See related story on page 3.)

Focus on Diversity

University is offering graduate fellowships

The University is offering graduate fellowships to American Indian students interested in training to be special educators.

The deadline for submitting applications is April 15 for fall semester 1990 and Nov. 15 for spring semester 1991. Participants in the program receive a monthly stipend of approximately \$650, remission of tuition, and textbook, dependency, and relocation allowances.

The American Indian Special Education Teacher Training Program, established in 1983 through a grant from the U.S. Department of Education, offers a special course of study geared toward American

Indian students.

The AISETPP is designed to prepare American Indians to effectively teach children identified as having mental or physical handicaps requiring special educational programs. Special seminars focusing on American Indian education and special education are conducted in conjunction with the Native American Program and extensive field experience is provided. Depending on applicant qualifications, the course of study involves at least a one-year commitment.

Participants who complete the program receive the master of education degree in special education. Graduates of the master's

program are qualified for several employment opportunities, including teacher of education, special education program coordinator and consultant, special education program developer, and special education positions within the Bureau of Indian Affairs.

Anna Gajjar, associate professor of special education, is director of the program which is affiliated with Penn State's nationally recognized Native American Program. Applications are now being accepted. For more information, contact Dr. Gajjar, 226B Moore Building, University Park, Pa. 16802, or call the program office at (814) 863-2284.

WPSX-TV program

Portrait of a Speaker, a personal profile of former Speaker of the Commonwealth of Pennsylvania House of Representatives K. Leroy Irvis, will be broadcast at 2:30 p.m. Saturday, Feb. 17, on Channel 3 as part of Black History Month programming.

The 30-minute special looks at the many and diverse contributions Rep. Irvis has made to Pennsylvania—as an artist and supporter of the arts, a civil rights activist, a public servant and a mentor to young people.

The program, produced just prior to Rep. Irvis' retirement in 1988, also includes thoughts and comments from noted leaders and friends such as Gov. Robert P. Casey; Rep. Gordon Linton, chair of the Black Caucus; Republican Leader Matthew Ryan; William Strickland of the Bidwell Training Center, Pittsburgh, and former Pittsburgh newspaper editor Frank Bolden.

Diversity Opportunities Calendar

Thursday, Feb. 15

Commission on Racial and Ethnic Diversity, noon to 4 p.m. and 4 to 6 p.m., HUB Fishbowl. Members of the University community are invited to address diversity concerns to commission members.

Paul Robeson Cultural Center, 8-30 p.m., Robeson Center. La Francis Rodgers-Rose will discuss "Black Male/Female Relationships: From History to the Present."

Center for Women Students, 8 p.m., 301 HUB. Contemporary Scholarship on Lesbian and Gay Lives Speaker Series. Charles I. Nero will discuss "Pink, Black, and Red: Male Homosexuality and Nationalism in African American Literature."

Friday, Feb. 16

Paul Robeson Cultural Center, noon, Kern Graduate Commons. Film, "Keeping the Faith."

Paul Robeson Cultural Center, 8 p.m., Schwab Auditorium. Musical performance by Sankofa/African, African American and Caribbean Band.

Sunday, Feb. 18

Paul Robeson Cultural Center, 2 p.m., 4 Carnegie Bldg. Film, "Eyes on the Prize: Bridge to Freedom."

Monday, Feb. 19

Paul Robeson Cultural Center, 7 p.m., Robeson Center Auditorium. Program, "In Search of Our Roots."

Tuesday, Feb. 20

Women's Studies, 7 p.m., 12 Sparks Building. Lesbian and Gay Film Festival film, "Storm: Lady of the Jewel Box."

Women's Studies, 8 p.m., Berks Campus. Leola Johnson will discuss "Representations of Black Women in Popular Culture." Also 2 p.m., Feb. 21, Worthington Scranton Campus.

Wednesday, Feb. 21

Center for Women Students, noon, 120 Boucke. Presentation, "Visions of the Spirit: A Portrait of Alice Walker."

Penn State Erie, The Behrend College, 8 p.m., Reed Lecture Hall. Folk musician Josh White.

Black History Month noted at Bookstore

The celebration of Black History Month is taking place at the Penn State Bookstore on Campus, with a large display of books by Black authors, books on Black history, arts and social issues, juvenile books and other books of Black interest. *A Heritage in Print—Black History Month Celebrated* involves a large collection of books of interest to all ages and cultures.

The rich and varied history of Black Americans, too often neglected, is explored in many of the titles, while others focus on the cultural and literary heritage of African-Americans. Also offered are books on such timely issues as racial equality and civil

rights, along with the writings and speeches of Martin Luther King, Malcolm X, W.E.B. Dubois and others.

Fact and fiction, philosophy and politics, poetry and photography, are some of the subjects of this selection. The books will be available and on display throughout the month of February and are generally available year-round at the Bookstore.

The Bookstore encourages the public to take advantage of the opportunity to view this display, in conjunction with participating with the many events taking place in honor of Black History Month universitywide.

Teleconference

Faculty, staff, and students are invited to take part in a live teleconference, "The Struggle Continues: The Pride and Possibilities of African-Americans," at 1 p.m. Wednesday, Feb. 21, in Kern Auditorium at University Park.

The teleconference will feature black business, government, education, and entertainment leaders who will respond to a student panel's questions about careers and the spectrum of options available to African-American youth.

Guests scheduled to participate include Ben Carson, director of pediatrics/neurology, Johns Hopkins Hospital; Bishop John Hurst Adams, the African Methodist Episcopal Church, Atlanta; Florence S. Farley, mayor, Petersburg, Va.; Rae Linda Brown, professor of African-American studies, UCLA, and others.

The teleconference is free and is offered to all campuses.

Carpooler

Joyce would like to carpool from Houtzdale to University Park. Her work hours are Monday through Friday, 7:30 a.m. to 4:30 p.m. Call 865-7667 or 378-5651.

The Campaign for Penn State

In College of Science

Gift will endow faculty chair

Verne M. Willaman, a former president and chairman of Ortho Pharmaceutical and a director at Johnson and Johnson, has given \$1 million to endow a faculty chair in the College of Science. Mr. Willaman is a 1951 graduate of the University.

The Verne M. Willaman Chair in Life Sciences will be used to attract or retain a distinguished professor in molecular and cell biology.

Verne has been a strong supporter of Penn State for many years. President Jordan said "This generous and timely gift will underwrite scholarly excellence in a vital field at Penn State."

Mr. Willaman has demonstrated that we have dedicated alumni who recognize that The Campaign for Penn State is continuing. We will be working hard on this through June 30, when the campaign formally ends.

"I've always been fascinated by the potential of scientific discovery to improve the lives of people around the world," Mr. Willaman, of Sedona, Ariz., said. "I hope I have contributed to helping Penn State recruit a top-caliber scientist whose work will be for the betterment of all."

Mr. Willaman earned a bachelor's degree in biological chemistry in 1951. He entered that same year in the Navy, serving on the aircraft carrier U.S.S. Franklin D. Roosevelt in the Korean War.

He joined Ortho Pharmaceutical (a subsidiary of Johnson and Johnson) in 1954 and was elected to the board of directors in 1968. He later served as president, director of marketing, and chairman. He was elected to the Johnson and Johnson board in 1977, retiring in 1988.

"The Willaman Chair will further enhance our already strong programs in the biological sciences," Gregory L. Geoffroy, dean of the College of Science, said. "Our understanding of biological processes, particularly in medicine and human health, is a rapidly advancing area of science. We are poised to assume a leadership role as a consequence of the establishment of the Willaman Chair."

Mr. Willaman was named an Alumni Fellow in the College of Science in 1985, served on the National Campaign Committee for Biotechnology, and was a member of the Alumni Council's Executive Board.



Wilkes-Barre Center for Technology

James H. Ryan, right, Penn State Wilkes-Barre Campus executive officer, welcomes the news media to the new Wilkes-Barre Campus Center for Technology. The \$3.8 million center includes laboratories for telecommunications technology, electrical, civil and mechanical engineering technology, biomedical equipment technology and robotics. Funds for the center were raised through the Campaign for Penn State and the Wilkes-Barre Campus Campaign for a Center for Technology. A gala public dedication, featuring President Jordan, will be held April 5-7.

Obituary

Eugen J. Skudrzyk, professor emeritus of physics, died Feb. 2 at the age of 70.

A graduate of the Imperial College of Science and Technology, London, he received his doctorate at the University of Berlin.

Dr. Skudrzyk began his teaching career in the field of acoustics at the Technical University of Vienna in 1947. In 1955, he joined the Ordnance Research Laboratory and the Department of Physics and served as a teacher, researcher and mentor to many graduate students for 23 years.

After his retirement in 1978, he continued active participation in the acoustics field at the Applied Research Laboratory.

Dr. Skudrzyk was author of four books and author or co-author of more than 170

scientific articles and papers.

In 1983, he was awarded the prestigious Rayleigh Medal by the Council of the Institute of Acoustics of the United Kingdom and the first Silver Medal in Theoretical and Applied Acoustics by the Acoustical Society of America.

A memorial service will be held at a future date. Memorial contributions may be made to the E.J. Skudrzyk Memorial Fund, Applied Science Building, University Park.

IBM gift

(Continued from page 1)

call the observatory computer and retrieve data remotely.

The estimated cost of the SST is about \$7 million.

The IBM gift is part of The Campaign for Penn State.

Faculty Senate News

The University Faculty Senate will meet at 1:30 p.m. Tuesday, Feb. 20, in Room 112 Kern Graduate Building.

Items discussed at the Jan. 23 Senate meeting:

- Penn State's Affiliation with the Western Intercollegiate Conference (Big 10)
- Revisions to 47-40 Rule
- Personal Access Code (PAC) Option
- Status of Construction Projects
- Air Conditioning Procedures
- University General Education Subcommittee Legislation
- Continuing Education
- Program Definitions

- Pennsylvania Education Partnership Program
- Research and the Graduate School
- Undergraduate Education in the '90s
- Faculty Census Report

At the next meeting:

- Proposed Change in Constitution Article II, Section 1
- Report on Programs for Parents/Families of Undergraduate Students
- Penn State Vision Care Program
- Review of the Supreme Court Ruling on Tenure Documents
- Cultural Diversity Requirement (Forensic Discussion)

Dr. Vannice receives Humboldt award

M. Albert Vannice, Distinguished Alumni Professor of chemical engineering, has been elected to receive a Humboldt Research Award for Senior U.S. Scientists.

As a result of the award, which entitles the recipient to a six-month stay in the Federal Republic of Germany, Dr. Vannice currently is working with Harald Ibach in Jülich, West Germany, at the Institut für Grenzflächenforschung und Vakuumphysik. He will be returning to Penn State in July.

Dr. Vannice received the Professional Progress Award from the American Institute of Chemical Engineers in 1986 for outstanding research in the field of catalysis. He has been with Penn State since 1976.

The prestigious Humboldt Research Award is one of approximately 100 granted each year by the Alexander von Humboldt Foundation of West Germany to eminent foreign academics in recognition of achievements in research. The awards are intended to promote long-term specialized

cooperation between foreign and German researchers.



M. Albert Vannice

Ross Lehman will be featured author

Ross Lehman, '42, retired executive director of the Penn State Alumni Association, will be the featured author at the Penn State Bookstore on Campus from noon to 2 p.m. Friday, Feb. 16. Mr. Lehman will sign and discuss his new book, *Open House*.

Open House is an anthology written by Ross and Kaye Popp Lehman and edited by Elizabeth Bucher Ball, consisting of the well-known "Open House" columns written for the *Centre Daily Times* from 1954 to 1980. The book gives details of the Lehmans' daily lives, their thoughts and interactions with family and friends, and a glimpse of State College as it used to be.

As a part of the Alumni Association for 35 years, Mr. Lehman not only edited *The Alumni News*, but he also maintained strong ties with the State College community through his daily "Open House" column, reflecting changes in the town, the University and the Lehman household with equal sensitivity and acumen.

The public is invited to visit the Bookstore and to meet Mr. Lehman. The publisher's proceeds will be donated to Penn State's Kaye Lehman Fund. A 20-percent discount is being offered during the book-signing session.

Microcomputers

(Continued from page 1)

Publisher Fair will run concurrently with the conference. The Computer Fair will be held at the Nittany Lion Inn. The Publisher Fair will be held in the Conference Center lobby. Both are open to the public and will feature state-of-the-art equipment and publishing methods.

Fred T. Hofstetter, associate provost for academic computing and instructional technology at the University of Delaware and an IBM consulting scholar, will be the

keynote speaker at the conference. He will deliver a talk titled "Classroom Innovations: The Computer as Multimedia Instructional Tool" at 12:30 p.m. March 9 in the Keller Conference Center.

Other topics of interest during the conference will include interactive videodisc applications, networking desktop publishing, hypermedia, computer viruses, test generators and computer-aided design. Anyone interested in registering should contact Donna Ricketts, conference coordinator, at (814) 863-1743.

Two new study abroad programs offered

Students now have two more options for studying abroad with the addition of programs at the University of Nairobi, Kenya, and the University of Melbourne, Australia, available in spring 1991.

Both programs may be taken for one semester or for a full year, depending on the Office of Education Abroad Programs in the University Office of International Programs.

Other programs open for spring 1991 include Athens, Greece; Cairo, Egypt; Canberra, Australia; Cologne and Kiel,

West Germany; Exeter, Leeds and Manchester, England; Leningrad, Soviet Union; Lima, Peru; Nice, France; Rome, Italy; Salamanca, Spain; San German, Puerto Rico; and Tel Aviv, Israel.

The deadline for applications is March 5 for all programs except the mass communications program in Manchester, England, which has an April 1 deadline. For more information, contact the Office of Education Abroad Programs, 222 Boucke, 865-7681.

Bookshelf

The book *Workers' Health, Workers' Demos...* (Cornell University Press) by Alan

Derickson, assistant professor of labor studies and industrial relations, has been named winner of the 1988 Philip Taft Labor History Award. The Taft Award honors the book judged as best scholarly contribution to American labor history during the preceding calendar year.

Dr. Derickson's book outlines the history

of medical self-help among miners in the American and Canadian West from 1891 to 1925. It shows how, beginning in the 1890s, miners worked through local unions to establish and operate hospitals, administer nursing programs and regulate dangerous working conditions.

Among other projects, these organized miners planned, built and governed more than 20 general hospitals throughout the western United States and Canada.

They are assigned a mentor to guide them through the transition from college to work-world and to assist them in their learning program.

With the successful completion of the first phase of the program, participants are promoted and reassigned for nine months to a second C&IS unit. This is designed to broaden the interns' experience and expand on their knowledge and value to C&IS, Mr. Peworchik said.

The third and final phase involves a nine-month assignment to a position which will be a bridge to a full-time, regular position in C&IS.

Throughout the program, the participants are eligible to compete for vacancies within C&IS, Mr. Peworchik said. After two years, they are eligible and encouraged to compete for promotions.

During the 30-month program, these individuals, as well as other C&IS employees, are encouraged to continue their education. As University employees, they may receive release time for up to 16 credits each academic year.

C&IS is funding the current program and has obtained additional funds to add three more positions in July 1990, Mr. Peworchik said.

Offices recruit University graduates for program

The Office of Computer and Information Systems (C&IS), in cooperation with the Office of Human Resources, is recruiting University graduates through a professional development program.

"Through our program, we will be recruiting our own capable graduates and offering them a career in C&IS. We are looking for Penn State's finest and are trying to encourage them to stay and work for their alma mater," J. Gary Augustson, C&IS executive director, said.

"C&IS is responsible for delivering state-of-the-art computer information services to researchers, quality educational tools to faculty and students, rapid access to library materials and administrative information to faculty, staff and students. Employees of C&IS have the opportunity to work on projects which are challenging beyond those in most industrial settings," he added.

Under Mr. Augustson's direction, C&IS created a professional development program in 1988, kicking it off with a dinner meeting attended by seniors studying in computer and technology fields. C&IS staff members sought the help of college minority coordinators in identifying students to be invited. **Paul J. Peworchik**, assistant to the executive director, C&IS, said.

A number of students participated in the informational session with senior C&IS staff members and unit directors. They had a chance to learn about C&IS's operations, as well as ask questions about career opportunities, Mr. Peworchik said.

Last May, C&IS interviewed interested students and selected three participants: Evette Bazemore, who is working in the Center for Academic Computing; Marsha Smith, who is working in the Office of Telecommunications; and Tonya Matlocks, who is working with Management Services.

"The program is working well," Mr. Augustson said. "We are trying to make the professional development program a positive experience. Our aim is to interest our technology graduates in staying with Penn State. With this program, we are putting them into productive positions in the mainstream of the information technology field."

Each participant begins in a full-time, entry-level position, spending 12 months with a "home organization" — one of the units within C&IS (Center for Academic Computing, Management Services, Office of Telecommunications and Library Computing Services).

Focus on the arts

The arts on Channel 3

French-born pianist and professor of music Marylene Dosse, best known for her insightful piano interpretations of works by French composers, shares her expressive instrumental talents with viewers in *French Piano Dosse*, a new WPSX-TV music production airing at 11 p.m. Friday Feb. 10.

Unlike a formal concert or recital hall program, this intimate performance features Professor Dosse talking, one-on-one about her music and interpretations.

Dance legend Margot Fonteyn, who celebrated her 70th birthday last year, shares her remarkable life with PBS viewers at 1 p.m. Sunday, Feb. 18, in a revealing *Great Performances* special. The teleportrait, combining performance clips and newsreel footage with the ballerina's own narration, marks the first time the dancer has agreed to speak on camera about her career and storybook marriage to Panamanian diplomat, Roberto Arias.

"In a Shallow Grave," the first work by controversial American novelist James Purdy to be adapted for the screen, will have its television premier on *American Playhouse*, at 9 p.m. Wednesday, Feb. 21. The story reflects the broader theme of the healing of a nation after the ravaging wounds of a war.

Organ concert

Six Penn State organ students will present a concert at 3 p.m. Sunday, Feb. 18, in the Recital Hall of the Music Building at University Park.

The program will include works by Buxtehude, J.S. Bach, Franck, Mendelssohn and Widor.

The students are Kristin Clouser, Jeff Hall, Susan Scott, Corey Strickland, James Unger and Kenneth Yarmey.

Sculpture installed

An eight-foot tall sculpture titled "Chaldean Monad" has been installed on Fisher Plaza near Kern Graduate Commons at University Park.

The work is by William Bradley, associate professor of art education in the School of Visual Arts, and will be on display through the Spring Semester.

Made of polychromed bronze and steel, "Chaldean Monad" is blue and vermilion with light green patinated bronze areas. The work represents professor Bradley's interest in the visual presentation of ancient texts and the resumption of the power of the image over the word.

Video artist

Critic, photographer, performer and video artist Martha Rosler will speak at 1:30 p.m. Tuesday, Feb. 20, at the Palmer Museum of Art at University Park.

The sixth participant in the School of Visual Arts' Visiting Artist Program, Ms. Rosler will give informal talks at 7:30 p.m. Monday and Tuesday, Feb. 19 and 20, in 215 Willard Building Scholars Lounge.

As a political activist and feminist, Ms. Rosler persists in her defiance of our cultural homogenization and standardization. The main effort of most of mass media is to get you to succumb to magic and lose your critical ability," She says that her aim is to get the viewer to think critically by creating an irritant rather than a sense of entertainment.

Her work has been exhibited at the Documenta-Kassel in Germany, the Institute of Contemporary Arts in London, the Whitney Museum of Art, the Art Institute of Chicago and the New Museum of Contemporary Art in New York.

Ms. Rosler's talks are free and open to the public.



Video artist Martha Rosler will visit University Park Feb. 19 to 21 to give a series of lectures. See story this page.



Harlequin Mime is part of the "Five in One" metals exhibition in Zoller Gallery.

HUB Craft Center

The HUB Craft Center, located in 312 Hetzel Union Building at University Park, is beginning its second session of classes Feb. 20.

The Craft Center offers a diverse selection of instruction for both adults and children. The children's classes are weekdays - after school and on Saturday mornings. The adult classes are weekday evenings. Classes include weaving, pottery, stained glass, basketry, watercolor, drawing and quilting.

For more information, contact the HUB Craft Center at 312 HUB, 863-0611. Isabel Farrell is the coordinator.

Baritone recital

Richard Davis, baritone and faculty member in the School of Music, will present a recital at 8 p.m. Thursday, Feb. 22, in the Recital Hall of the Music Building at University Park.

The program will feature two song cycles, "Tre Sonetti Di Petrarca" by Liszt and "Chansons De Madecases" by Ravel. "The Trumpet Shall Sound" from Handel's "Messiah" and a duet from Bizet's *The Pearl Fishers*.

Accompaniment for the recital will be provided by School of Music faculty members. Timothy Shafer, piano; Eleanor Armstrong, flute, and Leonard Feldman, cello, will assist on the "Chansons De Madecases." Richard Kennedy, tenor, will assist on the Bizet duet.

The recital is free and open to the public.

Bach's Lunch

The Hi-Lo's from the Penn State Glee Club will perform in concert at 12:10 p.m. Thursday, Feb. 22, in Eichenhower Chapel at University Park. The 20-minute concert is part of the Spring Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The group will perform from its repertoire for its spring tour Feb. 23-28 that will include performances at the National Cathedral in Washington, D.C., and in Reading, Lancaster and Philadelphia.

The Hi-Lo's is composed of 12 students from the Penn State Glee Club, directed by School of Music faculty member Bruce Trinkley.

Relief woodcarvings

Relief woodcarvings by Tom Buggey of State College are on display in the Kern Galleries at University Park until Feb. 26.

Mr. Buggey has been working with high-relief woodcarving for the past four years. His interest in myth, history, and the noble aspects of the human and natural spirit have remained a central theme in his carvings.

He has won a number of awards, including the "Best in Class" and "Best of Show" at the 1988 Woodcarvers Competition at the Sawmill Center for the Arts in Cook Forest State Park. His work also has appeared in the *National Woodcarvers Association Magazine*.

Penn Staters

Howard G. Knuttgen, director of the Center for Sports Medicine, has been appointed to honorary membership in both the Czechoslovak Society of Sports Medicine and the China Sports Science Society.

Kenneth Kuo, distinguished alumni professor of mechanical engineering, presented an invited lecture at the 3rd International Seminar on Flame Structure in Novosibirsk, U.S.S.R.

Budugur Lakshminarayana, Evan Pugh professor of aerospace engineering, presented a paper on "Computation of Three Dimensional Turbulent Boundary Layers in Internal Flows Including Turbomachinery Rotor Blades" at the 9th International Conference on Air Breathing Engines in Athens, Greece.

Howard B. Palmer, professor of energy science and senior associate dean of the Graduate School, has been appointed for a three-year term to the Panel for Fire Research of the National Research Council. The panel is part of the Board on Assessment of NIST Programs, which provides annual reviews of the

performance in 17 areas of the National Institute of Standards and Technology.

Rustum Roy, Evan Pugh professor of the solid state and director of the Science, Technology and Society Program, has been appointed to the newly formed Science Advisory Board to the U.S. House of Representatives Science, Space and Technology Committee.

Adam J. Sorkin, associate professor of English at the Delaware County Campus, gave an invited lecture titled "Mihai Eminescu and Walt Whitman: Waiting for the Future" at an international colloquium in Bucharest to commemorate the centennial of the death of the Romanian national poet, Mihai Eminescu.

W. Dale Brownawell, professor of mathematics, presented an address titled "The Siegel-Shidlovsky Method for 'Algebraic Independence'" at the Natural Sciences and Engineering Council of Canada's Second Annual Canadian Number Theory Conference in Vancouver, British Columbia.

Eugene N. Borza, professor of ancient

history, presented a paper, "King Archelaus' Panhellenic Policy," at the Fifth International Congress on Ancient Macedonia at the Aristotelian University of Thessaloniki, Greece.

Moylan Mills, director of academic affairs, and **Enrique Gronlund**, instructor in Spanish, both at the Penn State Ogontz Campus, presented a paper titled "Despotism and Demonism: Gabriel Garcia Marquez and Ruy Guerra's *Eréndira*" at the International Conference on Representing Revolution in Literature and the Visual Arts held in Atlanta, Ga.

Donald Mincemeyer, assistant professor of agricultural and extension education, has received the National FFA Organization's Honorary American FFA Degree.

Gary O. Sauer, instructor in education, has been named to the American College of Healthcare Executives, a professional society dedicated to promoting competence in health services management.

August H. Simonsen, associate

professor of environmental sciences at the Penn State McKeesport Campus, presented a paper titled "Fenestrate Bryozoans from the Drum Limstone Pennsylvanian (Missourian) of Southeastern Kansas" at the 8th International Conference of the International Bryozoology Association in Paris, France.

John M. Skelly, professor of plant pathology, presented a paper at the International Union Forest Research Organization's Symposium, "Management of Nutrition of Forests Under Stress," in Freiburg, West Germany.

Gary S. Shea, assistant professor of finance, served as a visiting scholar at the Nationale de la Statistique et de Deministration Economique in Paris.

Kathy L. Hacker, assistant to the director of student programs and services at Penn State Beaver Campus, has been selected as the New Professional of the Year in the Great Lakes Region of the National Association of Campus Activities (NACA).

University Park Calendar

February 15— February 25 Special Events

Thursday, February 15

Brown Bag Lunch/Poetry Reading, 12:10-12:50 p.m., Palmer Museum of Art, 4th annual poetry compilation.

Bach's Lunch, 12:10-2 p.m., Eisenhower Chapel Woodwind Chamber Music.

Office of Religious Affairs, Ethics in America, videotape program with discussion, 3 p.m., Eisenhower Chapel, "Loyalty: Under Orders, Under Fire, Ethics in the Military Part I.

Office of Unions and Student Activities, HUB Personal Issues Series, workshop, "Maintaining Healthy Boundaries in Relationships," 7 p.m., HUB Fishbowl.

Black History Month, 7 p.m., Paul Robeson Aud. La Francis Rodgers-Rose, International Black Women's Congress, on "Black Male/Female Relationships: From the History to the Present."

Bicentennial of the French Revolution, lecture, 7:30 p.m., 112 Kern, Darline Levy, N.Y. Univ., on "Women and Militant Citizenship in Revolutionary Paris."

Pa. Dance Theatre lecture/demonstration, 8 p.m., Palmer Museum of Art, The Avant-Garde and the 1960s: An Exploration Through Movement.

School of Music, 8 p.m., Recital Hall, Penn State Percussion Ensemble, Creative Dimensions. Contemporary Scholarship on Lesbian and Gay Lives Speaker Series, 8 p.m., HUB Assembly Room, Charles I. Nero, Ithaca College, on "Pink, Black and Red: Male Homosexuality and Nationalism in African-American Literature."

Friday, February 16

IFC Dance Marathon, through Feb. 18.

Black History Month, noon, Kern Commons.

Video, *Keeping the Faith*, 8 p.m., Schwab Aud., Sankofa/African, African American and Caribbean Band.

Geog. Coffee Hour, 4 p.m., 319 Walker, Ronald Filippelli on "What Happened to Labor? Why Does it Matter?"

School of Music, 8 p.m., HUB Ballroom, Penn State Philharmonic Ball.

URTC, 8 p.m., Playhouse Theatre, "The Majestic Kid" by Mark Viedoff. Nightly performances, except Sunday, through Feb. 23. Matinee, Feb. 17, 2 p.m.

Saturday, February 17

College of Engineering, open house, 10 a.m.-3:30 p.m., Kern.

Shaver's Creek, 10 a.m.-4 p.m., Maple Sugaring Volunteer Training, Call 863-2000.

Center for the Performing Arts, 8 p.m., Schwab Auditorium, Guarneri String Quartet.

Black History Month, 9 p.m., Paul Robeson Aud., Dance, Phi Beta Sigma.

Sunday, February 18

Shaver's Creek, 2:30-3 p.m., Household Hazardous Waste, Call 863-2000.

Black History Month, 2 p.m., 4 Carnegie, *Love on the Prize: Bridge to Freedom*, (1965).

Pa. Dance Theatre performance, 2:30 p.m., Palmer Museum of Art, Text in Dance. Carnegie Hall Film Series, "Screening Race and Cinema and Documentary Films," 7 p.m., Sweet Shepherd's Balaam's Song (1971), 8:45 p.m., High School (1968), 4 Carnegie Free.

Monday, February 19

Comp. Lit. Luncheon, 12:15 p.m., 101 Kern, Stanislaw Baranczak.



The Guarneri String Quartet will perform in concert at 8 p.m. Saturday, Feb. 17, in Schwab Auditorium.

Harvard Univ., on "Problem of Translation between English and Polish."

Black History Month, 7 p.m., Paul Robeson Aud.

German Dept., film, 8 p.m., 101 Chambers, *Domino* (1982).

Tuesday, February 20

Penn State Chapter/National Association of Science Writers, Lunchtime Roundtable Series, 11:45 a.m., 313 Kern, Dick Smyser on "A Proposal for a Traveling Guru Program."

Kern Graduate Commons, nontime concerts.

Lynn Koval and Jill Olson, piano.

School of Visual Arts, 1:30 p.m., Palmer Museum of Art, Martha Rosler on "Recent Work."

Lesbian and Gay Film Festival, 7 p.m., 12 Sparks, *Somebody's in the Boat*.

Wednesday, February 21

Black History Month, noon-1 p.m., C.W.S. Lounge, 120 Boucke, "Visions of the Spirit: A Portrait of Alice Walker," 7 p.m., Paul Robeson Aud., play, *Nommo*, "A Black History Trilogy" art exhibit, Jewelllye Richie, PSU '84, drawings and photography, Paul Robeson Gallery.

School of Music, 8 p.m., Recital Hall, Penn State Symphonic Wind Ensemble.

Thursday, February 22

Bach's Lunch, 12:10 p.m., Eisenhower Chapel, Hi-Lo's of Penn State Glee Club.

College of Bus. Admin., teleconference, 2 p.m., Kern Aud., "Europe '92: Producing in the European Community: A View From Outside."

Office of Religious Affairs, Ethics in America, videotape program with discussion, 3 p.m., Eisenhower Chapel, "Confidentiality: Under Orders, Under Fire, Ethics in the Military Part 2."

School of Music, 8 p.m., Recital Hall, Richard Davis, baritone.

Friday, February 23

Geog. Coffee Hour, 4 p.m., 319 Walker, Saul Cohen, Hunter College, CUNY, on "Division, Conflict and Geopolitical Restructuring in New York City."

Saturday, February 24

Shaver's Creek, 8:30-10:30 a.m., Bird Breakfast, Call 863-2000.

International Events

Wednesday, February 21

Athens Evening, 7:30-9 p.m., 305 HUB, Chris Johnstone, lecture and slides on spring 1991 Athens, Greece, education abroad program.

Thursday, February 22

Fulbright Lecture, 4-5 p.m., Frizzell Room, Eisenhower Chapel, Robert Brown, Penn State Harrisburg, on "Peru: A Multidisciplinary Challenge for Researchers."

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m. "Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubinstein. "Perspectives," 6:30 p.m. Wednesdays, with Jeff Ballou, "Creative License," 12:10 p.m. Thursdays, with Asta Berlin and Pam Sulnier.

Conferences

Continuing Education

Keller Building

Feb. 20. Allegheny Educational Broadcast Council, Marlene Temeles, chair, Eric Loop, coordinator.

Feb. 21. Pa. Bar Institute: Civil Litigation Update. Jerri Milson, coordinator.

Feb. 22-24. Pa. System of Higher Education, Jerri Milson, coordinator.

Seminars

Thursday, February 15

Polymer Science, 9 a.m., 301 Steidle, R.P. Quirk, Univ. of Akron, on "Advances in Anionic Synthesis of Chain-End and In-Chain Functionalized Polymers."

Physics Colloquium, 3:30 p.m., SS Osmond Lab, Gordon Kane, Univ. of Michigan, on "Physics Goals for the SSC."

Ecology, 3:45 p.m., 111 Warrick, Thomas Morrell on "Status and Habitat Characteristics of the Great Horned Owl in Southeastern Pennsylvania."

Social History Colloquium, 4 p.m., Rare Books Reading Room, Patter Lurvey, Gary Cross on "After Working Hours: Trends in the History of the Leisure of Labor."

Tuesday, February 20

Gerontology Colloquium, noon-1 p.m., 101 Health and Human Dev., East, Suzanne D. Wills on "The Creativity of Scientists and Artists During Late Life."

Chemistry Colloquium, 3:30 p.m., SS Osmond Lab, William L. Jorgensen, Purdue Univ., on "Organic and Bioorganic Host-Guest Chemistry."

Wednesday, February 21

Accounting and MIS Research Colloquium, 3-5 p.m., 333 Beam, Shyam Sunder, Carnegie Mellon Univ., on "Market for Information: Experimental Evidence."

Thursday, February 22

Polymer Science, 9 a.m., 301 Steidle, J.S. Riffle, Virginia Polytech.

Physics Colloquium, 3:30 p.m., SS Osmond Lab, Paul Jelinek, National Institute of Standards and Technology, on "The Strange World of Ultracold Colloids."

Ecology, 3:45 p.m., 111 Warrick, Benjamin Jayne on "Public Policy Aspects of World Deforestation."

Exhibits

Chambers Gallery

Prints and books by art students at Univ. of New Mexico, through Feb. 16.

HUB Galleries

Browsing Gallery: Interiors by Linda Smith-Webster, through March 4.

Art Alley Panels:

Art Student League Spring Exhibition, through March 4.

Art Alley Cases:

International Festival Show, through March 4.

Formal Gallery:

"Rhythm and Blues: Black American Popular Music, 1945-1955," Smithsonian exhibit of photographs, through Feb. 18.

Kern Galleries

The French Revolution Machine, through Feb. 28.

Pittsburgh Filmmakers, photographs, through Feb. 28.

Tom Buggy, relict woodcarvings, through Feb. 28.

College Research Exhibitions, Intercollegiate Research Program, through Feb. 23.

Palmer Museum of Art

The Avant-Garde and the Text, through March 11.

Roman Portraits, through April 22.

Figurative Drawings of the 17th and 18th Centuries from the Accademia Nazionale di San Luca in Rome, opens Feb. 25-May 20.

Pattie Library

Lending Services Gallery: Margaret B. Duda, "The Many Faces of Urumq," through March 5.

Zoller Gallery

Visiting Arts Exhibition/Five in One, through March 4.

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather-234; Arts Line-345; University Calendar-456.

Bookshelf

Thomas W. Benson, professor of speech communication, is the editor of *American Rhetoric: Context and Criticism*, published by Southern Illinois University Press.

American Rhetors is a volume of essays by present and former University faculty and graduate students in honor of Eugene E. White, who retired as professor of speech communication in 1986.

In the volume, Carroll C. Arnold, professor emeritus of speech communication, examines the "communicative qualities of constitutional discourse" as revealed in a series of constitutional debates in Pennsylvania between 1776 and 1790.

Dr. Benson analyzes "rhetoric as a way

of being" in a 1971 protest demonstration at Penn State. Gerard Hauser, professor of speech communication, traces the Carter administration's failed attempt to manage public opinion during the Iranian hostage crisis.

Richard B. Gregg, professor of speech communication, ends the book with a speculative essay on conceptual-metaphorical patterns that may be emerging in American rhetoric.

Joseph Prewitt Diaz, associate professor of education, is the author of *The Process and Procedures for Identifying Exceptional Language Minority Children*.

Published with funds from the Office of Bilingual Education, Department of Education, the book seeks to provide the classroom teacher, special education

practitioner, school psychologist, and school administrator with general guidelines for assessing language minority children, for identifying exceptionalities in language minority children, and for placing language minority children in appropriate educational environments.

According to Dr. Prewitt Diaz, the unique feature of the book is that tips to school personnel have been inserted in the text. "These tips will help the educator to more effectively accomplish the goal of identifying and relating to language minority children and their special problems," he says.

Thomas R. Liska, assistant professor of English at Penn State Altoona Campus, is editor of *Volume 9: 1984 of the Index to*

Reviews of Bibliographical Publications: An International Annual (340 pages).

For this volume, 30 contributors from across North America have searched 365 journals or other review publications for reviews of critical editions, textual criticism, facsimiles, bibliographies, concordances, indexes, manuscript studies, histories of book production and trade, and other works of interest to bibliographers, textual critics, and bibliophiles. The reviewed works are either of general or American interest or related specifically to English or American literature.

The *Index to Reviews* is published by the Whitston Publishing Co. Inc. for the Bibliographical Society of Northern Illinois and is the sister publication of the journal *Annual and Enumerative Bibliography*.

Appointments

William H. McKinnon, assistant vice president for business, housing and food services since January 1989 has been named associate vice president for business and operations.

In announcing the appointment, James M. Wagner, vice president for business and operations, said "Mr. McKinnon will be fully in charge of the Office of Business and Operations in the absence of the vice president. He will continue to oversee Purchasing, Management and Systems Engineering, CES Business Operations, University Park Airport as well as Housing and Food Services."

According to Mr. Wagner, applications and nominations currently are being sought for the position of assistant vice president for housing and food services.

The assistant vice president has responsibility for residence facilities accommodating 16,578 students and dining halls serving over 25,000 meals each day at University Park Campus, seven CES locations, Penn State Erie, The Behrend College, and Penn State Harrisburg. The Office of Housing and Food Services has over 750 full-time employees, 1,200 part-time employees and a total budget of approximately \$60 million annually.

In addition to the new Housing and Food Services Building, the operations consist of 60 residence hall buildings, 13 dining halls,



Roger A. Martell

12 snack bars and a complete food and beverage vending service and catering service. In addition, on the University Park Campus, the complete food service in the Hetzel Union Building is operated by Housing and Food Services.

Qualifications for the position include a bachelor's degree in business administration, hotel and restaurant management, institutional food service or related field



Barbara Mulhern

with graduate training in these areas desirable. The position requires five to 10 years of effective management level experience in food service and housing operations in the public or private sector.

Applications are being received by the University Employment Office, Box 31, Rider Building, 120 Burrows St., University Park, Pa. 16802, until March 9.

Roger A. Martell has been appointed

classification analyst in the Office of Human Resources.

Mr. Martell, who received a B.S. degree in business administration from Mansfield University, joined the Office of Human Resources in August, 1988, as a staff assistant in the Human Resource Development Center.

He has since served as staff assistant, Salary Administration and Classification Division, and staff assistant, Employee Benefits Division.

Barbara Mulhern has been appointed publications coordinator in the College of Health and Human Development.

She will develop and produce promotional publications, write news releases and features, and coordinate communications programs and events.

Ms. Mulhern was director of public relations, marketing, and development at Central Texas Medical Center, San Marcos, Texas. She also was public information specialist at Warm Springs Rehabilitation Hospital in Gonzales, Texas, and has written, edited and coordinated publications for National Liberty Corp., Valley Forge, and Federated Investors Inc., in Pittsburgh.

A native of Patton, Ms. Mulhern is a graduate of Saint Francis College, Loretto, with a bachelor's degree in English and minors in journalism and management.

University staff members honored for their efforts

Reiber Award

Linda Ebert, manager of the Test Kitchen and **John Bollman**, manager of Laundry Services, both in Housing and Food Services, are recipients of the annual William H. Reiber Award. The Reiber Award is presented to staff members who demonstrate exemplary administrative qualities, including job performance, initiative, enthusiasm, loyalty, leadership, and cooperation with colleagues and students.

As manager of the Test Kitchen for 12 years, Ms. Ebert has been responsible for all of the recipes used at the University Park and Commonwealth Campus dining

facilities.

Since she joined the University staff, she has been involved in the ACUHO-I NACUES summer intern program for Hotel, Restaurant, and Institutional Management students who want to enter the hospitality field. She serves on the management team for the "What's for Lunch?" program and is active in a new food service sanitary/health program (HACCP) involving University Park and the Commonwealth Campuses.

Mr. Bollman, who has been with the Housing and Food Services staff for almost 20 years, has served as assistant food supervisor, catering supervisor and assistant manager of HUB Food Services.

As manager of University Laundry Services, he has made a number of improvements in the operation, including increased preventive maintenance, repair and serviceability of production equipment; modification of wash formulas that enhance product appearance and durability; and improved staff morale through involvement in production procedures modification.

Space grant program

Sylvia Stein, executive director of the University's NASA Space Grant College program and executive director of the Center for Cell Research in the College of Science, has been honored with a plaque

for her role in developing the new University-wide space grant program.

Charles Hosler, senior vice president for research and dean of the Graduate School, presented the plaque which reads: "In recognition of your creative efforts to make Penn State University a National Space Grant College."

Dr. Hosler oversees Penn State's Space Grant Program. W.C. Hymer, professor of biochemistry and director of the NASA-sponsored Center for Cell Research, is director and Richard McCarl, associate dean of the graduate school and professor of biochemistry, is in charge of the fellowship program.

Penn Staters

Bill Ellis, assistant professor of English and American studies at Penn State Hazleton Campus, has received a Centennial Award from the American Folklore Society for special contributions to the AFS Folk Narrative Section.

Anil K. Kulkarni, associate professor of mechanical engineering, presented a paper, "Upward Flame Spread on Vertical Wall: Model and Experiments," at the III International Seminar on Flame Structure sponsored by the International Union of Pure and Applied Chemistry in Alma-Ata, Soviet Union.

Larry Michelson, professor of psychology, director of the Agoraphobia Program and co-director of the Stress and Anxiety Disorders Institute, presented a paper on "Cognitive-Behavioral Treatment of Panic Disorder" at the World Congress of Cognitive Therapy in Oxford, England.

James R. Pratt, assistant professor of aquatic ecology, has won the New Investigator Award from the Society for Environmental Toxicology and Chemistry and the Air Force Office of Scientific Research for his research excellence in environmental toxicology.

C.R. Rao, Eberly professor of statistics,

has received a proclamation from Pennsylvania Gov. Robert Casey recognizing his accomplishments and contributions to statistical science.

Stanley Rosen, Evan Pugh professor of philosophy, spent five weeks in Pisa, Italy, where he was the first American to be appointed visiting professor at the Scuola Superiore degli Studi Universitari, one of the three advanced institutes for teaching and research in Italy.

Ralph J. Sabock, associate professor of physical education, has been chosen for the Ethics and Sportsmanship Fellow award by the Institute of International Sport. The Institute established the Fellows program to improve the role of ethics and sportsmanship in contemporary sport.

Amar Bhalla, senior scientist and professor of solid state science at the Materials Research Laboratory, organized the "Symposium on Electro-Optics and Nonlinear Optics" for the First International Ceramic Science and Technology Congress held in Anaheim, Calif.

Susan Clark-Teisner, coordinator of continuing professional education at

Pennsylvania College of Technology, has been elected treasurer of the Continuing Education Association of Pennsylvania and appointed to its executive board.

Eric Cross, Evan Pugh professor of electrical engineering, gave the plenary lecture on "Unusual Ferroic Phenomena and Their Potential Device Applications," and **Rustum Roy**, Evan Pugh professor of the solid state, gave the plenary lecture on "Rational and Irrational Strategies for Research on New Materials Synthesis" at the First International Ceramic Science and Technology Congress held in Anaheim, Calif.

Samuel M. Curtis, professor of agricultural education, is the 1989 recipient of the Distinguished Service Award, the most prestigious award given by the American Association of Teacher Educators in Agriculture. The award recognizes superior contribution to the field of teacher education in agriculture, excellence in teaching undergraduate and graduate students, significant research in agricultural education, scholarly writing and service to agricultural education and vocational education.

Patricia Dunkel, associate professor of speech communication, delivered a plenary address at the 1989 CALL (Computer-Assisted Language Learning) conference at the Wilhelm-Flecker-Universität in Rostock, East Germany.

Joseph Jordan, professor of chemistry in the College of Science, gave an invited plenary lecture titled "Electrochemical and Bioelectrochemical Sensors" at the Fifth Congress of Analytical Chemistry in Paris, France.

Sridhar Komarneni, professor of clay mineralogy in the Materials Research Laboratory and the Department of Agronomy, presented a paper on "Nanocomposite Desiccation Materials" at the International Gas Conference in Tokyo, Japan; a paper on "Hydrothermal Processing of Zircon" at the Advanced Materials Science and Engineering Society Symposium on Hydrothermal Reactions in Tokyo; and a seminar on "Substituted Tokemites -- A New Family of Cation Exchangers" at the Tokyo Institute of Technology.

John Vozar, campus police officer at Penn State McKeesport Campus, has received the Governor's Highway Safety Award for his efforts in seatbelt safety education.

Partings

Robert Fooks, supervisor of trades, has retired after almost 30 years service.

Mr. Fooks began working at the University in 1954 as a painter. He also was an estimator and a customer service representative before his advancement to supervisor of trades. He supervised the painters, the paint shop, the sign shop, plasterers, the upholstery shop, and the floor covering shop.

Mr. Fooks said he enjoyed his work at Penn State and especially the people he worked with. Seeing a job from start to finish and the resulting changes were especially satisfactory to him.

Residents of Philipsburg, Mr. Fooks and his wife, Jean, have a daughter, Ella Ann Forcye, who is a graduate of Penn State.

His retirement plans include hunting and traveling to the West.



Robert Fooks

more interested in their own education," she said.

She and her husband, Richard, live in Lamar, and they have two children and six grandchildren.

Her retirement plans include crocheting with her 95-year-old mother, gardening and swimming in the summer. She also would like to take courses in crafts, such as pottery.



Janice P. Meyer

James D. Stever, accountant in the Office of the Controller, has retired after almost 30 years of service.

Mr. Stever began working for the University in 1960, as an accounting aide preparing studies on University overhead and faculty research time.

In 1970, he was transferred to a new position working with student records and reports for the National Science Foundation, NASA and other federal



James D. Stever

agencies.

Mr. Stever began his work at the Bursar's Office in 1982, where he was in charge of the refund area. His position involved releasing aid money and servicing loan checks for students.

Mr. Stever said he enjoyed his job and accounting. His retirement plans include time with his wife, Frances, his children and his grandson. He also will help his wife with her clothing shop, *Armour*.

Promotions

Staff Exempt

Marilyn Mitinger to program assistant in Commonwealth Educational System.

Staff Non-Exempt

Todd W. Berran to engineering aide in Applied Research Lab.
Mary Ann Chavey to administrative aide at Hershey.
Lorri A. Fackler to coordinator, outpatient scheduling at Hershey.
Michele L. McLaren to cardiovascular technician at Hershey.
Tammien L. Norman to senior computer tomography radiological technologist at Hershey.
Eric H. Wagner to engineering aide in Applied Research Lab.

Clerical

Barbara M. Aurand to secretary A in Office of Physical Plant.
Lois L. Fyock to control clerk B in C&IS - Management Services.
Mary Jane Peters to clerk A in Commonwealth Educational System.
Terri M. Pletcher to clerk typist A in Office of Physical Plant.

Technical Service

Michael Blake to maintenance worker, utility at McKeesport Campus.
Antonio M. Camacho to maintenance worker, utility at Ogontz Campus.
Albert D. Lose to mechanic HVAC and plumbing in Applied Research Lab.
John A. McCaslin to senior shipping and receiving assistant in Applied Research Lab.

Staff Exempt

Lee E. Downing to assistant director of student programs and services at Ogontz.
Martha J. Hummel to graduate school editor in Research and Graduate School.
Patrick Mansell to producer-director instructional media designer in Commonwealth Educational System.
Margaret A. Mohl to producer-director instructional media designer in Commonwealth Educational System.

Janet R. Patterson to director of continuing education in Commonwealth Educational System at Behrend.
Bonnie L. Struble to personnel coordinator in C&IS - Computer Center.
Candace Wert to supervisor, labor and equipment in Office of Physical Plant.

Staff Non-Exempt

Rodney Swartz to customer service representative in Office of Physical Plant.

Clerical

Mary Jane Drake to secretary B in Office of Physical Plant.
Dorothy E. Greer to secretary C in Office of Budget and Resource Analysis.
Marjorie A. Light to clerk. Refund at Hershey.
Evelyn C. McCartney to senior postal clerk in Housing and Food Services.

Technical Service

Ronald Coble to maintenance worker in Office of Physical Plant.
Edward M. Shirk Jr. to senior patrol officer/Medical Center at Hershey.
Margery D. Worrick to photographic technician in Commonwealth Educational System.

Staff Exempt

Janet C. Engle to business manager in C&IS - Telecommunications.
Connie L. Fisher to administrative manager in C&IS - Telecommunications.
Carol M. Hanosek to planning coordinator at Hershey.
Mary E. Johnston to conference assistant in Agriculture.
Reginald Kuntz to supervisor, trades in Office of Physical Plant.
Glenn A. Pankuch to research support associate at Hershey.
Nancy F. Rossi to head college health-nurse, inpatient and emergency room.
William L. Sipple Jr. to manager, agricultural short courses, winter courses and conferences in Agriculture.

Staff Non-Exempt

Jenny E. King to administrative aide in Office of Physical Plant.

Clerical

Michele R. Brooks to clerk, medical records in Student Services.
Susan Conter to accounting clerk in Agriculture.
Donna I. Eckley to inventory clerk in Controller's Office.
Jamie Evans to clerk, typist A in Agriculture.
Linda D. Fisher to clerk, records A in Student Services.
Constance Gardner-Hornyak to secretary B at Hershey.
Kelly J. Irvin to secretary C in Academic Services.
Edward Mills to assistant director, Commonwealth Campuses in Academic Services.
Amy Morgan to clerk, typist A in Engineering.
Virginia Smith to secretary B in Engineering.

Technical Service

Lonnie Ebron to maintenance worker, utility at Ogontz.
Wayne M. Gearhart to environmental system technician in Office of Physical Plant.
David Liner to maintenance worker, utility in Office of Physical Plant.
Steve Odland to maintenance worker, utility in Office of Physical Plant.

Staff Exempt

Charles R. Garoian to assistant director and affiliate assistant professor, School of Visual Arts, in University Art Services.
E. Romayne Weight to administrative assistant at Hershey.

Staff Non-Exempt

Donald A. Ferrell to management assistant I in Office of Physical Plant.
Tracy White to vascular radiology technician at Hershey.

Clerical

Suzanne O. Hochberg to clerk A in Intercollegiate Athletics.
J. Mary Hoke to clerk, accounting A at York Campus.
Rebecca E. Maurer to senior clerk, patient inquiry at Hershey.
Carole Morey to clerk, records A at Behrend College.
Julie M. Riden to receptionist, typist in Health and Human Development.

Technical Service

Timothy Smetzer to barn worker-milker in Office of Physical Plant.

Staff Exempt

Judith Albin to assistant to the director, residence halls in Student Services.
Shirley C. Baney to merchandise specialist in Penn State Bookstore.
David L. Benson to manager, prosthetics, orthotics shop at Hershey.
Glenn L. Bobb III to customer services coordinator at Capital College.
Thomas R. Caldwell to senior systems analyst/technical support in Computer and Information Systems/Management Services.
William G. Culey to director of Continuing Education at Mont Alto Campus.
Karen L. Duncan to senior applications programmer/analyst in Office of Budget and Resource Analysis.
Lynn M. Eisenhauer to manager, business office operations at Hershey.
Donald W. Gilbert to merchandise specialist in Penn State Bookstore.
Chris Hampton to customer service representative in Office of Physical Plant.
John S. Hartman to assistant extension agent in College of Agriculture.
Stephanie S. Luther to merchandise assistant in Penn State Bookstore.
Betty A. Mark-Wilson to administrative assistant in Earth and Mineral Sciences.
Kathleen D. Matson to administrative assistant in Earth and Mineral Sciences.
Barbara A. McCarthy to grants and contracts officer at Hershey.
Ardene McKivier to merchandise assistant in Penn State Bookstore.

News in Brief

Engineering open house

The College of Engineering will hold its 1990 Open House from 10 a.m. to 3:30 p.m. Saturday, Feb. 17. The annual event offers an overview of the College to prospective students and their parents. Tours, demonstrations and information sessions will cover the 11 engineering majors and nine engineering technology majors offered at the Commonwealth Campus.

A flexible schedule allows for visiting all engineering departments throughout the day. Information booths in Kunkle Lounge and in Sackett Building will offer information on all aspects of the College and the University, including financial aid, admissions and special programs.

Lunchtime Roundtable Series

Dick Smyser, visiting professor of journalism in the School of Communications, will lead a lunchtime roundtable sponsored by the Penn State Chapter of the National Association of Science Writers at 11:45 a.m. Tuesday, Feb. 20, in Room 313 Kern Building at University Park.

Mr. Smyser, founding editor of *The Oak Ridge*, Oak Ridge, Tenn., and a member of the board of directors of the Council for the Advancement of Science Writing (CASW), will lead a discussion of an experimental CASW program designed to create science writing consciousness at smaller newspapers.

The Penn State Chapter of the National Association of Science Writers once meets for lunch and discussion once each month. The brown bag lunchtime roundtable series is open to anyone interested in science communication.

Lecture, poetry reading

Stanislaw Baranczak, Alfred J. Jurzykowski professor of Polish at

Harvard University, will discuss "Problems of Translation Between English and Polish" at 12:15 p.m. Monday, Feb. 19, in Room 101 Kern, during the Comparative Literature Luncheon.

He also will give a poetry reading at 8 p.m. that evening in Room 12 Sparks. His visit is hosted by the Department of Comparative Literature.

Dr. Baranczak received his Ph.D. in Polish philology from Poznan University in Poland. He has been in political exile since the early 1980s.

One of the most lauded of contemporary Polish poets, he also is a noted literary critic. He publishes regularly in the Polish emigrant press and in American publications. His most recent book of criticism *Unkowna: Utopia (E-sper from Utopia)*, which deals with the poetry of Zbigniew Herbert now is available in the U.S. in English translation. He also has published many verse translations of Russian and English poets in the Polish language.

Endowed chairs established

The Pennsylvania College of Technology Foundation has announced the establishment of \$100,000 endowed chairs, in honor of two members of the Board of Directors for their contributions and efforts in supporting the College.

The chairs have been established in honor of Rep. Alvin C. Bush, chairman of the Board, and Mrs. Kathryn (Kay) Lumley, longtime member of the board of trustee's of the predecessor institution, The Williamsport Area Community College, and a present board member.

The Penn College Foundation, formed in 1981, is an independent nonprofit organization that accepts gifts and

donations aimed at aiding and improving instruction for students at the College. The chairs will be funded through monies designated by the Foundation, plus additional funds to be solicited from supporters of the College.

Weight room orientation

The Recreational Sports Fitness Program is offering opportunities for faculty and staff to learn how to safely and effectively use the Weight Training Rooms at University Park Campus.

Individualized sessions will include information on the principles of weight training, how to use equipment properly and how to set up a personal weight training program. Nontime, afternoon, and evening appointments are available and will be scheduled in the facility of your choice: White Building, Intramural Building or Recreation Building.

Interested faculty and staff should call Patti Kenney at 865-5401.

Institute receives grant

The College of Education's Institute for the Study of Adult Literacy has received a \$124,998 contract from the United States Navy to develop instructional materials for a 15- to 25-day program to teach reading skills, which will be used in the Navy's Academic Remedial Training Program for new recruits.

The Institute will develop the basic skills instructional materials using existing Navy manuals, in consultation with Navy representatives. It is the Institute's latest project focusing on "workplace literacy," the idea of providing literacy education in the functional context of the workplace.

The project is under the direction of Eunice N. Askov, professor of education and director of the Institute.

Recycling

Feb. 20 kicks off the sixth group of University Park buildings to start the campuswide recycling program.

The buildings are Hammond, Waring (office and classroom), White and Willard. However, people are reminded that not all waste is acceptable for recycling. There are two separations: one for paper and one for containers. Other material is considered non-recyclable trash and should be discarded as usual.

Recyclable paper includes white ledger paper (writing, typing and copy), newspaper, computer printout and corrugated cardboard.

"We cannot accept paperboard boxes like cereal boxes, or other paper items such as envelopes, post-it notes or colored paper," Phil Melnick, manager of support operations and special programs for the Office of Physical Plant, said.

Containers include clear, green and amber food and beverage container glass, aluminum cans, plastic soda bottles without caps, plastic milk and water jugs (no caps), steel and tin metal cans. All containers should be rinsed.

"Some of the more common errors being made in the disposal of containers are unacceptable items, such as detergent and shampoo bottles, lab glass (tempered) and chemical containers, yogurt containers, drinking glasses and bottle caps," Mr. Melnick noted.

Paper must be dry and not contaminated by food. Pizza boxes are not to be recycled.

The janitorial employees and a network of select individuals in each building have a more detailed orientation, and they will be assisting with the program in their departments.

With 30 percent of the buildings on-line, about 45 tons of paper and five tons of containers have been collected.

Additional information on the University Park Campus program is available by calling the Recycling Hotline, (814) 865-8000.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling.

The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 865-0304 (NETWORK LINE 433-0304). Applications for these staff vacancies will be accepted until Feb. 22. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment practices (PS-11) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law) sex or status as a disabled or Vietnam era veteran.

* Assistant to the Dean for Communications, College of Science, Dean's Office, University

Park Campus - Responsible to the dean, College of Science, for planning and implementing publications and publicity programs for the college, develop strategies to meet needs, plan, carry out and evaluate publicity, campaigns, press conferences; cultivate press and public relations; act as press contact and spokesperson; write press releases and feature stories; organize and produce special projects. Requires bachelor's degree, or equivalent, in science, plus two to three years of effective experience in publications, public relations and/or science information. Master's degree preferred. STAFF GRADE 7.

* Admissions and Minority Recruitment Counselor, Division of Undergraduate Education, Undergraduate Admissions Office, Philadelphia Community Recruitment Center - Responsible to the center's director for all recruitment activities and admissions matters in an assigned geographic area. Duties include recruiting, counseling and administering admissions related activities. Requires bachelor's degree, or equivalent, plus one to two

years of effective experience in educational administration. Sensitivity to Latino/Hispanic students and related issues along with Spanish speaking and writing skills desired. Travel is involved and requires valid driver's license. STAFF GRADE 6.

* Athletic Operations Assistant, Intercollegiate Athletics, University Park Campus - Responsible for the prearrangement and coordination of facilities and supporting activities for home events held at the University. Assist in preparation of athletic team travel arrangements, housing requirements and other special needs; supervise greeting of visiting teams; obtain approved schedule and contact information regarding home events. Requires associate degree, or equivalent to two years of college-level training with emphasis on physical education and recreation, plus two to three years of effective experience. STAFF GRADE 5.

* Clinical Head Nurse-Emergency Services, College of Medicine/University Hospital.

Ambulatory Services/Emergency Services, The Milton S. Hensley Medical Center - Responsible to the manager, Ambulatory Services, for providing leadership to patient care personnel within a designated practice site, coordinating all the patient care activities within the practice site and performing a variety of nursing duties. Requires a registered nurse with a current license to practice professional nursing in Pennsylvania, plus one to two years of effective nursing experience. Bachelor of science degree preferred. STAFF GRADE 5.

* Medical Assistant, University Hospital, Department of Nursing/Outpatient Services, The Milton S. Hensley Medical Center - Responsible to the clinical head nurse or manager for providing assistance in health care services and for participation in administrative functions. Requires associate degree, or equivalent, in related field, BLS certification and up to 12 months of effective experience, outpatient and phlebotomy experience preferred. STAFF GRADE 2.

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7517.

William E. Campbell Jr., Editor
Deborah A. Benedetti,
Assistant Editor
Kathy Garman, Calendar

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STAFF AWARDS

Stories on staff award recipients appear on page 8.

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INTERCOM

February 22, 1990

Volume 19, Number 23

Information submitted for publication in *Intercom* is due by noon on the Thursday before publication.

\$7 million gift will benefit engineering education

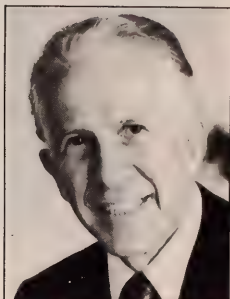
A California construction industry executive and his wife have made a \$7 million gift to Penn State to launch a program that will increase the nation's supply of engineering educators.

William E. Leonhard, chairman, president and chief executive officer of the Parsons Corp. of Pasadena, Calif., and his wife, Wyllis, have designated \$4 million of their gift for the establishment of the Leonhard Center for Engineering Education.

"As an engineer, I'm concerned about the declining interest in engineering among American students," Mr. Leonhard, a 1936 Penn State electrical engineering graduate, said. "America is in danger of losing its competitive edge, because our most gifted students are choosing other fields."

"We need to do better. This center, located in a first-rate engineering school, is designed to create excitement about engineering education and to attract talented students into faculty careers."

The Leonhard Center, the first of its kind in the nation, will concentrate resources on recruiting and training engineering



William E. Leonhard

educators through teaching internships and other educational programs. It also will promote new approaches to engineering curricula. The Leonhard Center will be

endowed with the proceeds of a \$4 million life insurance policy on the Leonhards. The policy is owned by Penn State, but funded by the Leonhards, and names Penn State as the beneficiary.

In addition, the Leonhards have established, as part of their estate plans, two charitable trusts. Upon their deaths, the trusts will provide approximately \$3 million in income to Penn State. The Leonhards will work with the University to determine the best use of trust income.

"This magnificent gesture by Bill and Wyllis Leonhard not only strengthens Penn State, but also will provide financial aid and other opportunities for generations of engineering students who will make profound contributions to the quality of engineering education in our nation," President Jordan said.

"The Leonhard gift is a perfect example of creative philanthropy," he added. "It addresses a critical national problem and will provide a model for similar programs at other colleges and universities." The Leonhard Center will support

undergraduate and graduate teaching interns annually.

Participating students will receive stipends to assist individual faculty members in all aspects of teaching a specific course, including giving feedback on teaching methods to the faculty mentor. Interns will be required to take a course on effective teaching methods and make presentations about engineering at the middle and high school levels.

The Leonhard Center also will sponsor an annual conference for students, faculty and engineering professionals to explore developments and new ideas in engineering education.

"Bill and Wyllis Leonhard's gift allows us to take the lead in shaping future directions for engineering education," John A. Brighton, dean of the College of Engineering, said.

The College stresses the importance of partnerships—partnerships with industry and with alumni. The Leonhard Center demonstrates how effective

(Continued on page 3)

University Park to establish 911 as emergency number

University Park is switching.

After Friday, March 2, at 5:30 p.m., 911 will be the number to call to reach emergency fire, police or ambulance services, and 8 will be the access number to reach all off-campus numbers.

"The Undergraduate Student Government, the Office of Telecommunications and the Office of University Safety are cooperating to make the University's emergency service consistent with the national 911 program," Bruce Kline, manager of support operations for University Safety, said. 911 is the emergency number in State College and the Centre Region as well.

Faculty, staff and students will no longer have to remember separate emergency

numbers for fire, police and ambulance service. However, requests for routine police services should still be made by calling 863-1111.

"Increasing campus safety has been a major goal for USG this year," Bill Novack, USG vice president, said. "Because 911 is so familiar, those in difficulty will be able to get assistance more quickly. A faster response from emergency personnel will also help reduce physical harm and bring us better crime control."

If a 911 call is made on a pay phone, says Tom Harmon, director of police services and manager of the dispatch center, the call will be quickly routed from the State College dispatch area to the University's for more immediate response.

Dialing Instructions

Emergency (Police-Fire-Ambulance)-911

Campus calling-2, 3 or 5 plus last four digits

Local calling-8 plus seven-digit number

Long Distance Calling:

(Within 814 area code)-8 plus 1 plus seven-digit number

(Other long distance calls)-8 plus 1 plus area code plus seven-digit number

"Those who forget and use the regular police number will still be routed to emergency services."

According to Susan Govedich, service adviser for the Office of Telecommunications, "to accomplish the switch to 911, we had to reserve 9 for emergencies. To make a local or long-

distance off-campus call after March 2, dial 8 as the access number and then continue the call just as you would at home."

Long distance callers should call 8 + 1 + area code + the seven-digit number. The system will automatically make the connection using the least expensive route.

(Continued on page 3)

Health promotion needs assessment will be conducted

Worksite health promotion and wellness programs recently have been spreading from their typical corporate settings to colleges and universities. These programs usually include a variety of health screenings, information sharing opportunities, and fitness and lifestyle improvement activities.

Although some of these kinds of services had been available at several Penn State locations, the idea of providing a coordinated program for all University employees was first proposed by a core group of faculty and staff in 1986. Their vision has been continuously evolving over the past few years.

Shortly after spring break, University faculty and staff will have the first of many opportunities to participate in Penn State's emerging, Faculty/Staff Health Promotion Program. A newly created division in the Office of Human Resources will begin the task of establishing a comprehensive health promotion program by conducting a university-wide needs assessment.

"The University made a strong commitment to faculty/staff wellness several years ago and has invested considerable time and resources in getting the plans to where they are today," James Wagner, vice president for business and operations, said. "We are very eager to see this program become a reality."

Plans for the health promotion needs assessment have developed swiftly over the past few months, thanks to the cooperation of the University Advisory Committee on Faculty/Staff Health Promotion, directors of student

programs and services, personnel representatives, and directors of business services.

"We are delighted to see such widespread support for this project and the program," Billie Willis, assistant vice president for human resources, said. "Health promotion and wellness are vital concerns of today's workforce, and consequently are an important aspect of the overall Human Resources mission."

The purposes of the needs assessment are to identify health promotion program interests and preferences, as well as various health risk factors among the faculty and staff of Penn State.

In early March, all full-time, regular faculty and staff will receive, via intercampus mail, a questionnaire including items about the types of programs they would attend, how they should be offered, individual health status, and personal characteristics.

"We realize that everyone's time is valuable, so the questionnaire was designed to be quick and easy to complete," Nancy Sassano, coordinator of faculty/staff health promotion programs for the Office of Human Resources, said. "A pilot test indicated that most people required only 10 to 15 minutes to complete it."

According to Ms. Sassano, the results of the needs assessment survey will help develop long-term plans for the University, as well as site-specific recommendations for each Penn State location.

"We are aware that fine health promotion services have been offered to faculty and staff at many campuses. Our

goal is to help strengthen existing programs and create new initiatives that can benefit faculty and staff throughout the Commonwealth."

Because there are differences in resources, faculties, and faculty/staff characteristics throughout the Penn State system, she added, it is not expected that programs will be identical at all locations. A voluntary Health Promotion Leadership Team is being established at each campus, to assist in planning and implementing programs locally.

The Health Promotion Division in the Office of Human Resources will work closely with the leadership teams as a central coordinating unit, and oversee university-wide aspects of the program. These may include major health awareness campaigns, health screening services, acquisition of resources, funding requests, and continuous assessment and evaluation. The University Advisory Committee on Faculty/Staff Health Promotion will continue to provide academic, administrative, and technical expertise and guidance to the program coordinator.

According to Ms. Sassano, the success of the health promotion program will depend on how well it meets the needs of those who will be using it.

"Conducting this survey is viewed as a critical step in program development," she said. "We hope that faculty and staff will view their individual participation in the survey as a valuable contribution to the strength and longevity of this program."

Focus on Diversity

Two more students appointed to diversity commission

Two new students have been appointed to the Commission on Racial and Ethnic Diversity to help further enhance the climate for diversity.

Susan Y.F. Chen and Susan Hertenberg will serve on the commission for three years or until graduation. They join **Odetta Pineiro-Colon, Stephen M. Mitchell** and **Brenda A. Peltier**, bringing the number of student members to five and total commission members to 22.

"We're happy to see the addition of these students to the commission," Ann Shields, chair said. "Their appointments will bring additional perspectives as we move towards understanding the issues and concerns."

Ms. Chen is a senior majoring in nutrition. Raised in Pittsburgh, her parents are natives of Taiwan and China. She is a member of the College of Health and Human Development Student Advisory Committee on Minority Affairs and the Department of Women's Concerns.

Ms. Hertenberg, a junior majoring in psychology, is a native of Wilmington, Del. She is a teaching assistant for counselor education 302, a member of student counselors and is a charter member of Project Growth, a student programming group formed to increase cultural awareness and sensitivity.

Ms. Pineiro-Colon, a health education doctoral candidate, is a native of Manantí Puerto Rico. She is an Office of Minority Programs project associate, a member of the Equal Opportunity Planning Committee and founding member, past president and current executive committee member of the Puerto Rican Student Association.

Ms. Peltier, a special education doctoral candidate, is a Native American Indian from the Chippewa Tribe located at the Turtle Mountain Reservation in Belcourt, North Dakota. Enrolled in the American Indian Leadership Program, she is a member of the Native American Indian Student Association and the Council on Exceptional Children.

Mr. Mitchell, a senior majoring in economics, was originally from Mount Vernon, N.Y. but now lives in the Bronx, New York City. He is a University Affirmative Action Office student intern, president and co-founder of the Student Minority Advisory Recruitment Team and a member of the Mayor's Student Leadership Task Force.

The commission is responsible for advising the Office of the President on University policies, programs, procedures and issues affecting the welfare of racial and ethnic minority members at Penn State and in surrounding communities. Membership consists of faculty, professional and support staff



Student members of the Commission on Racial and Ethnic Diversity are, standing, from left, Odetta Pineiro-Colon, Stephen M. Mitchell and Brenda A. Peltier; sitting, Susan Y.F. Chen (left) and Susan Hertenberg.

administrators and students from Hispanic, Asian/Pacific Islander, Black/African

American and Native American Indian groups, as well as non-minority members.

Aaron Singleton, Robert Loeb head Men of Color

Aaron Singleton, writer/editor in the Department of Public Information, has been elected coordinator of Central Pennsylvania Men of Color.

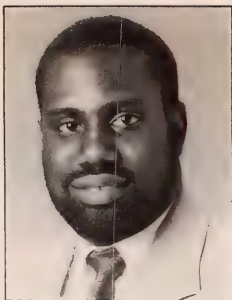
Robert Loeb, assistant director of academic affairs at Penn State Altoona Campus, has been appointed co-coordinator.

Mr. Singleton, a native of Philadelphia, is a 1981 graduate of Penn State with a B.A. degree in speech communications.

He is a member of the Forum On Black Affairs at Penn State, the NAACP at Penn State, the National Association of Black Journalists, State College Kwanza Club and alumni adviser of Alpha Phi Alpha Fraternity Inc.

Dr. Loeb, a native of the Bronx in New York City, is a 1977 graduate of Long Island University with a B.S. degree in environmental science. A Penn State Altoona Campus administrator and faculty member since 1985, he earned his Ph.D. in biology from New York University in 1986.

Before joining Penn State, Dr. Loeb served as education director at Inwood Heights Parks Alliance, New York City from 1983 to 1985, and teaching fellow in New York University's Biology Geology



Aaron Singleton

Department from 1979 to 1982. His research has been published in numerous publications.

Representative Council members include:

Victor Dupuis, Native American Indian; **Raja Ramani**, Asian/Pacific Islander; **Dr. Loeb**, Hispanic; and **William Love**, Black



Robert Loeb

African American.

A network created to advocate and enhance diversity and promote social, educational, political and economic equity in surrounding communities. Men of Color of Central Pennsylvania was founded in 1988.

Diversity Calendar

Friday, Feb. 23

Penn State Delaware County Campus, 11:30 a.m., Student Lounge, Main Building. Lecture: Odeyo Aiyaga, executive director, Africa American Heritage Inc., Philadelphia.

Sunday, Feb. 25

WPSX-TV, 1 p.m., Channel 3. Interview with poet Sonia Sanchez on the struggles of the oppressed and minorities.

Monday, March 5

University Scholars Program, 7 p.m., 117 Music Building. Jazz Night with the works of Dan Yoder.

Thursday, March 8

Center for Women Students, 4 to 6 p.m., 120 Boucke Building. Students, faculty, staff and interested persons are invited to celebrate women's achievements and accomplishments as part of Women's History Month.

Saturday, March 10

Office of Minority Faculty Development, 9 a.m. to noon, 114 Kern. "External Funding and Proposal Development," fourth in a series of faculty development workshops this semester. Baiba Briedis, College of the Liberal Arts coordinator of grants and contracts, will be speaker. For reservations, contact Leah Witzig at 863-1003 by Monday, March 5.

Civil rights leader to speak at luncheon

Nationally prominent civil rights leader Aileen Hernandez will be the keynote speaker for the third National Women of Color Day Luncheon at noon Wednesday March 14 at the Nittany Lion Inn.

In 1985, she was appointed by President Lyndon Johnson as the first woman commissioner on the U.S. Equal Employment Opportunity Commission; prior to that appointment, she was assistant chief of the California Division of Fair Employment Practices. She also worked for the International Ladies Garment Workers Union from 1950 to 1961.

Today, she is president of her own urban consulting firm, Aileen C. Hernandez Associates in San Francisco, which helps cities, companies, educational institutions and organizations deal with many issues including fair housing, education and employment-related programs.

Ms. Hernandez is co-chair of the

National Urban Coalition and coordinator of the Citizens' Commission on Civil Rights.

A recent recipient of the Earl Warren Civil Liberties Award, she is recognized by national directories such as *Who's Who in America* and *Who's Who Among Black Americans*.

The Women of Color Professional and Humanitarian/Personal Achievements Awards also will be given at the luncheon.

The Central Pennsylvania Women of Color is sponsoring the luncheon with support from University departments, area businesses, and individuals. Ms. Hernandez's visit is supported by the Equal Opportunity Planning Committee.

Tickets are \$10 each, and a vegetarian menu will be served for cross-cultural purposes. The ticket deadline is March 5. For information, contact Puring MacDonald at 865-2016.



Aileen Hernandez

Obituaries

Mary L. George, hostess, Dean of Women, from Jan. 1, 1946, until her retirement March 1, 1953, died Feb. 6 at the age of 97.

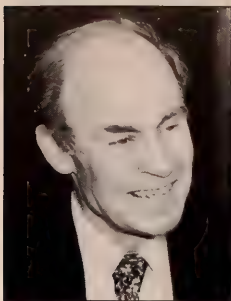
Mary L. Wilson, residence hall worker B, Nittany Lion Inn, from July 2, 1958, until her retirement July 1, 1972, died Feb. 9. She was 82.

Katherine M. Africa, superintendent of nurses at Ritenour Health Center, from Aug. 15, 1951, until her retirement Sept. 1, 1970, died Feb. 12 at the age of 84.

Verna M. Bennisson, residence hall worker, Housing and Food Services, from Oct. 9, 1961, until her retirement April 1, 1979, died Feb. 12 at the age of 73.

Nobel laureate to give 1990 Priestley lectures

Nobel laureate Dudley Herschbach, who is Frank B. Baird Jr. Professor of Science at



Dudley Herschbach

Harvard University, will give the 1990 Joseph Priestley Lectures in Chemistry March 6 through 9 at University Park.

The series of four lectures, titled "Dynamical Correlations in Molecular Collisions," is sponsored by the College of Science and is open to the public free of charge.

The lecture schedule is: "Directional Correlations in Chemical Reactions," 8 p.m., Tuesday, March 6, 117 Osmond Laboratory; "Alignment of Molecular Rotation in Supersonic Beams," 8 p.m., Wednesday, March 7, 117 Osmond Laboratory; "The Zeno Line for Liquids and Supercritical Fluids," 4 p.m., Thursday, March 8, 117 Osmond Laboratory; and "Dimensional Scaling of Viscosity Coefficients," 2:30 p.m., Friday, March 9, 55 Osmond Laboratory.

Dr. Herschbach and Yuan T. Lee and John C. Polanyi were honored with the 1986 Nobel Prize in chemistry for their work in the field of chemical reactions.

Dr. Herschbach also has been honored with the American Chemical Society's Pure Chemistry Prize, the Linus Pauling Medal, the Michael Polanyi Medal, and the American Physical Society's Irving Langmuir Prize.

A Fellow of the American Academy of Arts and Sciences and the American Philosophical Society, he also is a Fellow of the U.S. National Academy of Sciences and the Royal Chemical Society of Great Britain.

Dr. Herschbach, who was named Baird Professor of Science in 1976, joined the Harvard faculty as a professor of chemistry in 1963. He served as chairman of Harvard's Chemical Physics program from 1964-77 and of the Chemistry Department from 1977-80.

The Priestley Lectures are named in honor of Joseph Priestley, the 18th-century chemist who discovered oxygen, and were established by the late Professor Wheeler P. Davey in 1926.

911

(Continued from page 1)

Network (PANET) numbers are no longer necessary. Those making a local call should call 8 + the seven-digit number.

"Auto-dial modems, fax machines and any other piece of equipment that is currently preprogrammed with an off-campus telephone number will need to be reprogrammed using the new dial plan," Ms. Govechik said.

The Office of University Safety and the Office of Telecommunications have begun a public information campaign to remind the University community to use the new system. New phone users guides are now being delivered to offices and residence halls, and most faculty and staff will receive information in the mail.

For more information about the 911 emergency program, contact Tom Harmon at 865-5458. Contact Susan Govechik at 865-8661 for information about off-campus dialing.

Dr. Webster receives prestigious award

Peter J. Webster, professor of meteorology, has received the Jule G. Charney Award of the American Meteorological Society. The Charney Award, one of the most distinguished and prestigious awards in the field of atmospheric sciences, is given in recognition of significant achievement in research or development in the field.

It was awarded to Dr. Webster for his fundamental contributions toward the "understanding of low-frequency tropical circulations and tropical-midlatitude interactions."

Dr. Webster's research interests center around the large scale and low frequency

dynamics of oceans and atmospheres with particular emphasis on intra- and inter-seasonal variability. An emerging interest is the role of the hydrology cycle in the general circulation and, especially, its role in the interaction of the ocean and the atmosphere.

Dr. Webster, a member of the University faculty since 1983, has held research and teaching positions in Australia, California and Washington, D.C. He is a Fellow of the American Meteorological Society and a member of the American Geophysical Union.

Leonhards

(Continued from page 1)

these partnerships can be in creating an effective and innovative engineering curriculum."

Mr. Leonhard has long played an active role in Penn State's fund-raising efforts. He serves on the 32-member executive committee of the Campaign for Penn State, a six-year, \$300 million venture to raise private dollars for academic program support.

A major supporter of the College of Engineering, he previously gave the College \$1.25 million to endow the William Leonhard Chair in Acoustical Engineering and the Leonhard Professorship in Microelectronics.

A member of the National Academy of Engineering, Mr. Leonhard received a Penn State Distinguished Alumnus award in 1982 and was named an Alumni Fellow of the University in 1988. Other awards he has received include recognition five times as "Chief Executive Officer of the Year" by *Financial World* magazine, the latest in 1985.

He joined Parsons in 1960, was named president in 1974, chief executive officer in

1975 and chairman in 1978. With a permanent engineering staff of 9,000, the firm designs and builds oil refineries, gas and petrochemical plants, mining and metallurgical facilities, airports, shipyards, ground transportation systems, water and wastewater treatment plants, industrial facilities and defense installations.

Prior to joining Parsons, Mr. Leonhard spent 14 years in the Air Force, serving as chief engineer in postwar Germany, director of engineering and construction in Washington, D.C., and chief of staff of the Air Force Systems Command. Earlier, he served 14 years in the Army, including service in Panama and Alaska, and as chief of staff of an armored division in Europe during World War II.

He also holds a master's degree from MIT, earned in 1940, and was awarded a doctor of laws degree from Pepperdine University in 1987.

Two of the Leonhards' three children are Penn State graduates. Richard W. Leonhard, a 1966 aerospace graduate, owns a small firm in Los Angeles that makes precision equipment for the machine tools industry. Donna Jeanne Leonhard, a 1968 education graduate, teaches school in Arcadia, Calif.

Inaugural Schilling lecture scheduled

Stanley J. Jaki, Distinguished University Professor at Seton Hall University, will present the inaugural Harold K. Schilling Memorial Lecture at 7:30 p.m. Tuesday, March 6, in Room 112 Kern Graduate Building at University Park.

Dr. Jaki, who will discuss "The Existence of God and Modern Scientific Cosmology," has written scores of articles and more than 20 books. A primary focus of his internationally known work is the relationship of science and religion, reflecting his formal training both as a physicist and a theologian.

The lecture, co-sponsored by the Graduate School and Eisenhower Chapel, is supported by the Harold K. Schilling Memorial Lecture Fund, which was established to honor his life and work at Penn State by fostering contemporary discussions about the interaction of science and religion.

Dr. Schilling's Penn State career spanned from 1941 to 1965, culminating with a 14-year tenure as dean of the Graduate School.

As professor of physics (1947-64) and the first University Professor at Penn State, Dr.



Stanley J. Jaki

Schilling pioneered conversations between the religious and scientific communities. He continued to pursue this interest after his retirement by adding to his publications in the field and teaching in the Religious Studies Department.

Nobel prize winner scheduled to speak

Claude Simon, the 1985 Nobel Prize winner in literature, will deliver the keynote address at the 1990 meeting of the American Comparative Literature Association March 29-31 in the Keller Conference Center at University Park.

Theme of the conference is "Literature in Global Perspective: Interactions and Refractions."

According to Gerhard F. Strasser, associate professor of German and comparative literature and conference director, featured areas will be: exile and travel literature, women's voices,

marginality; translation, adaptation, imitation of texts; reception theory literature in the oral tradition; representations of the past and future, and general professional concerns.

The keynote address, scheduled for 4:15 p.m. Friday, March 30, is open to the public with no charge. Registration for the entire conference is \$10. Registrations are to be submitted no later than March 14.

For registration information, contact Barbara Impellitteri, 410 Keller Building, 865-4591; for general program information, contact Dr. Strasser, 863-0589.

Effects of 'living filter' system will be assessed

The University is reconvening a team of scientific, academic and operating personnel to assess the effects their "living filter," a model wastewater treatment system, is having on the groundwater.

For the past 20 years, researchers have been testing ways to return effluent in a usable state to the underground water supply by spraying treated wastewater onto agricultural fields and forest lands.

According to James M. Wagner, vice president for business and operations, "the living filter" was expanded in 1984 to a large-scale, practical, operating system of effluent disposal that has been emulated by systems across the country and around the world."

The system is recognized as a way to

remove effluent without polluting waterways. While recycling it to groundwater as a valuable natural resource, he adds.

Researchers have monitored surface conditions, agricultural operations, groundwater levels and quality on a regular basis. Ever since the system was established, data from on-site monitoring wells has been collected and reported to the Pennsylvania Department of Environmental Resources. This data recently revealed an increasing concentration of nitrates.

As a result, the University has established a Wastewater Distribution Committee to carefully analyze conditions and propose a course of action to stabilize or decrease nitrates in the groundwater. It will work in

cooperation with the Pennsylvania Department of Environmental Resources, which will review, approve, or modify the proposed course of action and carefully monitor data to insure that the nitrate levels continue to remain within approved standards.

The Penn State research team plans to expand the investigation of its system to areas beyond University property. The expanded monitoring will help them make ecologically sound operational alterations and adjustments to assure the safety of large-scale "living filter" systems.

The University will ask owners and residents of land surrounding the present system for permission to obtain water samples and to monitor water levels in

wells on their properties. The monitoring also may include properties quite some distance from the filtering system so that the monitoring is comprehensive.

The information will be shared with the Pennsylvania Department of Environmental Resources regularly and will be used to support a proposed wellhead protection program study that the University hopes will be funded by the Federal Environmental Protection Agency.

Researchers, in cooperation with Pennsylvania Department of Environmental Resources, plan to show how local data management can help municipalities implement wellhead protection measures.

Focus on the arts

TWENTY-FIFTH ANNIVERSARY

WPSX 3
SILVER
CELEBRATION

WPSX-TV, Channel 3, turns 25 in March, 1990, and in commemoration of a quarter century of quality television, WPSX will hold a year-long celebration featuring a 25th Anniversary Festival, a How-to Fair, and even its own flavor of ice cream.

The foundation of Channel 3 was laid in 1952, when Penn State hosted the first national conference on educational television. At this conference, it was announced that the Federal Communications Commission's freeze on television channels was being lifted, opening up 242 channels for educational television stations and making the idea of a national educational television system a real possibility.

When WPSX broadcast the first signals over Channel 3 on March 1, 1965, it marked the culmination of decades of communications research at Penn State and the beginning of a 25-year relationship between public television and the people of Central Pennsylvania.

This vital partnership will be celebrated during WPSX-TV's 25th Anniversary Festival. From Feb. 28 through March 18, Channel 3 will be airing a special schedule of programs and inviting members to take an active role in the support of public television, by becoming members of Channel 3.

Public television personalities Bob Thomson, Martin Yan, Georgia Bonesteel, and Norm Abram will be on hand Saturday, May 19, for the WPSX How-To Fair. The Fair, which will take place in the Greenberg Sport Complex at University Park, will feature presentations by Thomson, Yan, Bonesteel and Abram, as well as exhibits by area businesses.

And, in celebration of Channel 3's first 25 years, The University Park Creamery has concocted a delicious new flavor. Appropriately named "WPSX-TV Coffee Break," this new flavor combines rich coffee ice cream and chocolate chips in a tasty tribute to Channel 3.

Odyssey on WPSU

According to Russian folk belief, Satan, by tricking the Archangel Michael, played an important role in the creation of woman: Instead of the rib of Adam, Eve was made out of the tale of a goat.

This is only one of the supernatural folktales that Linda Ivanits, assistant professor of Russian, tells to host S. Leonard Rubinstein, professor emeritus of English, on this week's episode of "Odyssey Through Literature." "The Ritual Ploughing Around."

For the Russian peasant in the 19th century, "every minute of every day was accompanied by superstitions," Dr. Ivanits says, noting that many of these required rituals performed in great secrecy. Some of these rituals persisted into the 20th century; through them and through tales about them, scholars are reconstructing the mythology of pre-Christian Russia.

Bookshelf

Robert S. Corrington, assistant professor of philosophy is the author of *The Communion of Interpretations*, published by Mercer University Press.

The book, subtitled *On the Hermeneutics of Nature and Bible in the American Philosophical Tradition*, discusses American biblical interpretation from the philosophical perspectives of American philosophers Charles S. Peirce and Josiah Royce.

Shirley Marchalonis, associate professor of English at Penn State Berks Campus, is the author of *The World of Law Lanoue, 1824-1851*, published by the University of Georgia Press.

Drawing from such primary sources as unpublished letters, journals, and diaries, Dr. Marchalonis recounts Larcum's happy childhood, years in the Lowell mills, sojourn as teacher and student in the West, her years at Wheaton Seminary, her prominence as a magazine editor, and finally -- with her fame as a poet secured -- as a free-lance writer.

Dr. Marchalonis shows that Larcum's ambition to control her life enabled her to touch several worlds while searching for her own -- an experience foreign to most women of her time.

Still, in her writings, Larcum held up the 19th-century ideal of woman as keeper of

the home and family -- a convention she rejected in her own life. This inner struggle motivated much of Larcum's actions.

Dr. Marchalonis writes that while Larcum was not a literary genius of the caliber of Emily Dickinson or Margaret Fuller, she was a "talented and highly intelligent woman and writer" who simultaneously spoke for her time and followed her individuality.

E. Willard Miller, professor of geography, emeritus; **Richard R. Parizek**, professor of hydrogeology, and **S.K. Majumdar** of Lafayette College are co-editors of *Water Resources in Pennsylvania*, published by the Pennsylvania Academy of Science.

This book of 39 chapters, and 60 authors provides a comprehensive survey of water resources in the Commonwealth. The diversity of uses and water quality problems associated with their uses are discussed. Past and future climatic trends that serve as long-time driving forces for water renewal and change in quality are reviewed.

Water quality concerns include environmental considerations of such activities as agriculture, waste disposal, and surface coal mining. Water management considerations include such topics as non-point source area control of pollutants, regional planning, legal basis for management, and geographic information systems as an aid to data collection.

The arts on Channel 3

The legendary Bob Fosse, whose dazzling Broadway and Hollywood musicals transformed the face of American dance, is the subject of a one-hour "Dance in America" special at 9 p.m. Friday, Feb. 23, on *Great Performances*. Highlighting the talent is dancer Gwen Verdon. Fosse's partner in marriage and on stage, who speaks publicly about the choreographer-director-dancer for the first time since his death in 1987 at age 60.

Art Underfoot, airing at 2:30 p.m. Sunday, Feb. 25, travels to Los Angeles where rug collector and basketball legend Kareem Abdul-Jabbar offers a tour of his collection. The program also covers a "show and tell" session at the Textile Museum in Washington, D.C., where world-renowned collectors display their finest works.

In Pausanias Plus!, airing at 10 p.m. Wednesday, Feb. 28, Luciano Pavarotti hosts an evening of performances by some of the opera world's most exciting stars such as Leona Mitchell, Carol Vaness, Harolyn Blackwell and Leo Nucci.

Pattee exhibit

A sampling of the artwork of Jean Thomas Forsberg is on exhibit until March 9 in the East Corridor Gallery of Pattee Library at University Park.

These works, completed during 1989, are rendered in oil on canvas depicting mostly abstractions based on landscape. Ms. Forsberg's paintings are large, ranging in size up to 74" x 128".

Included in the show are two contemporary versions of the oriental floor screens. These are oil on canvas paintings that have been stretched over wooden bars. They function as a two panel (diptych) screen, joined in the middle and supported by small legs.

Ms. Forsberg received her master in fine arts degree from Penn State in 1987 and has participated in numerous single and group shows in the region.

Italian drawings

An exhibition of prize-winning Italian drawings from the 17th and 18th centuries opens Sunday, Feb. 25, at the Palmer Museum of Art at University Park.

"Figurative Drawings of the 17th and 18th Centuries from the Accademia Nazionale di

San Luca in Rome" will continue through May 20.

This is the first time these works have been shown outside of Rome.

The Accademia Nazionale di San Luca was founded in the late 16th century to instruct young artists in painting, sculpture and architecture. Periodically, the Accademia sponsored competitions for its students, who submitted entries according to themes such as religion, history or mythology.

The works in the current exhibition represent the prize-winning entries of the Accademia's painting and drawing students from 1673 through 1750.

Prior to the exhibition at the Museum, the works were on display at the Accademia di San Luca. The exhibition will travel to the National Academy of Design in New York City after its stay at Penn State.

Dr. Jeanne Chenault-Porter, associate professor of art history, will discuss the exhibition at 8 p.m. Wednesday, March 21, at the Museum.

The exhibition and lecture are free and open to the public.

Fiction reading

Short-story writer and novelist Richard Stern will give a reading of his fiction at 8 p.m. Thursday, March 8, in Room 112 Walker Building at University Park.

A professor of English and general studies in the humanities at the University of Chicago, Mr. Stern recently published his 15th book, *Noble Rot: Stories 1949-88*, which received the 1989 Chicago Sun-Times Book of the Year Award. He currently is working on his ninth novel.

He has taught at universities in France and Germany and has been visiting professor at the universities of Nice, Urbino, Venice, Harvard, California and Buffalo, and has spoken to audiences worldwide.

For his stories, he has received a Longwood Foundation Award and several from the Arts Council. He received the Merit of Medal Award for one of his novels from the American Academy and Institute of Arts and Letters, and for his criticism he has received a National Humanities Award.

sense of what is called "with-it-ness." It's really about creating an image; being perceived as knowing what is going on. You really do have to make your students think you have eyes in the back of your head."

He wrote *A to Z* in a purposely conversational and accessible manner. **Cathy Mester**, instructor of speech communication at Penn State-Berhdorf, contributed a section on nonverbal communication of authority.

Dr. Tauber consulted with Penn State and Northwestern Pennsylvania educators while working on the manuscript.

Daniel Walden, professor of American studies, English and comparative literature and editor of the series, *Studies in American Jewish Literature*, is editor of *The Odyssey of a Writer: Rethinking Philip Roth* published by Kent State University Press.

Carpoolers

Penny would like to carpool from Millroy to University Park. Work hours are 8 a.m. to 5 p.m. Call 865-6507 or 717-667-3048.

Cindy and Patty are looking for additional carpoolers from the Leobersburg/Madisonburg area to University Park. Work hours are 8 a.m. to 5 p.m. Call 865-7691 or 865-1434.

The chapters provide a broad insight into Pennsylvania's water resource opportunities, limitations, major problems and present and future challenges.

Besides the co-editors, other Penn State authors of chapters are: **Brent Yarnal**, geography; **Gregory S. Forbes**, meteorology; **Robert P. Brooks**, forest resources; **Peter Deines**, **Richard A. Weiss**, **Arthur W. Rose**, and **P. Evan Dresel**, geosciences; **Dale E. Baker**, agronomy; **Alan R. Graefe**, recreation and parks; **Donald M. Cridder**, rural geography; **Harold L. Lovell**, mineral processing; **William E. Sharpe**, **David R. DeWalle**, and **James A. Lynch**, forest hydrology; **A. Mark Battaglia** and **Daniel R. Jones**, landscape architecture; **D.A. Miller**, **B.M. Evans**, **G.W. Petersen** and **R.L. Day**, remote sensing.

Robert Tauber, associate professor of education at Penn State Erie, The Behrend College, is the author of *Classroom Management From A to Z*, published by Holt, Rinehart and Winston Inc.

Most teachers in Pennsylvania have never had a course in classroom management," Dr. Tauber said, adding that after year one, one of the top problems facing schools -- according to the Gallup Poll -- is lack of discipline.

"In order to survive in the classroom, you need to be able to handle overlapping events and must be able to demonstrate a

University Park Calendar

February 22— March 11 Special Events

Thursday, February 22

Bach's Lunch, 12:10 p.m., Eisenhower Chapel. Hilo's of Penn State Glee Club.
College of Bus. Admin., teleconference, 2 p.m.
Kern Aud. "Europe '92: Producing in the European Community. A View from Outside."
Office of Religious Affairs, Ethics in America, videotape program with discussion, 3 p.m.
Eisenhower Chapel, "Confidentiality Under Orders: Under Fire, Ethics in the Military Part 2."

School of Music, 8 p.m., Recital Hall, Richard Davis, baritone.

Friday, February 23

Geog. Coffee Hour, 4 p.m., 319 Walker. Saul Cohen, Hunter College, CUNY, on "Division, Conflict and Geopolitical Restructuring in New York City."

Saturday, February 24
Shaver's Creek, 8:30-10:30 a.m., Bird Breakfast. Call 863-3000.

Monday, February 26
Spring Break, no classes through March 2.

Sunday, March 4
Shaver's Creek, the Winged Hunters, 2-4 p.m. Call 863-3000.

Monday, March 5

Comp. Lit. Luncheon, 12:15 p.m., 101 Kern. Lawrence Prescott, Univ. of Kentucky, on "Langston Hughes in Columbia."

Women's Studies Faculty/Advisory Committee meeting, 3:30-5 p.m., 12 Sparks. Faculty/students welcome.

Tuesday, March 6

Women's History Month Film Series, 7 p.m., 12 Sparks.

Harold K. Schilling Memorial Lecture, 7:30 p.m., 112 Kern. Stanley L. Jaki, Seton Hall Univ., on "The Existence of God and Modern Scientific Cosmology."

Thursday, March 8

National Women of Color Day. Nittany Lion Inn.

Center for Women Students, open house, 4-6 p.m., 102D/120 Boucke.

Lesbian and Gay Film Festival, 7 p.m., HUB Assembly Room. *Quinnell II You Don't*

Friday, March 9

Geog. Coffee Hour, 4 p.m., 319 Walker. Dale White, U.S. Geological Survey, on "Spatial Analysis of Statewide Water Quality."

Center for the Performing Arts, 8 p.m., Schwab Aud. Christopher Parkening, classical guitarist.

Saturday, March 10

Shaver's Creek, Dried Flower Arranging, 1-3:30



"The Suicide of Lucretia" by Claudio Jacquad is included in the Palmer Museum of Art exhibition "Figurative Drawings of the 17th and 18th Centuries from the Accademia Nazionale di San Luca in Rome" opening Feb. 25.

p.m. Call 863-2000.
Center for the Performing Arts, 8 p.m., Eisenhower Aud. Squal Theatre.

Sunday, March 11

Shaver's Creek, Kitchen Cabinet Herbolary, 1-5 p.m. Call 863-2000.

Carnegie Hall Film Series, 7 p.m., Superfly (1972); 8-45 p.m., *Surname Vit Given Name Name* (1988); 4 Carnegie. Free.

International Events

Thursday, February 22

Fulbright Lecture, 4-5 p.m., Frizzell Room. Eisenhower Chapel. Robert Brown, Penn State Harrisburg, on "Peru: A Multidisciplinary Challenge for Researchers."

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m. "Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubinstein. "Perspectives," 6:30 p.m. Wednesdays, with Jeff Ballou. "Creative License," 12:30 p.m. Thursdays, with Asa Berlin and Pam Saulnier.

Conferences

Continuing Education

Keller Building

Feb. 27, Pennsylvania Bar Institute: Using Exhibits at Trials. Jerri Milson, coordinator.

Feb. 27-March 2, Biosperation: Scale Up and Design. James Shillens, coordinator, energy technology project, chair. Eric Loop, coordinator.

Seminars

Thursday, February 22

Polymer Science, 9 a.m., 301 Steidle. J.S. Ruffe, Virginia Polytech.

Physics Colloquium, 3:30 p.m., SS Osmond Lab. Paul Julienne, National Institute of Standards and Technology, on "The Strange World of Ultracold Collisions."

Ecology, 3:45 p.m., 111 Warkik. Benjamin Jayne on "Public Policy Aspects of World Deforestation."

Monday, March 5

Entomology, 3:45 p.m., 204 Patterson. Heidi Appel.

Tuesday, March 6

Chemistry Colloquium, 3:30 p.m., SS Osmond Lab. Ralph N. Adams, Univ. of Kansas, on "Recent Studies of the Chemistry of Schizophrenia."

Thursday, March 8

Polymer Science, 9 a.m., 301 Steidle. S.J. Kurtz

Uncon Carbide on "State-of-the-art in Polymer Processing."

Ecology, 3:45 p.m., 111 Warkik. Robert Loeb, Altoona Campus, on "Pre-European Settlement of Forest Composition and Structure in Eastern New Jersey and Southwestern New York." EW. Mueller Memorial Lecture, 8 p.m., 119 Osmond Lab. Klaus V. Klitzing, Max-Planck Institute, on "Physics and Application of the Quantum Hall Effect." Also March 9, 11 a.m., SS Osmond Lab. on "Basic Research on Microelectronic Devices."

Exhibits

HUB Galleries

Browsing Gallery:

Interiors by Linda Smith-Webster, through March 4.

Art Panel Paints:

Art Student League Spring Exhibition, through March 4.

Art Alley Cases:

International Festival Show, through March 4.

Kern Galleries

The French Revolving Machine, through Feb. 28.

Pittsburgh Filmmakers, photographs, through Feb. 28.

Tom Buggery, relief woodcarvings, through Feb. 28.

College Research Exhibitions, Intercollegiate Research Program, through Feb. 23.

College Science Research Exhibitions, Feb. 26-March 20.

Palmer Museum of Art

The Avant-Garde and the Text, through March 11.

Roman Portraits, through April 22.

Figurative Drawings of the 17th and 18th Centuries from the Accademia Nazionale di San Luca in Rome, Feb. 25-March 20.

Pattee Library

East Corridor Gallery:

Jean Thomas Forsberg, landscape paintings, through March 9.

Lending Services Gallery:

Margaret B. Dada, "The Many Faces of Urumul," through March 5.

Zoller Gallery

Visiting Arts Exhibition/Five in One, through March 4.

TIPS

Information Penn State

Call 863-1234, press 1, and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather-234; Arts Line-345; University Calendar-450.

Penn Staters

Adam J. Sorkin, associate professor of English at the Delaware County Campus, has been elected a member of the Governing Board of the American Culture Association.

Howard G. Knuttgen, director of the Center for Sports Medicine, presented a lecture on "Physiological Adaptations of Skeletal Muscle to Physical Exercise" for the faculty of medicine at the University of Amsterdam, Netherlands.

J. Randall Woolridge, associate professor of finance, presented an invited paper on "Valuation Effects of Exchangeable Offers" at the National University of Singapore.

Amar Bhatta, senior scientist and professor of solid state science at the Materials Research Laboratory, spent 10 days as a consultant to the United Nations on its development program in India.

Howard B. Palmec, professor of energy science and senior associate dean of the Graduate School, has been appointed for a three-year term to the Panel for Fire Research of the National Research

Council. The panel is part of the Board on Assessment of NIST Programs, which provides annual reviews of the performance in 17 areas of the National Institute of Standards and Technology.

G.P. Patil, professor of mathematical statistics and director of the Center for Statistical Ecology and Environmental Statistics, has received an honorary Doctor of Letters degree from the University of Poona in Pune, India.

Allen Phillips, professor of biochemistry, has been named president-elect of the Allegheny branch of the American Society for Microbiology (ASM). The branch includes microbiologists from western Pennsylvania and all of West Virginia.

Rustum Roy, Evan Pugh professor of the solid state and chairman of the Science Technology and Society Program, gave an invited lecture on the synthesis of new materials at the research laboratory of the Asahi Glass Co. in Tokyo, Japan.

M. Lee Ucraft, assistant vice president for development and program assessment, and affiliate associate

professor of education, received the Outstanding Service to Higher Education Award from the New York State College Student Personnel Association for his scholarly contributions and service to the student affairs profession.

George Vahovik, instructor in agricultural and extension education, has won second place in the "Take Pride in Pennsylvania" program, a statewide competition that recognizes individuals and groups involved with land and resource stewardship activities.

Robert Schlegel, professor of molecular and cell biology, gave an invited lecture at the Third International Meeting for the Use of Rescaled Erythrocytes as Carriers and Bioreactors at Gwin Estate, Cleveland, Ohio. He also gave an invited lecture at the International Conference on Structure and Functions of Biomembranes in Calcutta, India.

Chester Wolford, associate professor of English and business at Penn State Erie, The Behrend College, presented "Fools Rush In: Teaching Literature to Business Majors" in Vancouver at the CORS

ORSA TMS international meeting. Dr. Wolford also gave papers at an international conference in Lisbon, Portugal on "A Glance at Cultural and Linguistic Ignorance in American Schools of Business" and "Tragedy in Washington Irving's *The Compact of Granada*."

Ronald Bettig, instructor in mass communications, presented a paper titled "Freedom of the Press and Revolution. Contemporary Socialist Thought and Praxis" at a meeting of the American Studies Association in Toronto, Canada.

Kenneth C. Blythe, director of management services, has been elected to a three-year term on the board of directors of CAUSE, the association for the management of information technology in higher education.

Leola Johnson, assistant professor of journalism, presented a paper titled "Black Stereotypes as a Political Issue: Cuba and the United States, 1929-1931" at a meeting of the American Studies Association in Toronto, Canada.

Appointments

Robert I. Booz, former project director at HRB-Systems Inc., has been appointed project director for research and development with the Ben Franklin Technology Center of Central and Northern Pennsylvania Inc.

Mr. Booz is a 1968 Penn State graduate with a B.S. in accounting. He received his MBA in 1976 from Sul Ross State University in Texas.

His career has spanned a wide range of technology. At HRB-Systems he began work in 1979 as a senior project business manager. He became a project director in 1982 and has managed technology projects in communication and flight simulator development.

Prior to joining HRB-Systems, Mr. Booz was a senior management consultant with Peat, Marwick, Mitchell and Co.

Bruce Dunn has been named head of program production for public television station WPSX-TV.

A 1982 graduate of Ohio University, Mr. Dunn most recently has been a freelance director, graphic coordinator, and camera operator for Black Entertainment Television (BET), the SportsChannel, ESPN, and the major broadcast networks.

He also has served as director, technical director, production manager, and producer for Telemundo Network, and WSCV-TV, Channel 31, in Fort Lauderdale, Fla.

professor of secondary education from Spring, 1990 through Summer 1991.

The Waterbury Professorship was established in December, 1988 by Kenneth B. Waterbury, alumnus of the College of Education. At the same time, he also established, with a million-dollar bequest to the College, the Waterbury Chair in Secondary Education.

Upon settlement of Dr. Waterbury's estate, the Waterbury Professorship will be merged with and superseded by the Waterbury Chair. A national search will be conducted to select the holder of the Chair, which is expected to be in effect Fall Semester 1991.

Dr. Dupuis' appointment to this interim faculty position comes in response to a proposal outlining a project which will allow the College of Education program in secondary education to develop a unique partnership with an American Indian Junior College for the purpose of improving the preparation of American Indian teachers in secondary education. The outcome of the project will be a prototype that can be emulated by other institutions with the potential of improving the overall quality of Indian education.

"This appointment holds great promise for the improvement of American Indian education and is consistent the spirit and intent of Dr. Waterbury's gift," Rodney J. Reed, dean of the College of Education, said. "Dr. Dupuis' research in this area is unique, and we are proud to be able to provide him the opportunity to expand it. Further, this project will contribute to Penn

State's goals toward cultural diversity."

Dr. Dupuis began his career at Penn State in 1967 as an assistant professor in the College of Education's Division of Curriculum and Instruction. In addition to service as a University faculty senator and chair of several Faculty Senate committees, he has served on many College committees, including the Diversity Award Committee, Economic Initiative Program Committee, Faculty Council, Native American Leadership Program, Promotion and Tenure Committee, Faculty Rights and Responsibilities Committee, among others. In 1986, he received the Barash Award for Human Service.

Prior to joining the University faculty, Dr. Dupuis taught in high schools in Arlington, Va., and West Lafayette, Ind., and at Purdue University and Northern Illinois University. Among his professional affiliations are the American Educational Research Association, the Association for Supervision and Curriculum Development, the National Congress of Parents and Teachers, the National Staff Development Council, and Phi Delta Kappa.

Dr. Dupuis holds a Ph.D. in curriculum and supervision from Purdue University, an M.A. in educational administration from The American University, and a B.S. in American history from Northwestern University.

Matthew Rosenshine, professor of industrial engineering, has been named acting director of academic affairs at Penn State Great Valley, effective April 1.

In his new position, Dr. Rosenshine will be responsible for academic leadership, faculty development and academic program evolution at the center.

"We are looking forward to having an academic leader of Dr. Rosenshine's caliber on campus," Lawrence S. Cote, center executive officer, said. "His appointment signals a new level of maturity for Penn State Great Valley. As a respected scholar and consultant to industry, he will bring many strengths to our academic development."

Dr. Rosenshine has a 21-year career at Penn State, as a teacher and researcher. Prior to joining the University, he spent 10 years as principal mathematician at the Cornell Aeronautical Laboratory Inc. in suburban Buffalo, N.Y.

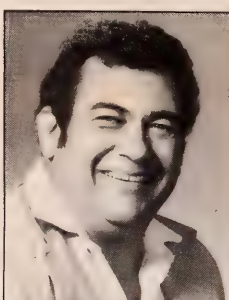
His research interests include air traffic control systems modeling, scheduling of arrivals in production and service systems, queue control and application of stochastic processes to robotics. He has served as a consultant to many corporations and the agencies including Xerox, Calspan and the federal energy and railroad administrations. After earning a bachelor's degree in liberal arts at Columbia University, Dr. Rosenshine completed two master's degrees: one in mathematics education at Columbia University and one in mathematics at the University of Illinois. He holds a doctorate in operations research engineering from the State University of New York at Buffalo.



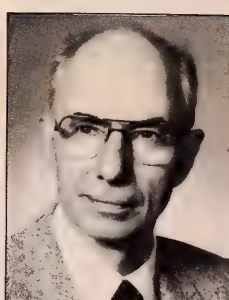
Robert J. Booz



Bruce Dunn



Victor L. Dupuis



Matthew Rosenshine

Promotions

Staff Exempt

Deborah A. Bruggeman to quality assurance analyst at Hershey.
Jerome C. Fulare to mechanical/electrical engineer in Office of Physical Plant.
Donald Gensimore to programmer analyst in C&IS-Computation Center.
Bonita A. Housel to assistant manager, Business Office at Hershey.
Urszula W. Kilakowski to graphic design supervisor in University Art Services.
David A. Kolasa to office information specialist in C&IS-Management Services.
Jean Anne McGrath to program assistant in Commonwealth Educational System.
Angela A. McNaughton to quality assurance analyst at Hershey.
Barbara A. Noerr to clinical nurse specialist at Hershey.
Curtis Parker to cinematographer/videographer in Commonwealth Educational System.
Jeffrey E. Rich to senior microcomputer system consultant in C&IS-Computation Center.
Daniel G. Rockwell to systems analyst at Hershey.
Viola W. Stiffler to quality assurance analyst at Hershey.

Randall Persing to supervisor, slide copy laboratories in Commonwealth Educational System.
Chester M. Poorman to assistant manager printing services in Office of Business Services.
Pauline E. Rusnic to utilization review specialist at Hershey.
David G. Shelly to supervisor, photographers in Commonwealth Educational System.
Esther E. Smith to personnel specialist in Applied Research Laboratory.
Carol M. Vonada to administrative assistant in Earth and Mineral Sciences.
Jonathan F. Warner to senior construction quality representative (mechanical/electrical) in Office of Physical Plant.
Frederic L. Weber to supervisor, print laboratories in Commonwealth Educational System.
Emma B. Westfall to administrative assistant in Earth and Mineral Sciences.
Berwood A. Yost to survey research coordinator at Capital College.
Gale L. Zearfoss to accountant at Hershey.

Staff Non-Exempt

Kathryn E. Chambers to licensed practical

nurse medicines at Hershey.
Frances V. Freed to library assistant at Shenango Valley Campus.
Jane L. Hower to licensed practical nurse medicines at Hershey.
Debra L. Mills to computer tomography radiology technologist at Hershey.
M. Krista Olson to MRI technologist at Hershey.
Mark Schwartz to research technician at Hershey.
Lisa C. Solomon to licensed practical nurse medicines at Hershey.
Sherry L. Troian to licensed practical nurse (MEDS) at Hershey.
Glenna R. Young to business coordinator in Science.

Clerical

Andra A. Basalla to senior postal clerk in Housing and Food Services.
Robert M. Dattis to clerk, Bookstore A at Altoona Campus.
Judy Fitzgerald to clerk, typist A in College of Agriculture.
Lizette M. Gibson to senior production clerk in Office of Business Services.
Delores Golembiewski to secretary B in University Arts Services.

Rebecca M. Hooven to secretary B at Capital College.
Christina L. Johnson to clerk, typist A in College of Agriculture.
Dorothy J. Salopek to clerk, typist A at McKeesport Campus.
Margaret M. Stodart to senior postal clerk in Housing and Food Services.
Gretchen L. Wallander to secretary B in College of Agriculture.

Technical Service

James L. Ayers to platemaker in Office of Business Services.
Anthony Bertoni to maintenance mechanic at Hershey.
Pamela M. Betz to environmental health worker-group leader at Hershey.
Gary Culver to maintenance worker utility, meter in Office of Physical Plant.
Dean Edward Dasher to maintenance worker utility, meter in Office of Physical Plant.
Thomas B. Leyde to food preparer A in Housing and Food Services.
Jay E. O'Neal to experimental mechanic at Hershey.
Brenda Smith to group leader, snack bar worker in Housing and Food Services.

Dr. Clawson to present annual Oswald lecture

D. Kay Clawson, executive vice chancellor of the University of Kansas Medical Center, will present the sixth John W. Oswald Lecture in Higher Education at 4 p.m. Friday, March 16, in the auditorium of the Hershey Medical Center. The title of his lecture will be "Embracing Change -- Creating a New Tomorrow."

"Dr. Clawson is experienced in the clinical, teaching, research, and management aspects of the practice and teaching of medicine," C. McCollister Everts, senior vice president for health affairs at the Hershey Medical Center, said. "We are pleased to have him present this distinguished lecture to our medical center family and guests."

The Board of Trustees created the Oswald Lecture, which is devoted to issues that concerned the 13th president of Penn State, John W. Oswald who served from 1970-83.

Dr. Clawson has a distinguished

reputation in medicine and medical education. He graduated from Harvard Medical School, completed residencies at Stanford and studied with orthopaedic specialists here in England and Europe. Dr. Clawson has been named an honorary member of the prestigious Royal Academy of Medicine in Valencia and Barcelona.

In 1965, he was named chairman of the Department of Orthopaedics at the University of Washington, later became dean of the College of Medicine at the University of Kentucky, and was named vice chancellor of the University of Kansas Medical Center in 1983.

Dr. Clawson has held key positions in national organizations in his specialty of orthopaedics, as well as in those critical-to medical education. Last year, he was chairman of the Association of American Medical Colleges, the group which shares responsibility with the American Medical Association for accrediting medical schools.



D. Kay Clawson

Nutritionist will give Pike lecture

Connie Weaver, professor of food and nutrition at Purdue University, will deliver the third annual Ruth L. Pike Lecture titled "Calcium: Factors Affecting Absorption and its Relationship to Disease" at 4 p.m. Tuesday, March 6, in 501 Keller Conference Center. The public is welcome.

The lecture series, which honors outstanding young researchers and scholars in nutrition, is named for Ruth Pike, professor emerita of nutrition science at the University.

Dr. Weaver is an international expert on the uses of stable isotopes in food and nutrition research questions. She has been a member of the faculty at Purdue since 1978. The author of nearly 50 articles in peer-reviewed journals read by nutritionists, food scientists and food technologists, she also has contributed numerous chapters in books. Recently, she was appointed to the Research Advisory Committee for the National Livestock and Meat Board. She also has been recognized by her students on two separate occasions as an outstanding lecturer at Purdue.

She currently is studying calcium absorption from dietary products and plant sources, effects of soybean products on mineral availability, as well as changes in iron status as a function of aerobic exercise.

Dr. Weaver has developed the use of nonradioactive isotopes of calcium as a method to study in detail how various food items alter calcium absorption and bioavailability. Her subjects have ranged from human infants and adults to newborn rats. The milk donors also have varied from full-grown dairy cows to lactating human mothers.

Her research activities have been supported by the National Institutes of Health, the U.S. Department of Agriculture, the Wisconsin Milk Board and various other corporate sponsors.



Connie Weaver

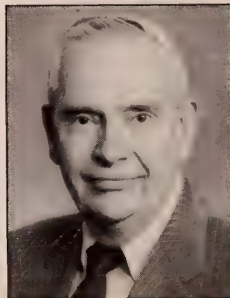
National award is named for Dr. Aplan

Frank F. Aplan, professor of metallurgy and mineral processing, has been honored with the establishment of a national award in his name by the Engineering Foundation, an agency formed in 1914 by the five principal professional engineering societies in the United States to promote interdisciplinary research and education.

The Frank F. Aplan Award will be presented annually to a scientist or engineer who has exhibited the highest professional standards and made significant contributions to the understanding of coal technology or mineral processing.

At the Engineering Foundation Conference on "Advances in Coal and Mineral Processing Using Flotation" in Palm Coast, Fla., Dr. Aplan was presented with the Engineering Foundation Award which will bear his name. He was cited for his illustrious career in coal and mineral processing research and education and his outstanding service to the Foundation.

Dr. Aplan, who is widely known as an authority on coal flotation and gravity concentration problems in the processing of minerals, has been a member of the University faculty since 1968. He served as head of the mineral processing program for about 10 years and for two years as head



Frank F. Aplan

of metallurgy. In 1977, he received the College of Earth and Mineral Sciences Wilson Award for outstanding teaching.

Dr. Aplan holds a number of distinguished honors in his field. A Distinguished Member of the Society of Mining Engineers, he was elected to the National Academy of Engineering in 1989.

Penn State Erie to present film series

Penn State Erie, The Behrend College is celebrating Women's History Month with a film series titled "Women Today: Worlds Apart."

The series covers the issues of racism, sexism and poverty, and how these issues uniquely affect women everywhere. Discussion, led by faculty and students, will follow each film.

The series begins at 8 p.m. Tuesday, March 6, with director Spike Lee's controversial film "Do the Right Thing," in Reed Lecture Hall.

On Tuesday, March 13, "The Global Assembly Line" will be shown at 8 p.m. in Reed Lecture Hall. This ground-breaking documentary, directed by Lorraine Gray, follows electronics and garment factory workers in the United States, Mexico's northern border and the Philippines.

Two shorter films will be featured Tuesday, March 20: "Women of El Planeta," at 8 p.m. in 101 Behrend Building, directed by Maria Barea, focuses on women in Latin America; "And What Does Your Mother Do?," directed by Eulalia Carrizosa, at 9 p.m.

The Campaign for Penn State

New endowment will establish professorship

A new endowment created by an alumnus will help scholars and students in the College of Business Administration expand their knowledge of the building of new business ventures.

The Alvin H. Clemens Professorship in Entrepreneurial Studies will support an outstanding faculty member in teaching, research and service in the field of entrepreneurship. The professorship, the first of its kind at the University, was made possible through a \$250,000 commitment from Mr. Clemens, an insurance executive and 1959 graduate of the college.

"Al Clemens has supplied us the resources to build faculty strength in an important area," J.D. Hammond, dean of the College of Business Administration, said.

According to Mr. Clemens, chairman and chief executive officer of Provident America Corp., Norristown, there is much in the entrepreneurial area that business schools can provide students.

"There should be accredited courses developed to help students who are risk takers and creative thinkers to learn how to start and build a new business venture," he said. "That is one of the primary reasons I made this gift to Penn State."

Mr. Clemens majored in insurance at Penn State, was hired on graduation by the

Insurance Co. of North America, went through INA's training program and in 1962 became supervisor of sales in the Group Department. In 1963 he founded and became a partner in the firm Butera and Clemens Insurance Consultants. Two years later, he founded Clemens and Clemens, a land development company. In 1967 he founded the Academy Insurance Group with a \$50,000 investment. By 1984, Academy's assets exceeded \$400 million, with a net worth of \$100 million and a market value of \$350 million.

WNEP-TV donation

Thanks to WNEP-TV of Wilkes-Barre/Scranton, students in the School of Communications will be using professional-quality equipment in classrooms and laboratories.

The station donated 29 items, including television cameras, on-screen character generators, video monitors and various control boards, according to Elden A. Hale Jr., WNEP's president and general manager.

"It's gifts like these that allow us to get in front of our equipment needs," Dean Brian Winston said.

"The University, especially in times of

In 1985 he sold his interest in Academy, founded Executive International Life Insurance Co. Ltd. and purchased Maine National Life. In 1989 Mr. Clemens merged Main National into the Provident America Corp., which is the 100-percent owner of the Provident Indemnity Life Insurance Co. He is a former member of the College of Business Administration Alumni Society Board of Directors. He has served as chairman of The Campaign for Penn State's annual giving effort in the Philadelphia area.

budget constraints, can't supply us with everything we need. The thoughtfulness of WNEP's management and the support of other members of the Pennsylvania Association of Broadcasters is much appreciated by the School and its students."

Leave of absence

H. Lee Fairbanks, associate professor of zoology (Beaver Campus), to conduct research on morphological and histochemical differences in the reproductive systems of snails, at the University of Tulsa.

Partings

Constance Dixon, assistant to the director, off campus programs, Student Services, from Jan. 15, 1988, until Sept. 19.

Virginia M. Jones, clerk accounting A, Science, from Sept. 18, 1978, until Dec. 8.

Russell A. Reed, assistant professor of chemistry at Berks Campus, from Sept. 1, 1953, until Jan. 1.

Eugene B. Tyson, preventive maintenance worker, Office of the Physical Plant, from Feb. 24, 1960, until Jan. 10.

Richard J. Yahner, athletic equipment facility worker at Altoona Campus, from Sept. 27, 1970, until Jan. 16.

Jack M. Irvine, maintenance mechanic, utilities office, Office of Physical Plant, from March 12, 1979, until Feb. 24.

Virginia A. McCulley, residence hall worker, Housing and Food Services, from Jan. 10, 1970, until Jan. 20.

C. Louise Trego, administrative assistant, C&S-Management Services, from Dec. 1, 1968, until Jan. 31.

News in Brief

Office personnel award

The Penn State Chapter of Educational Office Personnel (PEOP) is accepting nominations for the fifth annual Outstanding Office Personnel Awards.

PEOP, now in its sixth year, established the award to give recognition to University staff who have provided exceptional meritorious service on behalf of Penn State.

For a nomination form, contact your Personnel Representative or either Virginia Struble, 865-7515, or Kathy Houser, 863-3608, co-chairs.

Financial planning workshop

The Women's Alliance is sponsoring a workshop, "Getting It Together: Women and Money," on Saturday, March 10, in the conference room at Elby's State College Inn.

Professionals in the financial management field will provide instruction in four areas of financial planning: savings, credits and budgets; basic investment strategies; wills and insurance; retirement and estate planning.

Registration fee is \$10 for students, \$15 for members of the Women's Alliance, and \$18 for non-members. To register, send a check payable to Women's Alliance to "Women's Alliance Workshop," c/o Gail Kamon, 243K Hammond Building, University Park.

Seminar scheduled

"Rivals or Partners? Challenges and Opportunities for U.S. - Japan Economic Relations in the 1990s" will be discussed in a seminar by John Sylvestre and David Lu at 3:30 p.m. Wednesday, March 7, in Room 101 Kern Graduate Commons at University Park.

The seminar, which is open to the public, is sponsored by the Center for East Asian Studies and the East Asian Studies Society at Penn State.

Mr. Sylvestre is a retired Foreign

Service officer with extensive experience in East Asia, particularly with Japan. Prior to retiring from the State Department, he was assistant deputy director of the Bureau of Intelligence and Research. Currently, he is director of the Japan Center at North Carolina State University.

Dr. Lu is director of the Center for Japanese Studies at Bucknell University, where he also serves as professor of history and Japanese studies. He received his Ph.D. in international law from Columbia University in 1960.

Lecture on Eastern Europe

Trond Gilbert, professor and chair, Political Science Department, and director, Slavic Center, will discuss "Change and Chaos in Eastern Europe: Prospects for a Transition to Democracy in a Troubled Region" from 1:30 to 3 p.m. Wednesday, March 14, at the Penn State Downtown Center in Harrisburg.

Sponsored by the Downtown Center, the presentation is one in a series of lectures on public policy-related issues. A question and answer session will follow the lecture. Refreshments will be provided.

The registration deadline is March 9. Contact the Penn State Downtown Center, 234 N. Third St., Harrisburg, Pa. 17101, (717) 783-0433.

Leadership institute

The Penn State Chapter of Phi Delta Kappa and the State College Area School District are hosting a leadership institute on restructuring public schools on March 16 and 17 at the Nittany Lion Inn and State College Area Junior High School.

Discussion topics include restructuring through alternate forms of school governance, enhanced use of technology, strategies for empowering individuals within the educational

community, and addressing the needs of an increasingly multicultural population.

Guest speakers include Phillip Schlechty, Cheens Academy, Louisville, Ky., and Paula Short, Auburn University.

To register for the conference, which begins at 5:30 p.m. March 16, call the PDK Leadership Institute at (814) 865-8301.

Study Abroad Programs

The Office of Education Abroad Programs has a new program with the University of Melbourne, Australia, for a one- or two-semester educational experience, as well as a new one-semester option available at the University of Nairobi, Kenya.

The Melbourne program is available for Spring Semester only or Spring and Fall semesters. At the University of Melbourne, the academic year runs from spring to fall. The one-semester option at the University of Nairobi is in addition to the existing full-year program. For information, call 865-7681.

Graduate awards

The Graduate School and the Office of the Vice Provost and Dean for Undergraduate Education have announced the establishment of annual awards in four broad disciplinary areas (physical science and engineering, life sciences, social and behavioral sciences, and arts and humanities) to recognize excellence in teaching by graduate assistants. The first awards are to be made this spring.

Guidelines and procedures for nominations and selection of awardees are being distributed Universitywide. To be eligible for nomination, a graduate assistant must have served in a teaching capacity for at least two semesters. Each award will consist of a plaque and a cash award.

The deadline for submission of

nominations to the Graduate School is March 9.

College enrollment climbs

Spring term enrollment at Pennsylvania College of Technology has climbed 15 percent over last year. Currently 3,909 students are enrolled at the College, about 400 more students than last spring, according to William J. Martin, dean of student services.

With Fall 1990 admissions applications running more than 40 percent ahead of last fall's, future enrollment trends look good for 1991. "Preliminary fall enrollment figures are showing a nice picture, and we expect even more substantial growth next year," Dr. Martin said.

Penn College building program

A \$31.5 million building program has been unanimously approved by the Board of Directors of Pennsylvania College of Technology.

Among the first priorities in the Stage IV Building Program are an addition to the Professional Development Center, weatherproofing to the Earth Science Center, renovations to the Academic Center, and the acquisition of land for construction of general services buildings and the demolition of the existing facilities.

Secondary priorities in the plan include the construction of a residence hall, a new aviation center, instruction space for the diesel program at the Earth Science Center, and the construction of a technical trades center at the North Campus in Wellsboro. The final project in the building program is the construction of a Campus Center which will include a performing arts theatre.

Sources of revenue for the projects are college cash, \$2 million; a college bond, \$17.5 million, and the Commonwealth of Pennsylvania \$12 million.

Staff Vacancies

The following vacancies for positions (classified as staff exempt or staff nonexempt) have been listed with the University Employment Division for filling.

The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion **MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304**

(NETWORK LINE 433-0041). Applicants for these staff vacancies will be accepted until March 1. **DO NOT CONTACT THE AREA THAT HAS THE VACANCY.** Applicants for staff vacancies are considered in accordance with Fair Employment practices (FES) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law) sex, or status as a disabled or Vietnam era veteran.

- **Admissions Counselor II - Market Planning and Communications, Division of Undergraduate Education, Undergraduate Admissions -** Responsible to the associate director of undergraduate admissions for general assistance in conceiving, planning and organizing operational aspects of admissions procedures and activities which relate to market planning and communications. Requires bachelor's degree, or equivalent in journalism, English or related field, plus one to two years of effective experience, and excellent oral and written communication skills. **THIS IS A REANNOUNCEMENT. THOSE WHO PREVIOUSLY APPLIED NEED NOT REAPPLY. STAFF GRADE 6.**
- **Director, Federal and State Programs, Academic Services, Office of Student Aid, University Park Campus -** Responsible to the assistant vice president for student financial aid for

supervising the Pell Grant, Guaranteed Student Loan, federal campus-based aid programs. Satisfactory Academic Progress, Change of Family Circumstances, Student Employment, State Grants and Financial Aid Transcript programs. Requires master's degree, or equivalent, preferably in student personnel services, counselor education, higher education, business or public administration, plus three to four years of effective experience in student personnel, student aid or other related areas, and excellent interpersonal skills. **STAFF GRADE 6.**

- **Assistant Director for Career Counseling, Student Services, Counseling Services and Program Assessment, University Park Campus -** Responsible to the associate director for counseling and programming for the operations related to the delivery of career counseling and planning services to students. Requires master's degree, or equivalent in counseling psychology with license or licensable in the state of Pennsylvania, plus a minimum of

three years effective experience in career counseling of college students and counselor supervision. Administrative experience in higher education highly desirable. A doctoral degree is preferred. **STAFF GRADE 8.**

- **Photojournalist, Division of University Relations, Public Information, University Park Campus -** Responsible to the director of public information for providing photographic services, to include conceptualization and project coordination for a wide range of visual, graphic and photographic departmental undertakings. Requires bachelor's degree in photojournalism, or equivalent, and two to four years of effective experience with a newspaper or comparable publication. Must have a thorough knowledge of photographic techniques, be creative, demonstrate initiative and an ability to perform responsibilities in a professional manner. **STAFF GRADE 5.**

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William E. Campbell Jr., Editor
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Assistant Editor
Kathy Garman, Calendar

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PRIESTLEY LECTURES

Nobel laureate Dudley Herschbach will give the 1990 Joseph Priestley Lectures in Chemistry March 6 through 9 at University Park. See story on page 3.

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President accepts report of Child Care Task Force

President Jordan has accepted the report of the University Child Care Task Force. Acceptance of the report follows consultation with a wide variety of representative groups, including faculty, staff, and students.

"There is consensus that the matter of child care is an important and continuing issue in our community," Dr. Jordan said. "And we are grateful to all those who are devoting their time and energy to continuing progress in this area."

Following receipt and review of the Task Force report, the president indicated that the position of director for Child Care Program Services has been created. The director is responsible for the development of a University-wide child care services program at Penn State. For administrative guidance and reporting, the director will be responsible to Billie S. Willis, assistant vice president for human resources.

"Because of the University-wide nature of the issues

involved here, policy direction to the director of Child Care Program Services will be provided by a University Child Care Policy Executive Committee," Dr. Jordan said. Members of the committee are **William W. Asbury**, vice president for student services; **Grace Hampton**, vice provost; **Carol Herrmann**, vice president for administration; and **James M. Wagner**, vice president for business and operations.

"This committee will ensure that my office is kept apprised of student, staff, and faculty concerns and interests in day care. Communication and access to executive level policy decisions are key to those interests."

Dr. Jordan also explained that an advisory board would be appointed to the director of Child Care Program Services. The advisory board, to be called the University Child Care Committee, will be a 12-member board made up of staff, faculty, clerical, and technical service employees, and undergraduate and graduate students.

The advisory board, to be appointed in the near future, will be involved in the search and screening process for the new director. It also will advise the director on a wide range of issues, including continuing implementation of the Task Force report, review of child care opportunities and options University-wide, and the status of child care programs at other institutions and locations.

Charles M. Super, chairperson of the Child Care Task Force Report and professor and head of the Department of Human Development and Family Studies, said he was encouraged by the initial steps taken in response to the report.

"A great deal of thought, energy, and resources has been invested in bringing us to this point," Dr. Super said. "I am delighted that a structure is now in place to initiate and support critically desired progress in addressing child care needs at Penn State."

Campaign events rescheduled

Celebratory events for The Campaign for Penn State have been rescheduled to accommodate the academic calendar as well as an overwhelming interest from alumni and friends in attending the events, according to G. David Gearhart, senior vice president for development and University relations.

The academic convocation, originally scheduled for 4 p.m. Friday, April 27 -- the last day of Spring Semester classes -- has been moved to **10 a.m. Saturday, April 28, in Schwab Auditorium**. The convocation will recognize key leaders and speak to the benefits The Campaign has brought to the University community.

The gala performance has been set for **8 p.m. Saturday, April 28, in Eisenhower Auditorium**, rather than Recreation Building as originally planned. The gala will celebrate Campaign accomplishments, as the University thanks all who contributed to the Campaign's success.

"We hope these changes do not inconvenience anybody, but we feel they're necessary to accommodate more guests than Rec Hall will allow," Dr. Gearhart said. "And, we trust that a Saturday morning convocation will make it more convenient for faculty, students, and staff to attend."

The Campaign, a six-year effort to raise funds for academic program support, exceeded its \$300 million goal in November 1989. Continuing until June 30, the Campaign had raised \$330 million as of Feb. 28.

At annual Oswald Lecture Medical educator will speak

American education—from elementary schools to medical schools—is under attack for failing to prepare students who can compete in today's complex environment.

In the 1990 Oswald Lecture in Higher Education, noted medical educator **D. Kay Clawson** will offer his perspective on how our educational system came to this state and offer solutions for change.

On Friday, March 16, Dr. Clawson, executive vice chancellor of the University of Kansas Medical Center and professor of surgery in the Division of Orthopaedics, will give a public lecture titled "Embracing Change—Creating a New Tomorrow." The lecture will be held at 4 p.m. in the auditorium of the Hershey Medical Center.

"We are pleased to have Dr. Clawson present this distinguished lecture," said C.

McCollister Everts, senior vice president for health affairs and dean of the College of Medicine at the Hershey Medical Center. "He is experienced in the clinical, teaching, research and management aspects of medicine."

Dr. Clawson has lectured widely on the future of medical education, as well as on critical issues in medicine and orthopaedics.

He has a distinguished national and international reputation and is an honorary member of the Royal Academy of Medicine in Valencia and Barcelona, Spain. He has held key positions in medical organizations, including serving as chairman of the Association of American Medical Colleges, 1988 to 1989.

Before assuming his present position at

(Continued on page 3)

Faculty Senate debates diversity course requirement

A diversity course requirement is one step closer to reality, following a debate on the topic at the Feb. 20 meeting of the University Faculty Senate.

During the one-and-a-half-hour discussion, no one spoke against the proposal made by the Committee on Undergraduate Instruction. Passage of the proposal, or a revised version resulting from the Senate discussion, is likely at the March 20 meeting.

(Additional input is being sought from the University community via a Diversity Requirement Teleconference from 2 to 4 p.m. Monday, March 12, in 112 Kern Building at University Park. The teleconference will be available for viewing and participation at other campus locations via satellite.)

The Undergraduate Instruction Committee sought a discussion on its proposal before formally introducing legislation. **Felix L. Lukeczik**, committee chairperson, said. Dr. Lukeczik, who also chaired the Subcommittee on Culture and Race Diversity, said the committee believes a diversity curricular requirement is needed. The committee's proposal offers a way to satisfy the requirement without increasing the credit load for students.

The committee proposed that all associate and baccalaureate degree candidates be required to take either one three-credit "diversity" course or at least four "diversity enhanced" courses for a total of 12 credits.

"Diversity" courses would include the study of issues related to racial, ethnic, gender and/or global perspectives as an integral part of the course. "Diversity enhanced" courses would devote about 25 percent of their time to diversity issues.

The diversity requirement would be fulfilled by taking "D" ("Diversity") and "DE" (Diversity Enhanced) courses in the student's major, minor, elective or general education

courses.

"We believe that these changes can rapidly improve the climate for diversity at Penn State by enabling students to 'comprehend the reality of international interdependence and cultural diversity,'" the committee's report states.

The committee noted that the General Education booklet lists 49 courses "which give substantial consideration to diversity topics." It also discovered that at least one black studies and/or women's studies course is offered at each Commonwealth Campus, except one.

John M. Lilley, provost/dean, Penn State Erie, The Behrend College, submitted an alternate proposal for the Council of Academic Deans to add an international interdependence focus to the diversity requirement. The council's proposal would add the requirement of one three-credit "international interdependence" course or at least four "international interdependence enhanced" courses for a total of 12 credits.

Two non-senators were granted permission to participate in the discussion: **Michael McRae**, a senior majoring in exercise science, and **Felicia Smith**, a member of Academic Diversity Awareness Project.

President Jordan expressed his pleasure at the Senate's focus on a curricular diversity requirement. He said the results of the Feb. 20 discussion and future debates would be of critical importance to the University.

In other action, the Senate:

-- passed a resolution requesting that each final candidate for the position of president of the University, when being interviewed, be afforded the opportunity to meet with representatives of the faculty

-- approved an advisory and consultative report from the Committee on External Affairs. The proposal recommends that the president appoint a study group to develop a

universitywide program to strengthen the University's outreach program to parents and families of undergraduates.

-- heard a report from **R. Mark Faulkner**, University legal counsel, on the Jan. 9 U.S. Supreme Court decision regarding disclosure of information from promotion and tenure dossiers. The decision will have "very, very minimal impact" at the University, Mr. Faulkner said.

March 20 Senate meeting

Faculty, staff and students who are not members of the University Faculty Senate may address the diversity curricular requirement issue at the March 20 Senate meeting by requesting the privilege of the floor.

Faculty and staff requests to speak during the meeting, set for 1:30 p.m. in 112 Kern Building at University Park, must be made in writing to the Senate chairperson, through the secretary of the Senate.

Students should make their requests in writing to the Senate chairperson, through the chairperson of the Committee on Student Life.

The requests are due in the Senate Office, Birch Cottage, University Park, by 5 p.m. Friday, March 16.

Non-senators granted permission to speak during the meeting will be entitled to make a brief presentation. They may not participate during the Senate discussion that will follow the presentations.

Focus on Diversity

Former Hispanic affairs official will speak at Behrend

Miriam Cruz, former deputy assistant for Hispanic affairs to former President Jimmy Carter, will address the issue "2000 and Beyond: Growth of the Hispanic Community in the U.S." at 8 p.m. Monday, March 12, in the Penn State-Behrend Reed Lecture Hall.

Our world is becoming smaller and anything that happens around us affects us all in the end," Ms. Cruz says, referring to the large influx of Central American immigrants now entering the United States as the result of shifts in our foreign policy. "The changes taking place in the Hispanic community impact cities like Erie, as well

as the largest urban centers."

One of her main concerns is the lack of secondary and higher education completed by Hispanics. "Most Hispanic dropouts are directly connected to language barriers because of the lack of bilingual education," she says. The result is increasing unemployment among Hispanics in addition to a rising population."

Lack of education in the Hispanic community affects us all, Ms. Cruz says, because it means the government -- and the taxpayers -- will have to put more resources into programs to combat the situation it continues to go unchecked.

Ms. Cruz founded a non-profit organization to address the educational and training needs of Hispanic and minority youth: Equity Research Corporation. Based in Washington, D.C., it assists efforts nationwide that give young people opportunities to pursue careers.

"We do development work for Hispanic and minority institutions, helping them to upgrade their educational programs," Ms. Cruz says.

A native of San Juan, Puerto Rico, Ms. Cruz began her career as an English teacher. She participated in a teacher exchange program between Puerto Rico and

Philadelphia and eventually moved to Chicago where she became the first assistant for Hispanic affairs to then-Mayor Richard Daley.

In 1976, she was a member of the campaign committee of the Democratic Party and co-chair of the Hispanic Caucus of the Democratic National Convention. In 1980, she served as the White House Office of Hispanic Affairs liaison to the Carter Campaign, and President Carter also named her to the president's Advisory Commission on Women.

Diversity Opportunities Calendar

Thursday, March 8

Center for Women Students, 4 to 6 p.m., 120 Boucke. Celebration of women's achievements and accomplishments for Women's History Month.

Lesbian and Gay Alliance, 7 p.m., HUB Assembly Room. Lesbian and Gay Film Festival: "Damned If You Don't."

Friday, March 9

Penn State Erie, The Behrend College, 8 p.m., Reed Hall. Musical performance by Indiana University Soul Revue, featuring contemporary and solid gold hits.

Saturday, March 10

Office of Minority Faculty Development, 5 a.m. to noon, 114 Kern Graduate Building. "External Funding and Proposal Development," fourth in series of faculty development workshops. Babba Briedt,

College of the Liberal Arts coordinator of grants and contracts, will be speaker.

Reservations, Leah Witzig, 863-1663.

Paul Robeson Cultural Center, 8 p.m.,

Nat King Cole special to air on WPSX

By the end of his short life, Nat King Cole achieved something that no other black performer had in his era. While society boasted of many black artists being respected and revered, it was always within the black context.

As Harry Belafonte explains, "There were always parameters drawn which (blacks) were not perceived as able to go beyond." Cole's sound was so universal, however, that he became a household name across America, and in many homes abroad, by the time of his death in 1965,

just shortly before his 40th birthday.

The *Unforgettable Nat King Cole*, a new special airing at 7:30 p.m. Thursday, March 8, during Channel 3's 25th Anniversary Festival, recounts Cole's life and career. Through interviews with his family and friends, film clips of his biggest hits, home movies, and clips from Cole's 1959 appearance on the television show "This Is Your Life," the film traces Cole's life from his beginnings as the son of a preacher in Montgomery, Ala., through his international success as a singer.

Schwab Auditorium. Black Arts Festival kicks off with a musical performance by Indiana University Soul Revue.

Monday, March 12

Lesbian and Gay Alliance: noon to 7 p.m., 120 Boucke. Lesbian and Gay Film Festival: "Just Because of Who You Are."

Office of Minority Faculty Development, registration deadline for March 17 workshop, 9 a.m. to noon on "Promotion and Tenure Roundtable." Harold Cheatham, associate professor of education, will lead open discussion. Contact Leah Witzig at 863-1663.

Thursday, March 15

Center for Women Students, 8 p.m., HUB Gallery. Lin Nelson on "A Matter of Survival: Every Woman's Science and Social Ecology."

Diversity Requirement Teleconference set March 12

Members of the University community are invited to participate in a Diversity Requirement Teleconference to be held from 2 to 4 p.m. Monday, March 12.

The teleconference will originate in 112 Kern Building at University Park Campus and will be available via satellite to other campus locations.

The teleconference will provide an opportunity for all members of the University community across the entire system to learn about the Senate proposal for a diversity requirement, to ask questions about the proposal and to express their own views and give input that will be helpful in the Senate's

deliberations," Janet Atwood, chairperson, University Faculty Senate, said.

Ann Shields, chairperson of the Commission on Racial/Ethnic Diversity, said, "All of the under-represented groups comprising the Commission feel that their history and contributions across the spectrum have not been adequately acknowledged throughout all of the disciplines."

"Because of this, we believe the issue of a diversity curricular requirement is an important one for the University. We are more than happy to support the Senate's initiative and we urge students,

faculty and staff members to share their views with us during the teleconference."

The teleconference will be moderated by Mary Dupuis, College of Education senior. Speakers and their topics are: Felix L. Lukeziec, chairperson of the Senate committee which drafted the proposal for a curricular diversity requirement, on the committee's recommendations; Thomas L. Merritt, College of Agriculture senator, on the history of the Senate's diversity-related activities;

James B. Stewart, director, Black Studies Program, on black studies

initiatives; Lynne Goodstein, director, Women's Studies Program, on women's studies initiatives and curriculum integration; and William C. Richardson, executive vice president and provost, on the costs involved. There also will be a presentation on what other colleges and universities have done regarding this issue.

The teleconference is sponsored by the Senate, Commission on Racial/Ethnic Diversity, Commission for Women, Equal Opportunity Planning Committee and President's Council on Undergraduate Recruitment and Retention.

The Campaign for Penn State

Grant will assist studies of early adolescence

More than 80 faculty members from five colleges at the University are helping to plan a pioneering effort to investigate the problems of adolescence.

The Carnegie Corp. of New York, through its Council on Adolescent Development, has given the University's College of Health and Human Development a \$110,000 planning grant to act as "flagship" university for studies of early adolescence.

Under the direction of Carnegie President David A. Hamburg, the council seeks to place the challenges of the early adolescent years higher on the nation's agenda.

"The problems of adolescence center on a fateful time when poorly informed decisions have lifelong consequences," Mr. Hamburg said. "The tortuous passage from childhood to adulthood requires our attention, our understanding, and a new

level of thoughtful commitment."

Using the planning grant, Penn State researchers will identify needed research on issues of adolescent development linked to media, education, family, health and preventive interventions.

"The casualties of early adolescence have never been greater from drugs, premature pregnancy, illiteracy, depression and suicide," Anne C. Petersen, dean of the College of Health and Human Development, said. "Fortunately, the recently developed research base makes this an excellent time to identify solutions to the problems of early adolescence."

The Carnegie Council integrates material from many sources to stimulate sustained public attention to the risks and opportunities of the adolescent years. It also seeks to generate public and private support for measures that facilitate the critical transition into adulthood. The

council focuses its efforts on the early adolescent years (ages 10-15), a time of increased vulnerability, potential risk and special opportunities.

"No other university has the number of outstanding researchers with expertise in early adolescence as we have at Penn State. This project will marshal these talented scholars to address the very real needs of young people here and across the nation," Dr. Petersen said.

The grant is part of The Campaign for Penn State, a six-year effort to raise \$300 million in private support for academic programs.

Sandsons make gift

A retired bakery executive and his wife have committed \$100,000 to endow scholarships in the College of Agriculture

and in Intercollegiate Athletics.

Bernard N. Sandson graduated from Penn State in 1940 with a degree in agricultural economics. Beatrice N. Sandson graduated two years later with a bachelor's degree in education.

Mr. Sandson is a retired executive vice president of Northeast Foods, headquartered in Baltimore, Md. He is now a consultant with Bake Rite Rolls of Philadelphia, supplier of rolls for several fast-food systems on the East Coast. "Getting our education at Penn State changed our lives, and we wanted to offer some of today's agricultural students and student athletes the same opportunity," he said.

The scholarships are one-year awards for students who have outstanding academic records or show academic promise.

The Sandsons have two children and three grandchildren. They spend winters in Palm Beach and have a home in Margate, N.J.

Bell makes grant to PENNTAP

Bell of Pennsylvania has contributed \$10,000 to the Pennsylvania Technical Assistance Program (PENNTAP) to help sponsor technology transfer within the state.

Spokesman William Ruhl said Bell hopes the contribution will encourage other corporations to further the highly successful grass roots style of technology transfer for which PENNTAP has been a national model.

"The Pennsylvania Manufacturers' Association also had contributed to PENNTAP, and the hope is to provide a consistency to the organization's funding base."

Noting that PENNTAP's funding, during its 25 years, has come mostly from the State Department of Commerce and Penn State, he said recent curtailment of some economic development funding has constrained the ability of PENNTAP to

assist companies in the use of newer technologies.

Even though its budget has climbed to more than \$1 million a year, PENNTAP maintains a 17 to 1 benefit-to-cost ratio on the basis of evaluation reports by users. Those benefits now exceed \$125 million. Accumulated as PENNTAP's engineers and scientists help solve problems in computer technologies, industrial waste management, energy and various engineering and scientific disciplines. There is no charge for the service.

R.D. Wurzbach, a Bell representative, said the company feels the growth of advanced technology is a key to the state's future.

"In order to foster this transfer of new technologies to companies in Pennsylvania, organizations such as PENNTAP are necessary. This contribution demonstrates Bell's dedication to improving Pennsylvania's economy."



H. LeRoy Marlow, right, PENNTAP director, accepts a contribution from W.D. Wurzbach, left, of Bell of Pennsylvania. Also shown are G. William Ruhl, second from right, managing director for technology deployment and external liaison, Bell Atlantic, and Lee Gaumer Jr., technical director, corporate government sales, Air Products and Chemicals, Allentown

University Park Dialing Instructions
Emergency (Police-Fire-Ambulance)-911
Campus calling-2, 3 or 5 plus last four digits
Local calling-8 plus seven-digit number
Long Distance Calling:
(Within 814 area code)-8 plus 1 plus seven-digit number
(Other long distance calls)-8 plus 1 plus area code plus seven-digit number

University adult student is honored

Greg Minarchick, a January 1990 graduate of the College of Education, has received a 1990 Outstanding Adult Student in Higher Education Award.

The award, presented at the College Alumni Society Board of Directors luncheon by Dean Rodney J. Reed, is sponsored by the Pennsylvania Association for Adult Continuing Education (PAACE). Each year, 10 adult students from across Pennsylvania are chosen to receive this honor.

In presenting the award, Dean Reed noted, "The sacrifices Greg has made makes his degree even more rewarding, and this

award is a tribute to his irrepressible optimism and commitment. We are honored to have him be a graduate of the College of Education. He will be an exemplary teacher."

Mr. Minarchick finished a bachelor of science degree in elementary education in just two and one-half years, while working the night shift in a Clearfield County coal mine. Additionally, he served his community in Little League, Boy Scouts, and church activities.

He and his family, wife, Denise, and three children, live in West Decatur, Pa.

Oswald Lecture

(Continued from page 1)

the University of Kansas Medical Center Dr. Clawson was dean of the College of Medicine at the University of Kentucky and professor of surgery in the division of orthopaedics from 1975 to 1983 and served as vice chancellor for clinical professional services from 1982 to 1983. He was chairman and professor of orthopaedics at the University of Washington from 1963 to

1975.

A 1952 graduate of Harvard Medical School, he completed residencies at Stanford and studied with orthopaedic specialists in the United States, England and Europe.

The John W. Oswald Lecture in Higher Education, created by the Board of Trustees, addresses issues that concerned Dr. Oswald during his career as a scientist and as the 14th president of Penn State from 1970 to 1983.

Staff position evaluation open meeting

Twenty-eight scheduled open meetings on the Staff Position Evaluation and Compensation Program (SPEC) have been completed. The last two University Park meetings were "standing-room-only."

Because of the intense interest in the meetings, an additional University Park meeting is scheduled for 12:40 to 2:30 p.m. Friday, March 16; in Kern Auditorium. Anyone in the

classifications of staff exempt, staff nonexempt and clerical who has not been able to attend previously scheduled meetings is encouraged to attend.

Program brochures and brief questionnaires will be available at the meeting or can be obtained from a Personnel Representative. Any comments or suggestions can be sent to Rachel Miller, Box 7, Rider Building.

Marker lectures set for March 12-15

Hugh McDevitt, Joseph D. Grant Professor of Medicine and chairman of the Department of Microbiology and Immunology at Stanford University School of Medicine, will present the 1990 Russell Marker Lectures in Genetic Engineering March 12-15 at University Park.

The series of four lectures, titled "The Role of the Major Histocompatibility Antigens in Health and Disease," is sponsored by the College of Science and is open to the public.

The lecture schedule is: "How MHC Molecules Function in the Immune Response," at 8 p.m. Monday, March 12, in 117 Osmond Laboratory; "MHC Structure and Antigen Presentation," at 8 p.m. Tuesday, March 13, in 117 Osmond Laboratory; "Self-NonSelf Discrimination," at 8 p.m. Wednesday, March 14, in 117 Osmond Laboratory; "New Insights and New Strategies," at 11:15 a.m., Thursday, March 15, in 101 Althouse Laboratory.

Dr. McDevitt's research centers on immunogenetics; the genetic control of the immune response. His work is of relevance to infectious diseases and autoimmune diseases such as arthritis and diabetes.

A member of the U.S. National Academy of Sciences since 1977, he also is a member of the American Academy of Arts and Sciences and the Institute of Medicine.

The winner of the American College of Physicians Award for Research in Medical Sciences and the late Annenberg Hazen Award for Excellence in Clinical Research, Dr. McDevitt also has been honored with the Borden Award, the Passano Award, the

Albion O. Bernstein Award, the 3M Life Sciences Award, and the Lee C. Howley Sr. Prize for Research in Arthritis.

The Marker Lectures series was established in 1984 through a gift from Russell Marker, professor emeritus of chemistry, whose pioneering synthetic methods revolutionized the steroid hormone industry and opened the door on the current era of hormone therapies, including the birth control pill.

The Marker endowment also allows the College of Science to present annual Marker Lectures in astronomy, the chemical sciences, the mathematical sciences, and the physical sciences.



Hugh McDevitt

Research award recipient will lecture

John L. Beard, recipient of the Evan G. and Helen J. Pattishall Outstanding Research Achievement Award from the College of Health and Human Development, will present a lecture titled "Iron Deficiency in Humans: Is Genitor Really Needed?" at 8 p.m. Thursday, March 15, in the HUB Assembly Room at University Park.

The research award recognizes Health and Human Development faculty for outstanding research contributions occurring or culminating within the past several years.

Dr. Beard's research has shed light on the nature and consequences of iron deficiency. He has found that marginal iron deficiency

interferes with the individual's ability to regulate body temperature, and he now is trying to identify the mechanism that mediates the effect.

He has been selected for membership in the American Institute of Nutrition and has received several highly competitive awards, including a First Independent Research and Support Transition Award from the National Institutes of Health, and a Competitive Research Award from the U.S. Department of Agriculture.

Dr. Beard joined Penn State in 1984 as assistant professor of nutrition, and is now an associate professor, with an additional appointment in the intercollege graduate program in physiology.

He previously was research assistant professor at the International Center for Control of Nutritional Anemia at the University of Kansas Medical Center. He also had been a research associate in nutritional sciences at Cornell University and a senior research fellow in hematology at the University of Washington.

He holds a Ph.D. in human nutrition, physiology and biochemistry from Cornell University, a M.S. in physical organic chemistry from the University of California, Santa Cruz, and a B.S. in organic chemistry from Stevens Institute of Technology, Hoboken, N.J.

The Evan G. and Helen J. Pattishall Outstanding Research Achievement Award was endowed by Evan G. Pattishall, who was dean of the former College of Human Development from 1979 until his retirement in 1987, and from his wife, who holds a bachelor's degree from the college.



John L. Beard

Focus on the arts

Graphic design exhibit

An exhibit of recent works by undergraduate students in the graphic design and metals programs in the School of Visual Arts is on display until April 6 in the Chambers Gallery at University Park.

The graphic design exhibit includes selected student works that use techniques such as xerography, photography, silk screen and mixed media. The metals exhibit includes jewelry and objects such as boxes and hand mirrors made out of both metal and non-metal materials.

The exhibition is free to the public. Chambers Gallery is located on the second floor of the Chambers Building and is open 8 a.m. to 5 p.m. Monday through Friday.

Pattee anniversary

To commemorate the 50th anniversary of Pattee Library, the University Libraries is exhibiting the history of Pattee in the Penn State Room, which is in Central Pattee on the first floor.

Library visitors and users can pick up a free, special bookmark with a quotation from Willard P. Lewis, Penn State College librarian from 1931-49.

Odyssey on WPSU

The Spanish aestheticism, playwright novelist, and poet Ramon del Valle-Inclan, is the subject of the next "Odyssey Through Literature" broadcast. "The Musical Miracle"

"Where the meaning of words cannot reach, the waves of their musicality penetrate," wrote Valle-Inclan, in a translation by Robert Lima, professor of Spanish and comparative literature.

Dr. Lima, who also has published a biography of Valle-Inclan, notes that Valle-Inclan, notes that Valle-Inclan was irritating, crotchety, full of malevolent wit, but also was a man of incredible honesty and perception. The author of 24 plays, he is the unrecognized originator, says Dr. Lima, of the Theatre of the Absurd.

Valle-Inclan says the need in art, says Dr. Lima, to not clarify everything -- which does not mean to obscure things, but to leave some things unsaid, unpaired, uncomposed. To make the reader, the listener, the observer a collaborator.

"Odyssey Through Literature" is produced by the Comparative Literature Department and airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Museum lecture

Richard De Puma, curator of the "Roman Portraits" exhibition at the Palmer Museum of Art, will give the lecture, "Portraits and Politics: Imperial Images as Propaganda," at 8 p.m. Thursday, March 8, at the museum.

The exhibition features bust-size, marble or terra-cotta portraits of well-known



Richard De Puma, curator of the "Roman Portraits" exhibit at the Palmer Museum of Art, will lecture on "Portraits and Politics: Imperial Images as Propaganda" at 8 p.m. March 8 at the Palmer Museum.



Louis Stout will present the fifth annual Brass Performance Seminar March 7. He will be joined by guest artist Steven Mumford.

digitaries and anonymous citizens of the Roman Empire. It will be on display through April 22.

In his lecture, Mr. De Puma will address how these portraits were used to influence the public's perception of emperors and digitaries.

Guitarist to perform

Christopher Parkening, the renowned classical guitarist twice nominated for Grammy Awards, will play a concert of traditional Spanish dances and some classical pieces at 8 p.m. Friday, March 9, in Schwab Auditorium at University Park.

Mr. Parkening began studying the guitar at the age of 11 and was selected only four years later for the first master class given in the United States by the famed flamenco guitarist, Andres Segovia. Today, he performs all over the world as a soloist and also with many of the world's leading orchestras. In addition to giving recitals in North America, Europe and Japan, Mr. Parkening has recorded nine albums.

Mr. Parkening dedicates his Penn State performance to Segovia, his late mentor, and will play two pieces written by him. He will be joined for part of his performance by a former student, David Brandon.

The performance is supported jointly by grants from the Pennsylvania Council on the Arts and the National Endowment for the Arts.

Choirs to perform

The Penn State University Choir and the Bucknell University Choir Choral will present a joint concert at 8 p.m. Saturday, March 10, in the Recital Hall of the Music Building at University Park.

Together the two choirs will perform the Vaughan Williams "Te Deum in G" and selections by Luboff and Wilkousky.

The University Choir, directed by Daniel Danner, faculty member in the School of Music, and assistant conductor Russell Shelley, will feature selections by Dello Joio, Brahms and varied arrangements of love songs.

The Concert Choral, conducted by William Payne, faculty member in Bucknell's Music Department, will perform a three-movement work by Landes in jazz style and other works by Hogenson, Larsen and Halloran.

The University Choir Chamber Ensemble also will take part in the program, featuring madrigals and folk songs by Morley, Dowland and Seiber.

The concert is free to the public.

The arts on Channel 3

WPSX-TV will present three spectacular

Great Performances programs on Sunday, March 11, during its 25th Anniversary Festival.

Maestri in Salzburg, an all-star musical salute to the beloved composer in the city of his birth, airs at 12:55 p.m. James Levine leads the Vienna Philharmonic Orchestra, soprano Jessye Norman, violinist Anne-Sophie Mutter and pianist Murray Perahia in the gala performance, taped at the 1989 Salzburg Festival.

"Julie Andrews in Concert," airing at 8 p.m., features the singer performing such favorites as "I Could Have Danced All Night," "The Sound of Music" and "Come Rain or Come Shine." The concert was taped at the conclusion of her standing-room-only national tour last summer at the historic Wilmette Theater in Los Angeles.

Shirley Jones hosts and performs in "Music by Richard Rodgers," a salute to the composer of "Oklahoma!," "Carousel," "The Sound of Music" and "Pal Joey" at 9:35 p.m.

Miss Jones, who was discovered by Rodgers and Hammerstein in the early 1950s and chosen by them to star in the film versions of "Oklahoma!" and "Carousel," is joined in the performance part of the program by Richard Kiley, with whom she sings "The Sweetest Sounds" from Rodgers' "No Strings."

Trumpeter to play

Trumpeter Robert Howard, faculty member in the School of Music, will present a recital at 8 p.m. Monday, March 12, in the Recital Hall of the Music Building at University Park.

Pianist Timothy Shaffer, music faculty member, will assist Mr. Howard in the recital. The program will include the music of Scheidt, Hindemith and Altenburg.

The recital is free to the public.

Art history lecture

Dorothy Metzger Habel, associate professor in the Department of Art at the University of Tennessee, will give the lecture "Architects or Clods? The Profession of Architecture and the Emergence of Planning in 17th-Century Rome" at 8 p.m. Tuesday, March 13, in 112 Walker Building at University Park.

The lecture is part of "The World and the Italian Architect: Native Images and Reflections Abroad" 1989-90 lecture series, co-sponsored by the Department of Art History and the Institute for the Arts and Humanistic Studies. The series is dedicated to Helmut Hager, head of art history.

An architectural historian, Dr. Habel's major research interest is Roman Baroque and Rococo architecture, with a concentration in the work of Filippo Raguzzini and the Roman planning of Pope

Alexander VII

Dr. Habel received her doctorate in history of art from the University of Michigan and has taught at the University of Nebraska in Omaha. Her research specialties also include European and American prints and old master drawings, for which she has curated several exhibitions and prepared accompanying catalogues.

The lectures in this series will be published as Volume VIII of the "Papers in Art History from The Pennsylvania State University." The volume will be presented as a "Festschrift" to Professor Hager upon his 65th birthday in March 1991.

The lecture is free to the public. A reception will be held after the lecture in the lobby of Walker Building.

Soprano to perform

Soprano Suzanne Roy, a veteran performer and associate professor of music, will present a lecture/recital of songs written for her at 8 p.m. Wednesday, March 14, in the Recital Hall of the Music Building at University Park.

Steven Smith, an internationally acclaimed solo pianist and faculty member in the School of Music, will assist Dr. Roy.

The program will feature "Two Songs on Anonymous English Ballads" by James Hopkins, 1962; Edna St. Vincent Millay songs by Jack Jarrett, as well as excerpts from his mass, "Missa Pro Tempore Mortis," 1966; the premiere of selections written for Dr. Roy by Bruce Trinkley; and "Eleven Voodoo Songs" by Bert Fennel.

In her lecture, Dr. Roy will discuss works by two other composers whose works are not on the program.

Noted for her work in 19th-century French song and 20th-century voice compositions, Dr. Roy has performed throughout the United States and France, as well as on radio and public television. Her academic and performing careers have emphasized her interest in the relationship of words to music.

Dr. Smith, a veteran performer of concertos and chamber music, has given solo performances throughout the United States, Western Europe and Africa, as well as on European radio and PBS television in the United States.

Flute ensemble

The Penn State Flute Ensemble will perform in concert at 12:10 p.m. Thursday, March 15, in Eisenhower Chapel at University Park. The 20-minute concert is part of the Spring Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The program will include selections by J.S. Bach, "Monochrome for Eight Flutes" by Peter Schickele and selections by Bozza and Casterede, both 20th-century French composers. Works performed will be scored for the full flute family, including piccolo, C flute and alto flute.

The flute ensemble is directed by Eleanor Armstrong, faculty member in the School of Music, and assisted by Elizabeth Sharp, a teaching assistant in flute. It consists of 10 flute majors in the School of Music.

Museum lecture

Elizabeth Walters, associate professor of art history, will give the lecture "Roman Imperial Art: The Empress's New Clothes" at 12:10 p.m. Thursday, March 15, in the Palmer Museum of Art at University Park. She will discuss the representation of Roman empresses in sculpture. Her lecture complements the "Roman Portraits" exhibition currently on display at the museum through April 22.

Dr. Walters received a bachelor's degree in art history from Vassar College and her master's and doctoral degrees from New York University's Institute of Fine Arts. Her doctoral work emphasized Greek and

(Continued on page 7)

University Park Calendar

March 8— March 18 Special Events

Thursday, March 8

National Women of Color Day, Nittany Lion Inn.
Bach's Lunch Concert, 12:10-12:30 p.m., Eisenhower Chapel.
Center for Women Students, open house, 4-6 p.m., 101 Old 120 Boucke.
Lesbian and Gay Film Festival, 7 p.m., HUB Assembly Room. *Don't Tell If You Don't*.
Gallery Talk, 8 p.m., Palmer Museum of Art. Richard De Puma, Univ. of Iowa, on "Portraits and Politics: Imperial Images as Propaganda."
English Dept., reading, 8 p.m., 112 Walker.
Richard Stern, Univ. of Chicago, will give a reading of his fiction.
German Dept., lecture, 8 p.m., 124 Sparks.
Hilfrud Hantzschel, Universität München, on "Frauen und Pazifismus in der Weimarer Republik."

Friday, March 9

Geog. Coffee Hour, 4 p.m., 319 Walker. Dale White, U.S. Geological Survey, on "Spatial Analysis of Statewide Water Quality."
Center for the Performing Arts, 8 p.m., Schwab Auditor. Christopher Parkening, classical guitarist.

Saturday, March 10

Shaver's Creek, Dried Flower Arranging, 1-3:30 p.m., Call 683-2000.
Center for the Performing Arts, 8 p.m., Eisenhower Aud. *Squal Theatre*.
School of Music, 8 p.m., Recital Hall. Penn State Univ. Choir, Bucknell Univ. Choir.

Sunday, March 11

Shaver's Creek, Kitchen Cabinet Herbolology, 1-5 p.m., Call 683-2000.
Carnegie Hall Film Series, 7 p.m., Superfly (1972); 8:45 p.m., *Suzanne (Vie Notre Dame Nune)* (1988); 4 Carnegie. Free.

Monday, March 12

Ebony and Ivory Week, through March 17.
Lesbian and Gay Film Festival, noon-1 p.m., 120 Boucke. *Just Between of Who You Are*.
Comp. Lit. Luncheon, 12:15 p.m., 101 Kern.
James Berlin, Purdue Univ., on "The Collapsing Boundaries of Cultural Studies and English Studies."
School of Music, 8 p.m., Recital Hall. Robert Howard, trumpet.

Austrian Film Week, 8 p.m., 101 Chambers. *Whiskey Operation Hydral*. Free.

Tuesday, March 13

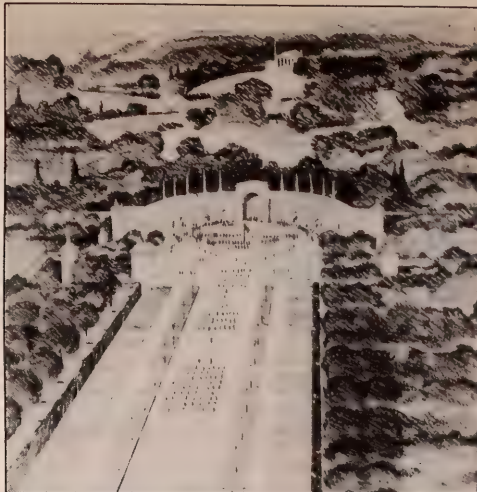
German Department, lecture, 8 p.m., Rare Books Room, W342 Pattee Library. Donald E. Pitzer, Univ. of Southern Indiana, on "German Secular Communal Settlements in America."
Art History Lecture Series, 8 p.m., 112 Walker.
Donnelly Metzger Habel, Univ. of Tennessee, on "Architects or Clods? The Profession of Architecture and the Emergence of Planning in 17th-Century Rome."

Wednesday, March 14

Lesbian and Gay Film Festival, noon, 120 Boucke. *Just Between of Who You Are*.
Carnegie Lecture Series, 4 p.m., 112 Kern.
Kenneth P. Wilkinson on "Rural Development Research and Policy in the United States."
Austrian Film Week, 8 p.m., 101 Chambers. *Invisible Opponents (Unsichtbare Gegner)*. Free.
School of Music, 8 p.m., Recital Hall. Suzanne Roy, voice.

Thursday, March 15

Bach's Lunch Concert, 12:10-12:30 p.m., Eisenhower Chapel.
Brown Bag Lunch/Lecture, 12:10-12:50 p.m., Palmer Museum of Art. Elizabeth Walters on "Kaiser Emperor Art. The Empress's New Clothes."
Office of Religious Affairs, Ethics in America.



The winning entry in the Women in Military Service for America Memorial is included in an exhibition in the Formal Gallery of the HUB.

videotape presentation and discussion, 3 p.m., Eisenhower Chapel. "Trafficking: Truth on Trial—Ethics in Public Relations."
Austrian Film Week, 8 p.m., 101 Chambers. *Callaghan (Kannenberg)*. Free.
Six Feminist Scholars Lecture Series, 8 p.m., HUB Gallery. Lin Nelson, Central N.Y. Council on Occupational Safety and Health, on "A Matter of Survival: Every Woman's Science and Social Ecology."
School of Music, 8 p.m., Recital Hall. Michael Ericson, oboe.

Friday, March 16

Trustees meet at Hershey, through March 17.
Geog. Coffee Hour, 4 p.m., 319 Walker. Peter Webster on "Exploring Earth's Boiler Box."
Austrian Film Week, 8 p.m., 110 Wartik. *Desire (Dammert)*. Free.
Saturday, March 17
School of Music, 10 a.m.-4 p.m., Recital Hall. Brass Performance seminar, registration, 865-3221; 10:30 a.m., Louis J. Stout on "The Horn: From the Forest to the Concert Hall."
Shaver's Creek, Maple Harvest Festival, 11 a.m.-4 p.m. Also March 18. Call 863-2000.
Austrian Film Week, 8 p.m., 110 Wartik. *Melanie und Student Gertrud*. Free.

Sunday, March 18

Janet Berliozian, mezzo-soprano: on "Dall'antipato al dolce." 2 p.m., Palmer Museum of Art.
School of Music, 2 p.m., Recital Hall. Ononta Chamber Players.
Center for the Performing Arts, 3 and 8 p.m., Eisenhower Aud. *Bag River*.
Carnegie Hall Film Series, 7 p.m., Bad Timing: *A Serious Obsession* (1980), 9:15 p.m., *Hospital* (1970), 4 Carnegie. Free.
School of Music, 8 p.m., Recital Hall. Marylene Dosse, piano.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5-6:30

p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m.
"Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubinstein.
"Perspectives," 6:10 p.m. Wednesdays, with Jeff Ballou. "Creative License," 12:30 p.m. Thursdays, with Asa Berlin and Pam Sautier

Conferences

Continuing Education

Keller Building

March 9-10. Microcomputer Information Exchange Conference. Kyle Peck, assistant professor of education, chair. Donna Ricketts, coordinator.

March 12-14. Mining Instructor Training Short Course. Mark C. Radomsky, director of field services and instructor in mining engineering, director. Eric Loop, coordinator.

March 13-15. Troubleshooting O and M Problems in Activated Sludge Wastewater Treatment. David A. Long, professor of civil engineering, instructor; Eric Loop, coordinator.
March 16-17. American Society for Aesthetics Eastern Division. Chuck Herd, coordinator.

Seminars

Thursday, March 8

Polymer Science, 9 a.m., 301 Steidle. S.J. Kurtz, Union Carbide, on "State-of-the-art in Polymer Processing."
Ecology, 3:45 p.m., 111 Wartik. Robert Loeb, Altona, on "The European Settlement of Forest Composition and Structure in Eastern New Jersey and Southwestern New York."
E.W. Mueller Memorial Lecture, 8 p.m., 119 Osmond Lab. Klaus V. Kitzing, Max-Planck-Institute, on "Physius and Application of the Quantum Hall Effect." Also March 9, 11 a.m. S5 Osmond Lab. on "Basic Research on Microelectronic Devices."

p.m. Saturday, March 24.

Enrico Aukso, Graduate Council Research Committee chair and director of the Institute for the Study of Adult Literacy, said that students will use prize money for their research.

Judges will select first, second, and third place winners within each of five categories. They will base their decision on intellectual content and visual appeal of exhibits, as well as the verbal presentation of the student.

The exhibition will be open for viewing from 10 a.m. to 4 p.m. both days.

Friday, March 9

McKinley Research Conference II, 2:40-4 p.m., 333 Beam. Robert Sullivan, Univ. of Texas/Austin, on "Recent Directions in Manufacturing Research."

Monday, March 12

Entomology, 3:45 p.m., 204 Patterson. James R. Miller, Michigan State Univ., on "Oviposition Behavior of Onion Fly."

Russell Marker Lectures in Genetic Engineering, Hugh McDevitt, Stanford Univ. School of Medicine, 8 p.m., 117 Osmond Lab. on "How MHC Molecules Function in the Immune Response." Also March 13, 8 p.m., 117 Osmond Lab. "MHC Structure and Antigen Presentation." March 14, 8 p.m., 117 Osmond Lab. "Self-NonSelf Discrimination." March 15, 11:15 a.m., 101 Althouse Lab. "New Insights and New Strategies."

Tuesday, March 13

Gerontology, noon-1 p.m., 101 Health and Human Dev. Bldg. East. Donald Kunze on "Mechanization of Memory and Therapeutic Environments."

History Colloquium, 4 p.m., Memorial Lounge. Eisenhower Chapel. On cho Ng on "The Socio-cultural Milieu and the Historian: The Study of Modern China in America."

Wednesday, March 14

Slave Center Luncheon Seminar, noon, 124 Sparks. Jim Drews, on "Forthcoming Elections in East Germany."

Library Faculty Organization Research Committee, colloquium, 1 p.m., 105 East Pattee Library. Dennis Phillips, Allentown, on "Game, Set, Publication: Reflections of a Tennis Bibliophile."

Thursday, March 15

Ecology, 3:35 p.m., 111 Wartik. Warren Abrahamson, Bucknell Univ., on "Elements of Holocene-Plant Evolution: Goldenrod-Bullgrass System."

Exhibits

Chambers Gallery

School of Visual Arts. Undergraduate Graphic Design and Metals Exhibition, through April 6.

HUB Galleries

Formal Gallery:

Dept. of Landscape Architecture. To Design a Monument: Three Design Competitions, through March 25.

Kern Galleries

College of Science Research Exhibitions, through March 20.

Palmer Museum of Art

The Avant-Garde and the Text, through March 11.

Roman Portraits, through April 22.
Figurative Drawings of the 17th and 18th Centuries from the Accademia Nazionale di San Luca in Rome, through May 20.

Pattee Library

East Corridor Gallery: Jean Thomas Forsberg landscape paintings, through March 9.

Zoller Gallery

Undergraduate Junior Exhibition, through March 30.

TIPS

Information Penn State

Call 863-1234 press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather-234 Arts Line-345; University Calendar-456.

Obituaries

Thomas W. Minkus, retired associate professor at the Ogonic Campus, died Jan. 17 at the age of 69. He joined the faculty July 1, 1948, and retired July 1, 1970.

Francis W. Kramer, baker-utility in Housing and Food Services, from Sept. 9, 1959, until retirement Aug. 15, 1972, died Feb. 16. He was 77.

Albert G. Neidrick, family housing project worker, Housing and Food Services, from Feb. 8, 1971, until his retirement March 1, 1981, died Feb. 19 at the age of 74.

Grafius S. Greenawald, assistant supervisor, Housing and Food Services from Oct. 1, 1954, until retirement Feb. 1, 1969, died Feb. 25 at the age of 83.

Grad students present research at exhibition

Some 100 graduate students will illustrate and describe their thesis research at the fifth annual Graduate Research Exhibition March 23 and 24 in the Kern Graduate Building at University Park. The exhibition is co-sponsored by the Graduate Council and the Office of the Senior Vice President for Research and Dean of the Graduate School.

According to Charles Hostler, senior vice president for research and dean of the Graduate School, Penn State graduate students hold 10 of the prestigious NSF fellowships won in national competition.

and the University ranks 15th nationally in research expenditures and third nationally in industrial support for research.

"We should soon be among the top 10 in overall expenditures," he said, "Penn State is growing faster in research support than any other U.S. university."
Since graduate students at Penn State and at most other large research universities shoulder much of the research effort, Dr. Hostler added, the exhibition was organized to showcase their intellectual achievements.

Prize money of \$10,000 will be awarded, with the winners to be announced at

Appointments

Jay S. Cox, former team physician and director of sports medicine at the U.S. Naval Academy, has been appointed director of clinical services for the Center for Sports Medicine.

The center, established in Spring, 1989 and located at University Park, represents a collaborative effort among the College of Health and Human Development, College of Medicine and Department of Intercollegiate Athletics.

Dr. Cox is responsible for the center's clinical services, which include the prevention, evaluation, treatment and rehabilitation of sports injuries for Penn State's varsity student-athletes. He also will collaborate with the center's director of research, William Kraemer, in a major study of the epidemiology of sports injuries.

In addition to clinical services, the center engages in research to examine the causes and effects of injuries, and it provides continuing education programs for professionals.

Dr. Cox is professor of surgery in the College of Medicine and has a joint appointment as professor of exercise and sport science in the College of Health and Human Development.

Before joining Penn State, he was an orthopaedic consultant for a private practice in Arlington, Va. He had been the team physician and director of sports medicine at the U.S. Naval Academy from 1974 to 1984 and was the chief of orthopaedic surgery at the Naval Hospital and Naval Regional Medical Clinic in Annapolis, Md. He was on the Summer Olympic Games medical staff in 1984 and has served as orthopaedic consultant for the Oakland Raiders, the Baltimore Bullets and several high school and college athletic teams.

Dr. Cox has published widely on aspects of ankle sprains and other athletic injuries and serves on the editorial board of *Orthopaedics*, the *Journal of the Orthopaedic Association*, the *Journal of Orthopaedic and Sports Physical Therapy*. He is president of the American Orthopaedic

Society for Sports Medicine and past president of the Herodius Sports Medicine Society. He holds Fellow status in the American College of Sports Medicine.

He earned his bachelor's degree at the College of Wooster, in Ohio, and holds an M.D. degree from Jefferson Medical College.

Peter J. Potter has been appointed acquiring editor in history and social science at the Penn State Press.

Previously, he had served as an editorial assistant (1986-87), assistant editor (1987-88) and associate editor (1988-89) at Wesleyan University. Since last summer, he has been acting director of Wesleyan's press, overseeing the process of integrating its program into the University Press of New England's operation.

He is completing a master's thesis in medieval history for the University of Virginia.



Jay S. Cox

Human resources center has course openings

Courses for employees

The Human Resources Development Center, 319 Rider Building, has openings in the following courses. Call the Center at 865-3410 for registration information.

Sexual Harassment – Intent vs. Impact

Learn to identify the differences between friendly behavior and subtle sexual harassment in the workplace. Meets from 1:15 to 4:30 p.m. Monday, March 12; cost: none.

Customer Service Introducing *Legendary Service*, a fast-paced, three-part video

program that pinpoints the 10 fundamentals to becoming a service legend. You'll learn what providing legendary service really means and how your organization can get there; meets for three half-day sessions March 13, 10 and 20 from 9 to 11:30 a.m.; cost: \$75.

Time Management Recognize time management as a primary element in effective performance, and improve your own management of time; meets Wednesday, March 14, from 9 a.m. to noon for staff and from 1 to 4 p.m. for

clerical; cost: \$35.

Employment Interviews Learn how to conduct an employment interview; meets from 1:30 to 3:30 p.m. Thursday, March 15; cost: none.

Faculty honored

Four University faculty members have been named fellows of the American Society for the Advancement of Science.

The award of Fellow is presented to a

member whose efforts on behalf of the advancement of science or its applications are scientifically or socially distinguished. The AAAS elected 310 individuals as fellows of the association on Feb. 19.

Penn State's new AAAS Fellows are **Lloyd Miles Jackman**, professor of chemistry, College of Science; **William B. Lacy**, assistant dean for research and professor of rural sociology, College of Agriculture; **John R. Nesselroade**, professor of human development, College of Health and Human Development; and **Elliott S. Vesell**, Evan Pugh professor of chemistry, Hershey Medical Center.

News in Brief

Deadline extended

The deadline for filing applications for the Administrative Fellows Program has been extended to March 15, until the original application deadline coincided with the Spring Semester break.

Brown bag lecture

The Faculty Women's Club will sponsor a brown bag lecture for faculty women, their spouses and friends at 11:30 a.m. Wednesday, March 21 in Room 301 Hetzel Union Building, at University Park.

Michael A. Smyer, associate dean for research and graduate studies in the College of Health and Human Development, will discuss "What is the Key to Surviving Aging? Can We All Avoid Aging?"

Libraries' colloquium

Dennis Phillips of Penn State Allentown Campus will discuss "Game Set Publication: Reflections of a Tennis Bibliophile" at 1 p.m. Wednesday, March 14, in 105 East Patten Library at University Park.

His talk is part of the Colloquium Series of the Library Faculty Organization's Research Committee. For more information, call Amy Paster at 865-3713.

Research subjects needed

Evaluations are sought for a study evaluating five user-friendly consumer electronic products. They are a voice-controlled microwave, a remote-controlled vacuum cleaner, a TV-VCR with memory, a remote-controlled movable and tiltable TV, and six-speaker audio system with memory. Subjects will be paid \$5 for less than one hour of participation time. If interested, contact

Andris Freivalds or Donghyun Park at 865-2740.

Penn State Golf Courses

Following are opening dates for the Penn State Golf Courses:

The White Shop in Recreation Building is now open seven days a week, 7 a.m. to 6 p.m. The White Course will open for play Monday, March 12, from 7 a.m. until dark.

The new lighted practice range at the Blue Course Shop will open March 12 from 11 a.m. to 8 p.m. Expanded hours of 7 a.m. to 9 p.m. will go into effect Friday, March 23. The Blue Course will open for play March 23, 7 a.m. until dark.

Openings are dependent on weather and turf conditions. For verification, contact the White Shop 865-6231, or the Blue Shop, 865-7462. No play is permitted on facilities prior to opening dates.

Child care specialist program

The Department of Human Development and Family Studies is offering, for the fourth year, the summer certificate program to train Family Child Care Specialists—better known as "Nannies."

During the program (June 3 through Aug. 25) students are housed with host families in the community. In exchange for free room and board, students provide part-time child care and, for the month of August, full-time child care.

Interested families are required to live in or near State College. Within the CATA service area, have a private bedroom for the student; agree to home visits for student supervision by program supervisors; attend two orientation meetings.

Families who have hosted before need to attend only one meeting. Interested families should contact Elizabeth Barker or Tearesa French at 863-0241 for an application.

Phi Kappa Phi initiation

The Penn State Chapter of The Honor Society of Phi Kappa Phi will induct 204 University juniors at 2 p.m. Sunday, March 11, in Schwab Auditorium at University Park.

President Jordan, a member of the society, will address the initiates.

The ceremony will result in a total of 340 Penn State juniors and seniors recognized for their academic excellence during 1989-90. More than 250 students became society members in 1988-89.

Phi Kappa Phi is unique in that it recognized scholarship in all academic disciplines. At Penn State, juniors and seniors who are in the top 5 percent of students in each of the academic colleges, and whose grade point averages are 3.50 or higher, are eligible for membership.

For more information about the Penn State Chapter, contact Linda Hugginson, 865-2150, or Tom Eakin, 863-4920.

Graduate Lecture

Kenneth P. Wilkinson, professor of rural sociology, will speak on "Rural Development Research and Policy in the United States" at 4 p.m. Wednesday, March 14, in 112 Kent Building at University Park as part of the Graduate Lecture Series. Dr. Wilkinson will discuss survey conditions that define the needs, review efforts to establish a research-based federal policy, and appraise the role of social science in these efforts. He also will present an agenda that applies research to rural problems.

Bike auction

The annual bike auction is being held from noon to 1 p.m. Friday, March 9, at the Surplus Warehouse behind lot 83, North at University Park.

Robert McNichol, police supervisor for University Police Services, says, "The bikes for the auction have been abandoned on campus. We try to locate the owner by matching serial numbers and notifying the owner to pick it up within 90 days. Those that are left are sold."

Proceeds from the auction go into a student fund. The auction is open to the public.

Cooperative Extension opens new office

Penn State Cooperative Extension opened the new headquarters of its Capital Region, located at Penn State Harrisburg in Middletown, on March 2. The ribbon-cutting ceremony completed the recent restructuring that separated the former Southeast Region into two administrative areas.

"We formed two regions in this part of the state to better serve the area's diverse needs," Lamartine B. Hood, dean, College of Agriculture, and director of cooperative extension, said.

The seven counties in the Capital Region are Adams, Cumberland, Dauphin, Franklin, Lancaster, Lebanon and York. The new Southeast Region includes Berks, Bucks, Chester, Delaware, Lehigh, Montgomery, Northampton, Philadelphia and Schuylkill counties.

The office's address is: Penn State Cooperative Extension, Capital Region Office, Penn State Harrisburg, 64 CRAGS Building, U.S. Route 230, Middletown, Pa. 17057; (717) 948-6326.

Partings

John Kolesar, professor of engineering at the Penn State Wilkes-Barre Campus, has retired after 34 years service.

A 1952 graduate of Penn State, Professor Kolesar joined the Wilkes-Barre Campus faculty as an instructor in engineering in 1955. He was promoted to assistant professor of engineering in 1960, associate professor in 1963, and professor in 1973.

Professor Kolesar developed and headed the associate degree programs in surveying technology, highway technology and railroad engineering technology at Wilkes-Barre. He most recently served as special assistant to the director of engineering technology at University Park.

He was a member of the University Faculty Senate for eight years and served on a number of University committees. From 1985 to 1988, he was acting head of the Department of General Engineering, overseeing all associate degree engineering programs at the University.

He is the recipient of the 1984

Pennsylvania Society of Land Surveyors Outstanding Service to Surveyors Award, the 1985 Outstanding Adviser Award of the College of Engineering, the Hayfield Teaching Award and the Wilkes-Barre Campus 1989 Excellence in Performance Award.

A registered land surveyor, Professor Kolesar is a member of the American Congress of Surveying and Mapping, the American Society for Engineering Education, Pennsylvania Society of Land Surveyors, and the American Railway Engineering Association.

A Jack Kolesar Scholarship Fund has been established in his honor at the Wilkes-Barre Campus.



John Kolesar

Jo Ann H. West, clerk typist B, Housing and Food Services, from Nov. 21, 1946, until Jan. 31, 1949, and from May 29, 1979, until Jan. 27.

Tana L. Lingo, clerk records A, Academic Services, from Oct. 1, 1978, until Jan. 1.

Faculty/Staff Alerts

Smoking policy

The University's policy on smoking, which went into effect April 3, 1989, is aimed at promoting a more healthful environment for the Penn State community and protecting the health of nonsmokers at all University locations.

Except for private residences, smoking of any material is prohibited in all facilities. Exceptions have been granted to limited areas. For example, smoking is permitted in the public dining area on the porch off the main dining room at the Nittany Lion Inn. A restricted smoking area also can be established in residence halls to accommodate a smoker who shares a residence room with a nonsmoker.

A Smoking Policy Review Committee has been established to oversee and evaluate compliance with the policy and make recommendations regarding requests for exceptions. The committee members are representative of faculty, staff, clerical and technical-service employees and students. The current committee chair is Thomas L. Merritt, professor of animal science, who expressed his pleasure with the cooperation shown by everyone in complying with the new policy in spirit and in practice.

"We have had very few difficulties," he said. "People for the most part seem to understand the importance of the policy

and are doing their part to ensure its success."

Billie S. Willis, assistant vice president for human resources, indicated the University's intention to provide support for smokers who desire to quit.

"To that end," Dr. Willis said, "we have sponsored many American Cancer Society Fresh Start smoking cessation programs, and we currently are assessing possible additional such programs to be available throughout the University."

Dr. Willis also noted that the Milton S. Henshey Medical Center pharmacy will make Nicorette available to faculty and staff members. In order to receive this prescription drug, the written prescription should be sent to the Medical Center pharmacy with a check for \$22.00 (to cover the cost and postage) made out to Penn State University. The name and address of the faculty or staff member should accompany the request.

Questions about this service may be directed to the Medical Center pharmacy, Network 454-6927, or the Employee Benefits Division, 865-1473 (Network 475-1473).

Health promotion survey

Surveys for the Faculty/Staff Health Promotion Program needs assessment have

been mailed. Faculty and staff are encouraged to participate in the development of this program by completing and returning the questionnaires when they arrive this week.

For more information about this project, refer to the Feb. 22 issue of the *Intercom* or contact Nancy Saisano, Office of Human Resources, at 865-3085 (Network 475-3085).

Center for Academic Computing

Telephone changes at the University's Center for Academic Computing are scheduled to go into effect March 10. Improved telephone service will allow direct dialing to the following areas.

Monday through Friday, 8 a.m. to 5 p.m.: Operations, 865-0800; User Support Group, 865-0812; Software or Accounts, 865-4772; Seminars and Publications, 863-6113; Advanced Projects, 865-0830; Business Office, 863-0427; Director's Office, 863-0421; Mainframe Consulting, 863-2494; Microcomputer Consulting, 863-1035; Student Consulting, 865-2100.

For further information regarding consulting hours and appointments, call 865-0812. For assistance during non-business hours, call 865-0800.

SERS annual statements

Annual retirement account statements have been distributed to faculty and staff members who are members of the State

Bookshelf

John R. Kaiser, coordinator for collection development, University Libraries, has compiled two major bibliographies on the works of English poets Tony Harrison and Peter Porter.

These publications, *Tony Harrison: A Bibliography 1957-1987* and *Peter Porter: A Bibliography 1954-1986*, are an attempt to provide a comprehensive list of each poet's books, pamphlets and broadsheets, and contributions to periodicals and newspapers, as well as interviews, radio and television appearances by the poets.

Among other audiences, the publications are intended for those individuals interested in modern English poetry. Also, because of the extensive descriptions of first editions (i.e., transcription and description of the design of the title page, collation, binding, dust jacket; publication date; price at publication; number of copies printed; pagination and contents), the publications are valuable references to book collectors and dealers.

Employees' Retirement System (SERS). These statements provide information about retirement accounts as of Dec. 31.

Many of the statements contain either current retirement estimates (as of the end of last year) and/or projected retirement estimates to normal retirement age. The member's age, years of service and proximity to the normal retirement date determine the type of estimate(s) which are provided.

Faculty and staff members with questions about retirement account statements should contact the Employee Benefits Division at 865-1473 (Network 475-1473).

Tuition Reduction

This is a reminder that the 75% tuition reduction for graduate study for employees and spouses is taxable as ordinary income. Ordinary income is subject to withholding of all payroll-related taxes.

For the Spring Semester, these taxes will be withheld from the March, April, and May monthly payroll checks and from the five bi-weekly pays beginning April 6 and ending June 1.

Office moves

Energy Technology Projects, a part of the Department of Nuclear Engineering, has moved from 321 Sackett Building to Suite B in Barbara Building. The phone number remains the same: 863-2133.

Focus on the arts

(Continued from page 4)

Roman art and archaeology, with a minor in Egyptian art.

The lecture is free to the public. The audience is invited to bring their own brown bag lunch.

Undergraduate exhibit

The "Undergraduate Juried Exhibition" of students' work will be on display Thursday, March 15, through Friday, March 30, in the Zollner Gallery at University Park.

Scott Pfaffman, curator of the Fulton Ferry Sculpture Exhibitions in Brooklyn, selected 70 works, including paintings, drawings, ceramics, metal sculptures, photographs and graphic designs created by students in the School of Visual Arts at the University Park and Commonwealth campuses.

An opening reception will be held from 2 to 4 p.m. Thursday, March 15. Zollner Gallery is located in the Visual Arts Building adjacent to the Palmer Museum of Art. The gallery is open Monday through Friday 9 a.m. to 5 p.m., Saturday 11 a.m. to 4:30 p.m., and Sunday noon to 4 p.m.

Oboe recital

Guest oboist Michael Ericson will give a recital at 8 p.m. Thursday, March 15, in the Recital Hall of the Music Building at University Park.

The concert will include works by Reinecke, Saint-Saens and Fiala. Mr. Ericson will be accompanied by pianist and Penn State faculty member Timothy Shafer.

Mr. Ericson is the principal oboist of the Knox-Galesburg Symphony and has toured throughout the United States and Europe as a member of the Camerata Woodwind Quintet. He has performed extensively with the Indianapolis Symphony Orchestra as well as several midwest area recording studios.

Design exhibit

An exhibition of entries from three recent design competitions for memorials in Washington, D.C., is on display through March 25 in the Formal Gallery of the HUB at University Park.

"Competitions X 3" includes the winning designs, representative entries and design programs from the Korean War Veterans

Memorial Competition, the Women in Military Service for America Memorial Competition and the National Peace Garden Competition.

The winning design for the Korean War Veterans Memorial was submitted by Penn State professors Veronica Bucus Lucas and Eliza Pennypacker of the Department of Landscape Architecture, and Don Leon and John Lucas of the Department of Architecture.

Sponsors of the exhibition include the Department of Landscape Architecture, the Women in Military Service for America Memorial Foundation, Skidmore Owings and Merrill, the National Peace Garden Project and Virginia Polytechnic Institute.

HUB Gallery is open noon to 7 p.m. Monday through Thursday and noon to 5 p.m. Friday through Sunday.

Squat Theatre

The Squat Theatre Company, known for its unusual approach to theater space and aesthetics, will bring its award-winning entertainment to Eisenhower Auditorium at University Park at 8 p.m. Saturday, March 10.

"Dreamland Burns" an avant-garde production for mature audiences only, is sponsored by the Center for the Performing Arts.

Using film, live performers, brash dialogue, animated mannequins and even fire, "Dreamland Burns" transforms the stage into a surreal representation of city life. The loose plot is about a broken-hearted woman named Alexandra, who consults a palm-reading cab driver to engineer the murder of her estranged lover.

Prior to the March 10 performance, Squat will be in residence at the University. An open forum will be held at 7:30 p.m. Thursday, March 8, in the Eisenhower Greenroom. Squat members will discuss their new work "Killing Time," which is being commissioned by Penn State, to conclude the trilogy beginning with "Dreamland Burns" and "L Train to Eldorado."

Tickets for the March 10 performance are available at the Eisenhower Ticket Center weekdays from 9 a.m. to 4 p.m. and at the Playhouse Box Office. Tuesday to Friday from 11:30 a.m. to 5:30 p.m.

Sidney Topol will present Palmer lecture

Sidney Topol, chairman of the board of ScientificAtlanta, will deliver the first Palmer Lecture on Telecommunications Studies at 4 p.m. Wednesday, March 21, in the Kern Auditorium at University Park.

The public lecture, "Post-Broadcast Television: HDTV and Industrial Policy," will focus on challenges presented to policy-makers by the new and controversial technology of high definition television.

"We are delighted to have someone of

Sidney Topol's stature deliver this premier lecture on a subject of increasing importance to telecommunications policy makers," says Richard D. Taylor, the first Palmer Professor in the School of Communications, which is hosting Mr. Topol.

Mr. Topol has worked with ScientificAtlanta, an Atlanta, Ga.-based communications firm, for 18 years, including service as president and chief

executive officer. He has been chairman of the board since 1978 and seen annual sales to defense, corporate and private concerns grow to more than \$500 million.

His lecture is the first of an annual series funded through James R. and Barbara R. Palmer, friends of Penn State. The couple endowed the Palmer Chair in Telecommunications Studies with a million-dollar gift to the School of Communications in 1987.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. The announcement is made so that all University employees who are interested in promotion MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 865-0304 (NETWORK LINE 433-0304). Applications for these staff vacancies will be accepted until March 15. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment practices (PS-1) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law) sex, or status as a disabled or Vietnam era veteran.

*** Textbook Assistant, Penn State Bookstore, University Park Campus** - Responsible to the textbook specialist for the textbook operation, maintain current pricing information on all titles purchased-develop and maintain list of universities and wholesale houses to be sought, and sell used books, review need for textbooks with textbook specialist, interview new train and supervise full-time and part-time employees. Requires high school graduation or equivalent, plus one to two years of effective experience. Knowledge of bookstore policies, practices and operations highly desirable. STAFF GRADE 4.

*** Biosafety Officer, Environmental Health and Safety, University Park Campus** - Responsible to the manager of environmental health for assisting in the development and implementation of a biological and laboratory safety program for recombinant DNA, chemical carcinogens, biohazardous agents, and infectious waste management. Requires bachelor's degree in a biological science, plus one to two years of effective experience in a laboratory environment or master's degree in a biological science with up to one year effective experience. Experience in developing an infectious waste management program in compliance with D.E.R. regulations is required. STAFF GRADE 4.

*** Laboratory Safety and Waste Disposal Specialist, Environmental Health and Safety, University Park Campus** - Responsible to the manager of environmental health for developing, organizing and implementing laboratory safety and hazardous and infectious waste programs, conduct training programs and data management. Requires bachelor's degree in environmental health or a science related discipline such as chemistry, biology, biochemistry, microbiology or chemical engineering, plus one to two years of effective experience working in a health and safety office or in a laboratory environment. A broad knowledge of laboratory practice and chemical handling and storage is required. STAFF GRADE 4.

*** Copy Editor, University Press, Senior Vice President for Research and Dean of the Graduate**

School, University Park Campus - Responsible to the production manager for copyediting scholarly book manuscripts in the humanities and social sciences in accordance with standard usage and press style, and for proofreading and seeing projects through production. Requires bachelor's degree or equivalent in arts, sciences, journalism or related field with evidence of facility in written expression and critical analysis. One to two years of effective experience in editorial practices is required, preferably in the area of scholarly book publishing. Reading knowledge of French and/or German or other languages desirable. STAFF GRADE 5.

*** Graphic Designer, University Art Services, Center for the Performing Arts, University Park Campus** - Responsible to the graphic design supervisor for the design and preparation of artwork for a wide variety of materials adhering to established time limits and maintaining the highest quality standards possible. Requires bachelor's degree, or equivalent, in graphic design, plus one to two years of effective experience in graphic design. Excellent communication and organizational skills required. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991. WITH EXCELLENT POSSIBILITY OF REFUNDING. STAFF GRADE 5.

*** Electrical Designer, Office of Physical Plant, Facilities Planning and Design Division, University Park Campus** - Responsible to the senior electrical engineer for the design and development of drawings and specifications for electrical systems for new structures and remodeling of existing structures at University Park and the Commonwealth Campuses. Requires associate degree in electrical engineering, or equivalent, plus two to four years of effective experience in building system electrical design and drafting. STAFF GRADE 5.

*** Research Aide, Poultry Science, College of Agriculture, University Park Campus** - Responsible for collecting tissues and body fluids and properly preparing for analysis. Isolate and maintain cells in tissue culture. Perform histological analysis for various animal tissues, tissue fractions, body fluids, and tissue culture fluids. Conduct procedures such as immunocytochemistry, electrophoresis and protein separations using liquid chromatography. Requires bachelor's degree or equivalent in science preferably in chemistry or biochemistry, plus six to 12 months of effective experience. STAFF GRADE 4.

*** Grants and Contracts Accountant, Corporate Controller, University Park Campus** - Responsible to the assistant director research accounting, for auditing and accounting functions required by research contracts, financial analysis, interpretation of contract provisions and the resolution of problems associated with contract accounting. Requires bachelor's degree, or equivalent in accounting, plus one year and up to and including two years of effective experience in accounting work. STAFF GRADE 5.

*** Medical Social Worker I, College of Medicine, Department of Social Services, The Milton S.**

Hershey Medical Center - Responsible to the social services coordinator to serve as part of the health care team in providing practical help and emotional support to patients and their families, and assume teaching consultation function. Requires bachelor's degree in social work from an accredited college or university, or a bachelor's degree with emphasis in human services field with one to two years' experience in social work, or equivalent. STAFF GRADE 5.

*** Telecommunications Specialist, College of Medicine, The Department of Telephone Services, The Milton S. Hershey Medical Center** - Responsible to the telecommunications analyst for telephone system upkeep and the testing and analysis of system problems which may arise on a day-to-day basis. Requires associate degree, or equivalent, in electrical engineering, plus one to two years of effective experience, which must include experience working primarily as an SL-1 technician after SL-1 training school. STAFF GRADE 5.

*** Student Activities Assistant, Wilkes-Barre Campus, Student Affairs** - Responsible to the assistant director of student programs and services for assisting in the planning and development of student programs and activities and for the coordination and implementation of those activities and programs. Requires bachelor's degree, or equivalent, plus one to two years of effective experience in student activities student personnel services, counseling or related field. STAFF GRADE 5.

*** Coordinator, Student Organizations and Program Development, Penn State Erie** - Responsible to the assistant dean of student services for assistance in the development and implementation of a comprehensive student activities

Affirmative action officer being sought

A search and screening committee has been formed to solicit nominations and applications for the position of affirmative action officer at the University.

The affirmative action officer is responsible to the Office of the President through the vice president and vice provost, Robert E. Dunham, for the administration and effectiveness of the University's Equal Employment Opportunity/Affirmative Action program for all faculty and staff members at all campus locations.

Patricia Farrell, associate professor of leisure studies, will chair the search committee.

Other members are Deborah E. Atwater, senior faculty member, Office of Minority Faculty Development; Robert W. Evans, assistant vice president, student financial aid; Vicki Y. Fong, news bureau manager, Public Information Department;

Beverly M. Laddico, secretary, Center for the Study of Higher Education; Don Alvaro Leon, associate professor of architecture; Ruth Leventhal, provost and dean of Penn State Harrisburg; Stephen M. Mitchell, undergraduate student, and Billie S. Willett, assistant vice president for human resources and acting affirmative officer.

Applicants should have an advanced degree and demonstrate excellent written and oral communication skills, interpersonal skills, research and analytical skills and extensive administrative experience. All applicants should include a current resume and the names of at least three references.

Please send nominations and applications to the chairperson, Affirmative Action Officer, 417 Old Main, University Park, PA 16802. The deadline for applications/nominations is March 15, or until a candidate has been selected.

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7517.

William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

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Teleconference will be held
March 12. See story on page 2.

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INTERCOM

March 15, 1990

Volume 19, Number 25

Information submitted for publication in *Intercom* is due by noon on the Thursday before publication.

Two Alumni Fellows scheduled to visit University Park

Carole L. Anderson, president and chief executive officer of Maryland National Investment Bank in Greenbelt, Md., and Murray L. Schwartz, executive vice chancellor of the UCLA School of Law, will visit the University as Liberal Arts Alumni Fellows March 21 to 23.

The title of Alumni Fellow, one of the University's highest distinctions, is given for life to outstanding alumni.

Ms. Anderson's visit is sponsored by the College of the Liberal Arts, and Mr. Schwartz' visit is co-sponsored by the colleges of the Liberal Arts and Science.

Ms. Anderson, a resident of Washington, D.C., received a bachelor's degree in political science from Penn State (1966) and a master's degree in business administration from New York University (1976). A member of the New York University Board of Directors and the Investment Association of New York, she formerly served on the New York Advisory Committee to the U.S. Commission on Civil Rights.

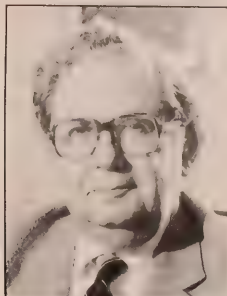
She has been featured in *Fortune* magazine as one of the "Dealmakers of the Year." A past managing director of Blythe Eastman Paine Webber, she formed a group of 20 women corporate board members in order



Carole L. Anderson

to advance knowledge of financial management. She was named to the WYCA Academy of Women Achievers in 1983.

A life member of the Penn State Alumni Association, she was the invited speaker at



Murray L. Schwartz

the annual Awards Convocation in 1986 and was named a Distinguished Alumna in 1987. She is a member of the Alumni Council and a volunteer for the Campaign for Penn State.

Mr. Schwartz, who lives in Pacific

Palisades, Calif., graduated from Penn State in 1942 with a bachelor's degree in chemistry/science.

Serving in the U.S. Navy during World War II, he rose to the rank of lieutenant. He received a bachelor of laws degree magna cum laude from the University of Pennsylvania in 1949.

After practicing law in both the private and public sectors, he joined the UCLA law faculty in 1958 and was promoted to professor in 1959. He was dean of the Law School from 1969-75, and in 1986 he received the Rutter Award for Excellence in Teaching at the law school. He was named executive vice chancellor in 1988.

He chaired the Los Angeles Division of the Academic Senate and in 1987-88 led the University of California Academic Council, serving as representative of the faculty of the nine campuses to the University of California Board of Regents. From 1974-84, he was a member of the Mattel Inc. board of directors.

He received the University's Distinguished Alumni Award in 1983.

More University Park buildings will start recycling

March 19 marks the seventh group of University Park buildings to start the campuswide recycling program.

The buildings are: Biomechanics Lab, Burrowes, Carnegie, Carpenter, Deike, Eisenhower Chapel, Electrical Engineering East, Electrical Engineering West, Engineering Units A, B, C, D and E, Engineering Services, Hallowell, Ithling Cottage.

Kern, Maintenance Landscape Depot 2, Mechanical Engineering, Mineral Science, Noll Lab, Old Botany, Old Main, Rec Hall, Sackett, Steidle, University House, Walker, West Campus Steam Plant, Willard, West Halls: Hamilton, Irvin, Jordan, McKee, Thompson, Waring, Watts, and North Halls: Holmes, Leete, Runkle, Warnock.

However, people are reminded that not all waste is acceptable for recycling.

There are two separations: one for paper and one for containers. Other material is

considered non-recyclable trash and should be discarded as usual.

Recyclable paper includes white ledger paper (writing, typing and copy), newspaper, computer printout and corrugated cardboard.

"We cannot accept paperboard boxes like cereal boxes, or other paper items such as envelopes, post-it notes, paper plates, cups or towels, or colored paper," Phil Melnick, manager of support operations and special programs for Physical Plant, said.

Paper must be dry and not contaminated by food. Pizza boxes are not to be recycled.

Containers include clear, green and amber food and beverage container glass, aluminum cans, plastic soda bottles without caps, plastic milk and water jugs (no caps), steel and tin metal cans. All containers should be rinsed.

"Some of the more common errors being made in the disposal of containers are

unacceptable items, such as mixed plastics like detergent and shampoo bottles, lab glass (tempered) and chemical containers, yogurt containers, drinking glasses and bottle caps," Mr. Melnick noted.

The janitorial employees and a network of select individuals in each building have had a more detailed orientation, and they

will be assisting with the program in their departments.

With 35 percent of the buildings on-line, about 60 tons of paper and eight tons of containers have been collected. Additional information on the University Park Campus program is available by calling the Recycling Hotline, (614) 865-8000.

Group to review undergraduate bulletins

A task force to review Penn State's undergraduate bulletins has been appointed by William C. Richardson, executive vice president and provost of the University.

The task force, chaired by Jerry B. Covert and Louis F. Geschwindner Jr., has been charged to review the content, format, general inclusiveness, and publication schedule of the Baccalaureate and Associate Degree Bulletins and the General Education booklet.

"It was through discussions of the Office of Undergraduate Education and the Senate Committee on Curricular Affairs that the need for a coordinated University-wide review of these publications became apparent," Dr. Covert said.

Members of the task force are Judd B. Arnold, Stephanie A. Bozym, William M. Farnsworth, Sally A. Heffentreyer, Jeffrey T. Hermann, James J. Kelly, James

(Continued on page 3)

Faculty Senate News

The University Faculty Senate will meet at 1:30 p.m. Tuesday, March 20, in Room 112 Kern Graduate Building at University Park.

Items discussed at the Feb. 20 Senate meeting:

- Proposed Change in *Constitution*, Article II, Section 1
- Report on Programs for Parents/Families of Undergraduate Students
- Penn State Vision Care Program
- Review of the Supreme Court Ruling on Tenure Documents
- Cultural Diversity Requirement (forensic discussion)

At the next meeting:

- Status of Construction Projects
- University Writing Subcommittee

Legislation

- Revision of *Standing Rules*, Article II, Section 6(g)
- Proposed Change in *Standing Rules*, Article II, Section 6(e)
- Penn State Economic Impact Model for Pennsylvania
- "Stopping Out" for Tenure-PS-23
- Affirmative Action Report
- Update on the University Libraries
- Basic Skills Update Report
- Cultural Diversity Requirement
- Roster of Senators for 1990-91
- Senate Council Nominating Committee Report
- Committees and Rules Nominating Committee Report
- Proposed Change in *Constitution*, Article II, Section 1



Sculptures in the "Roman Portraits" exhibit on view at the Palmer Museum of Art through April 22 are highlighted in this triple exposure photograph by Scott Johnson. See other photo on page 5.

Focus on Diversity

Commission for Women to hold spring banquet

Donna Shavlik, director of the Office of Women in Higher Education of the American Council on Education (ACE), will be the guest speaker for the fifth annual spring banquet of the Commission for Women.

The dinner will be held Monday, March 26, in the Hertz Union Building at University Park. A reception is at 6 p.m. in the HUB Fighbowl, and the dinner will start at 7 p.m. in the ballroom.

Ms. Shavlik has played a major role in coordinating efforts among higher education associations relative to women's equity and leadership.

Since she began as director in 1981, ACE's Office of Women in Higher Education has provided a national voice for women in higher education, with special focus on the advancement of women leaders.

Ms. Shavlik currently is the vice chair of the Board of Trustees of Gettysburg College. She is a founding member and

former chair of the National Coalition for Women and Girls in Education, serves as vice chair of the Executive Board of the National Council for Research on Women and was national conference chair for the National Association of Women Deans, Administrators and Counselors.

For many years, she has been an active member of the American Association for Higher Education.

In 1983, she was awarded an Honorary Doctorate of Human Letters from Marymount Manhattan College, and in 1990, she was awarded an Honorary Doctorate of Letters from Alverno College. She recently has been appointed to the National Board of Distinguished Women of the Mississippi University for Women.

A special guest of honor at the dinner will be Jacqueline Schoch, campus executive officer at the Penn State DuBois Campus, who will be retiring in September.

Tickets are \$10 for students and \$15 for non-students. For more information, contact



Donna Shavlik

the Commission for Women, 405 Old Main, University Park, Pa. 16802.

Diversity Calendar

Saturday, March 17
Office of Minority Faculty Development, 9 a.m. to noon, 101 Kern. "Promotion and Tenure Roundtable," fifth in a series of faculty development workshops. Harold Cheatham, associate professor of education, will lead open discussion. Reservations: Leah Witzig, 863-1663.

Monday, March 19
Center for Women Students, 7 p.m., HUB Assembly Room. Rich Savin-Williams on "Gay and Lesbian Youth: Expressions of Identity."

Project Growth, 7 p.m., HUB Ballroom. Film: "Lean on Me."

Tuesday, March 20
Lesbian and Gay Student Alliance, 7 p.m., Sparks. Film: "Susana."

Wednesday, March 21
Penn State Worthington Scranton Campus, 8 p.m. Phyllis Mansfield on "Critical Issues in Women's Health." Also March 22, 3 p.m., Penn State Berks Campus.

Penn State New Kensington Campus, 1:30 p.m. Leola Johnson on "Representation of Black Women in Popular Culture."



Gloria Steinem

Gloria Steinem set to speak at Behrend

Well-known author and feminist Gloria Steinem will speak at Penn State Erie, The Behrend College, at 8 p.m. Thursday, March 22, in Erie Hall. Her speech, "Women: The New Immigrants," will be broadcast live, via satellite, to most University campuses.

Since her first article was published in *Esquire* in 1962, Ms. Steinem's work has appeared in many magazines and newspapers in the United States and Europe. An editor and writer for the now defunct *Ms.* magazine, she also has written for television and for several political campaigns for such notables as Robert Kennedy, George McGovern, Cesar Chavez' United Farm Workers and Shirley Chisholm. She was one of the founders of *New York* magazine and was its political

columnist until 1971.

After graduating Phi Beta Kappa and magna cum laude from Smith College, she studied in India for a year on a Chester Bowles Asian Fellowship. In 1970, she was named *McCall's* Woman of the Year. She was the first recipient of Simmons College's Doctor of Human Justice degree in 1973. She also received the 1974 National Fellowship Award and was honored by the American Civil Liberties Union of Southern California with the 1975 Bill of Rights Award.

Her most frequent writing subjects are politics, current sociology and profiles, with special emphasis on political movements among women and minority groups. Her latest book is *Outrageous Acts and Everyday Rebellions*.

Women in Business

Gender communication, stress management and the "mommy track" will be among the topics explored when the 12th annual National Network of Graduate Business School Women conference meets at University Park March 23-25.

The conference, "Women in Business: Reaching New Heights," is hosted by Penn State's Graduate Women in Business program and will be held at the Keller Conference Center and the Atherton Hilton.

Speakers from the University will include Barbara Gray, associate director of the Center for Research in Conflict and Negotiation, on negotiating; and Linda K. Trevino, assistant professor of organizational behavior, on ethics.

Promotions

Staff Exempt

Sтивен A. Claar to customer service representative in Office of Physical Plant
Grace E. Condo to administrative services coordinator and personnel officer in Research and Graduate School.
Susan M. Frandsen to special events associate in Division of Development and University Relations.
Gregory A. Ingram to assistant to director of business services in Office of Business Services.
Mary A. Knovich to research support assistant at Hershey.
Sherri Letterman to support center consultant in Commonwealth Educational System.
Patricia J. Long to external relations assistant in Engineering.
Debra A. O'Connell to coordinator, rehabilitation billing at Hershey.
Brenda L. Pavone to administrative assistant at Hershey.
Lloyd Rhodes to manager, building trades in Office of Physical Plant.
Patricia Rizzolo to coordinator of learning center and student development and retention at Ogonitz Campus.
Del Sweeney to special assistant to the executive vice president and provost in President's Office.
Donald W. Turner to director, management development programs and services in Commonwealth Educational System.
Debra L. Wolfe to retirement counselor in Office of Human Resources.

Staff Non-Exempt

Pamela A. Albert to coordinator, lab support service at Hershey.
Paul J. Cassel to financial counselor at Hershey.
Linda A. Clotfelter to research technician at Hershey.
Carnie A. Grier to respiratory therapist at Hershey.
Daniel V. McClain to respiratory therapist at Hershey.
Sharon M. Smith to coordinator, financial aide at Hershey.

Clerical

Eileen A. Gallagher to secretary B in Intercollegiate Athletics.
Joyce Gettig to accounting clerk in Commonwealth Educational System.
J. Mary Hoke to clerk, accounting A at York Campus.
Susan J. King to senior accounting clerk in Education.
Winifred F. Monsell to secretary B in Office of Human Resources.
Sue E. Myers to secretary B at Hershey.
Susan L. Skiba to clerk A in University Libraries.
Gretchen Wallander to secretary B in Agriculture.
Martha R. Bowman to senior auditing clerk in Controller's Office.
Doris Davis to employee benefits clerk in Office of Human Resources.
Linda G. Doyle to secretary A at Hershey.
Sandra A. Edkins to conference secretary in Commonwealth Educational System.
Tyshanda Emeigh to secretary B in Office

of Human Resources.
Cheryl Hatch to secretary C at Altoona Campus.
Michelle L. Lauzon to senior manuscript typist at Hershey.
Isabel Link to secretary B at Ogonitz Campus.
Jodi R. Meyer to clerk, accounting A in Science.
Kristin M. Patishnock to clerk, records A in Academic Services.
Vickie R. Price to secretary in President's Office.
Donna J. Rentzel to secretary A at Hershey.
Mary Ann Romig to secretary in Earth and Mineral Sciences.
Sharon L. Schaack to senior clerk at Hershey.
Janet L. Smith to secretary C in Engineering.
Sherry F. Walk to secretary B in President's Office.

Technical Service

Thomas I. Cox to lead, power plant operation and maintenance in Office of Physical Plant.
Dennis G. George to mechanic, metal shop at Hershey.
Phyllis K. Heeman to dining hall worker A in Housing and Food Services.
Catherine A. Jury to dining hall worker A in Housing and Food Services.
Susan C. Kretzter to equipment and locker room attendant in Intercollegiate Athletics.
Donna C. Kline to food preparer B in Housing and Food Services.

Theodore E. Kolbe Jr. to heat and vent technician in Office of Physical Plant.
Sтивен R. Wallace to maintenance worker B at Hershey.
Russell L. Witherite to resident hall preventative maintenance worker in Housing and Food Services.
Connie L. Barger to janitorial worker in Office of Physical Plant.
Patricia Carmichael to food service worker B in Housing and Food Services.
Mary Cicarella to sign painter A in Office of Physical Plant.
Jane M. Hartsock to dining hall worker A in Housing and Food Services.
J. Denise Hosterman to group leader, photo-typesetting in Office of Business Services.
William T. McClain to group leader, press in Office of Business Services.
Foster J. Sayers to maintenance worker, utility in Office of Physical Plant.
Paul B. Shank to athletic equipment and facilities worker at Altoona Campus.
Jan J. Shutt to operating room assistant at Hershey.
Michelle M. Shutter to senior instrument processing aide at Hershey.
Rose M. Stuby to food service worker A in Housing and Food Services.
Leonard M. White to preventative maintenance mechanic and plumber in Office of Physical Plant.

Obituary

Wallace R. Youson, janitor foreman, Office of Physical Plant, from Jan. 22, 1968, until his retirement July 24, 1979, died Feb. 26 at the age of 72.

Schuykill gets library grant

Lt. Gov. Mark S. Singel has awarded \$267,000 to the Penn State Schuykill Campus for the design of a long-awaited \$2.6 million library project.

In a check presentation ceremony at the campus, Lt. Gov. Singel called the award a commitment by Gov. Robert P. Casey that the campus will be awarded the remaining portion of the \$1.6 million once the design is completed.

"The state is standing behind you with a commitment to enhance the level of education in this state, and I have the check to prove it," he said.

The \$1.6 million from the Commonwealth will be added to the \$1.1 million in gifts and pledges received from

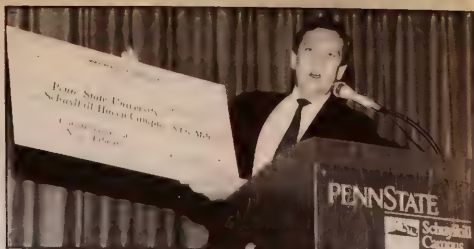
private businesses, area residents and campus alumni.

Lt. Gov. Singel said financial support from the community helped make the library project a greater concern for the Casey administration.

"The overwhelming support the project had locally from the private sector make it a top priority for us, too."

The design phase of the project is expected to take about 12 months, with construction another 18 to 24 months.

The library will be located at the south end of the campus, beyond the Multi-Purpose Building. It will include a learning center, reference areas, study and seminar rooms, and classroom space.



Lt. Gov. Mark Singel makes an award for design of \$2.6 million library project during ceremonies at the Penn State Schuykill Campus.

Center establishes Apple Faculty Loaner Program

The Center for Academic Computing (CAC) has established an Apple Faculty Loaner Program designed to provide University academic departments with a risk-free faculty Macintosh evaluation.

Under the program, made possible by an equipment donation from Apple Computer Inc., academic departments considering the purchase of a Macintosh for faculty instruction or research may submit a proposal for a loaner system.

The loaner will be provided for a period of from 30 to 90 days. At the end of the loan period, the recipient department must

either purchase the system or return it to the CAC.

According to Gerald M. Santoro, assistant director of microcomputer applications, the Apple Faculty Loaner program is available to all full-time University faculty members considering institutional purchase of Apple Macintosh systems and software.

"There is a limited number of Macintosh systems available for use in the program," he said. "As a result, the CAC cannot guarantee that all proposals will be accepted or that, once accepted, a

Macintosh system will be immediately available.

"Consideration will be given to those proposals which seem to make best advantage of the infusion of Macintosh technology into the Penn State computing environment."

Applications for a loaner system should be in the form of a brief (maximum three pages) proposal that must include the following: name, campus address, campus phone and department/college affiliation of the applicant faculty member; purpose for which the system is being acquired; address where it will be located; desired loan

period; a memo from the faculty member's current department head/chairperson stating that the department is prepared to purchase the system if the evaluation is positive; the minimum hardware/software configuration required.

More information on the loaner program may be obtained by contacting Jeff Rich (JER@PSUVM), Polly Reese (PER@PSUVM) or Gerry Santoro (GMS) at the Center for Academic Computing, 12 Willard Building, University Park, telephone 863-4356.

Faculty/Staff Alerts

Courses for faculty and staff

The Human Resource Development Center has openings in the following courses being offered in March. Call the center at 865-3410 for registration information.

Training for Trainers If you train others in any capacity, join a group of other employees in improving Human Resource Development skills; meets from 9 a.m. to 4 p.m. Monday, March 19; cost: \$55.

Intergroup Relations I Program goal is the development of a personal commitment to understand and reevaluate individual interpersonal relation skills in dealing with culturally diverse individuals; meets from 9 a.m. to 4 p.m. Friday, March 23; cost: none.

Supervision in the Office Learn skills essential to being an effective supervisor. Identify your leadership strengths and shortcomings; meets from 9 a.m. to 4 p.m., Monday, March 26; cost: \$55.

Understanding Yourself as a Manager Designed to explore the importance of values, abilities and attitudes, as well as

management's influence upon the work climate; meets from 9 a.m. to 4 p.m. Wednesday, March 28; cost: \$55.

Managing Cultural Diversity Practice decision-making related to cultural diversity, and challenge and develop your managerial skills; meets from 9 a.m. to 4 p.m. Friday, March 30; cost: none.

Bruce Lindsay receives Humboldt award

Bruce Lindsay, professor of statistics, has received an Alexander von Humboldt Senior Research Scientist Award from the Federal Republic of Germany.

According to the Humboldt Foundation, the awards are granted to outstanding U.S. scientists to promote closer scientific cooperation between the United States and West Germany.

Lt. Dr. Lindsay will spend 10 months at the Free University of Berlin conducting research in algorithms, minimum distance methods, and likelihood methods with

Task force

(Continued from page 1)

S. McCoy, Eugene R. Melander, and Patricia C. Peterson.

The task force has been asked to forward recommendations to the executive vice president and provost of the University prior to the end of Spring Semester, 1990. Suggestions and comments from the University community can be forwarded to Dr. Covert at 207 Old Main, University Park.

particular emphasis on applications of geometry in mixture models.

A University faculty member since 1979, Dr. Lindsay is a Fellow of the Institute of Mathematical Statistics and a member of the American Statistical Association and the Mathematical Association of America.

Following his graduation from the University of Oregon in 1969, he earned a doctoral degree in biomathematics at the University of Washington and then held a National Science Foundation NATO postdoctoral fellowship at Imperial College.

News in Brief

Dotterer Lecture

The 20th annual Dotterer Lecture will be presented at 4 p.m. Friday, March 16, in Room 101 Kern Building at University Park by Professor Jeanne Hersch of the University of Geneva, Switzerland. She will discuss "The Time of Consciousness, the Time of Nature, and the Time of History."

Fulbright Informal Lecture Series

William Pencak, associate professor of history at Penn State Ogonitz Campus, will discuss "Mexican Perspectives on American Foreign Policy: The View from Monterrey" from 4 to 5 p.m. Tuesday, March 27, in 222 Bouck Building, University Park. His lecture is part of the Fulbright Informal Lecture Series sponsored by the University Office of International Programs.

Book award

Lord Byron's Doctor, a novel by Paul West, professor of English, has been chosen as one of the Notable Books of 1989 by *The New York Times Book Review* and one of the best books of 1989 by the *San Francisco Chronicle*.

Ben Franklin challenge grants available

Ben Franklin Partnership challenge grants are available to local businesses, entrepreneurs and economic development organizations for a wide array of technology projects in 1990-91, but the deadline for proposals is quickly approaching.

"We have matching funds available for projects in research and development, education and training, entrepreneurial assistance, technology transfer, small business incubators, and centers of excellence," John Werner, president of the Ben Franklin Technology Center of Central and Northern Pennsylvania Inc., said.

"But we must have proposals submitted to us by April 23."

The primary objective of the Ben Franklin Partnership, an economic development program of the state Department of Commerce, is to promote partnerships among universities, government and the private sector for joint research and development projects leading

to commercialization. In this way, innovations for new or improved products and manufacturing process technologies can more quickly be brought out of the laboratory and into the factory and marketplace.

The Ben Franklin Partnership also helps to support technical assistance to entrepreneurs and selected projects in education and training that will help the region's workforce to prepare for jobs in new and revitalized industries.

Inquiries and proposals may be directed to the nearest center: BFTC/CNP, Rider Building, Fifth Floor, 120 S. Burrowes St., University Park, 16803, (614) 863-4558; Satellite BFTC/Northeast, Behrend College, Station Road, Erie, 16563, (814) 898-6114; Satellite BFTC/South Central, Penn State Harrisburg, CRAGS Building, Middletown, 17057, (717) 948-6339; Ben Franklin Technology Center, P.O. Box 158, Montoursville, 17754, (717) 368-3153.

On Sunday, March 25 Penn College to hold open house

Pennsylvania College of Technology will host its annual Open House from noon to 4 p.m. Sunday, March 25.

The College's Main Campus in Williamsport, Earth Science Center, along Route 15 in the Montgomery/Allenwood area, and Aviation Center, at the Williamsport-Lycum County Airport in Montoursville, all will be open to the public during the Open House.

This is the College's first Open House since it became affiliated with Penn State on July 1, 1989. Its forerunner, The Williamsport Area Community College, attracted a record number 14,500 guests to last year's event.

Open House exhibits and activities highlight opportunities in programs offered at the College, including many advanced technology and traditional career areas. Information tables will be located throughout campus to assist visitors. The

College's Susquehanna Room dining facility and the Le Jeune Chef, a student-run campus restaurant, will be open for service.

Among the highlights of this year's Open House, which features the theme "Link to a Star," will be displays and demonstrations prepared by faculty and students in the College's postsecondary and secondary divisions.

Students and parents interested in learning more about the College's admissions procedure are invited to attend one of three special information sessions being hosted by Admissions Office staff in the Academic Center Auditorium.

Sessions will begin at 11 a.m., noon, and 1 p.m. Career services program personnel will be on hand in the Learning Resources Center to assist any Open House guests who might be interested in exploring career and educational opportunities available to them.

Focus on the arts

Pattee exhibit

An exhibit of books about the Aborigines, the original people of Australia, is now being featured in the Black Studies Room in Pattee Library. The books cover such topics as aboriginal poetry, politics and law, and rock paintings.

Also included in the exhibit are posters from Penn State's Australia-New Zealand Studies Center and from the Australia Information Center of the Australian Embassy depicting aboriginal culture and "x-ray" style rock paintings.

The exhibit will continue through the end of Spring Semester.

Featured author

The Penn State Bookstore on Campus is hosting author **J. Madison Davis**, associate professor of English composition, Penn State Erie, The Behrend College, at a book-signing session for his newest novel *White Rook* from noon to 2 p.m. March 16.

White Rook is a mystery novel dealing with white supremacists in the United States and a Northern detective's attempt to uncover a murder plot and come to grips with his past. Dr. Davis also is the author of *The Murder of Frau Schutz*, which was chosen for an Edgar Allen Poe Scroll Award as one of the five best first mystery novels of 1988. He has published more than 30 short stories.

A 20-percent discount will be offered during the time of the book signing.

Contemporary Dance Co.

The 17th annual Contemporary Dance Company concert, presented at Eisenhower Auditorium, University Park, will include four new works for the company, as well as several repertory pieces. Five choreographers have created the eight dances which will be shown at 8 p.m. Thursday and Friday, March 15 and 16.

Patricia Heigel-Tanner is the artistic director of the company and the choreographer of "Dance Suite." Originally performed in 1989, this confining and flirtatious dance is set to three songs by Frank Sinatra.

The two assistant artistic directors of the company, Elizabeth Limons and Susan Koff, are each presenting several works. Ms. Limons will present "G Song," a new piece with a theme and variation structure, and "Strong Women," a dramatic piece revealing the special preserving strength of women, a personal fortitude which ultimately provides self-fulfillment.

Ms. Koff will present three dances representing her choreographic work over the past two years: "Plateas Majestas" is about strong feelings for a place, culminating in celebration for that majestic location, "Parallel Lives" juxtaposes the lives of a couple with that of a single woman, and "A Little Bach" is a pure movement study exploring elements of the Limon technique.



The Oneota Chamber Players of Iowa will present a concert at 2 p.m. March 18 in Recital Hall of the Music Building.

Casey Sams Bealer is a guest artist working with the company. Her new piece, "Oblations," evokes a ritualistic quality and celebrates the joyful aspects of both awakening self-reliance and group interdependence.

Myra Munchus-Bullock, an artist-in-residence this semester, originally choreographed "A Movement Prayer" in 1978. It is set to a contemporary hymn.

Tickets for the performance are available at the Eisenhower Auditorium Ticket Center, open Monday through Friday from 9 a.m. to 4 p.m. A 15-percent discount is available for groups of 10 or more.

Brass seminar

One of the country's most distinguished hornists will be at University Park Saturday, March 17, to present the University's fifth-annual Brass Performance Seminar.

Louis Stout will headline "A Festival of Horns," which is designed for brass players and enthusiasts, music educators and community members. The program will begin at 9-45 a.m. and end at 6 p.m. in the Recital Hall of the School of Music.

Mr. Stout has played with such leading orchestras as Radio City Music Hall, the Chicago Symphony, the Kansas City Philharmonic and the New Orleans Symphony. He has taught at the Kansas School of Music, the Kansas City Conservatory, the University of Michigan and the New England Music Camp.

In a lecture/demonstration, "The Horn: From the Past to the Concert Hall," at 10-30 a.m., the guest artist will trace the history and development of the French

horn with the aid of his extensive antique horn collection. He also will perform orchestral and solo excerpts on the instruments.

Mr. Stout will perform Hubler's Concerto for Four Horns in an afternoon concert. He will be joined by guest artist Steven Mumford, Penn State faculty member Lisa Bontrager and Penn State alumnus Marti Fucile. Also making an appearance at the recital will be the Penn State Horn Ensemble.

A brass chamber music concert is an additional attraction of the day-long program. Included are performances by the Penn State Trombone Choir, the Nittany Trombone Quartet and Quintessent Brass Quintet.

Sponsored by the School of Music and the International Horn Society, "A Festival of Horns" is free to the public. Registration for the day's activities will be held on site March 17. For more information, call Lisa Bontrager at 865-3221.

Ideal gardens exhibit

Ideal gardens created by a group of landscape architects will go on display at the Palmer Museum of Art on Sunday, March 18, "Transforming the American Garden" will remain at the University Park museum through May 13.

Landscape architect Michael Van Valkenburgh asked professional colleagues to submit a conceptual plan of an ideal garden, reflecting a personal philosophy or particular theme. The exercise brought to reality the dream of many landscape architects—to design a garden free from the constraints of a client or of topography.

The exhibition was organized by the Harvard Graduate School of Design and was made possible, in part, by funds from the George Gund Foundation.

It is free to the public. The museum is open Tuesday through Friday from 10 a.m. to 4:30 p.m., Saturday from 11:30 a.m. to 4:30 p.m. and Sunday from noon to 4 p.m.

Iowa chamber ensemble

The Oneota Chamber Players, in residence at Luther College, Decorah, Iowa, will present a concert at 2 p.m. Sunday, March 18, in the Recital Hall of the Music Building at University Park.

The program will include Walter Rabel's Quartet, Ludwig van Beethoven's Trio for Clarinet, Cello, and Piano, Opus 38, and George Frederick Fuchs's Trio for Clarinet, Violin and Cello.

The four-member ensemble consists of Luther College music faculty Virginia Strauss, violin; Julia Heinen, clarinet; Edward Gant, cello; and John Strauss, piano.

Pianist to perform

Marylene Dosse, concert pianist and associate professor in the School of Music, will give a solo concert at 8 p.m. Sunday, March 18, in the Recital Hall of the Music Building at University Park.

The program will include Gabriel Fauré's Nocturne in D flat major, and Robert Schumann's "Carnaval" in the first half. The second half of the concert will be an all Spanish program. Professor Dosse will perform three pieces from "Iberia" by Isaac Albeniz, "Evocation," "El Puerto" and El Albacin and The Maiden and the Nightingale and El Pelele from the Goyescas by Enrique Granados.

Professor Dosse graduated from the Paris Conservatory with first prizes in performance and chamber music and was awarded a scholarship to study in Vienna with Alfred Brendel and Paul Badura-Skoda.

Prior to joining the Penn State faculty in 1987, she was an artist-in-resident at the University of Wisconsin and taught piano at Indiana University, Bloomington.

18th century music

Mezzo-soprano Janet Berberian will present a recital of 18th-century vocal compositions at 2 p.m. Sunday, March 18, at the Palmer Museum of Art at University Park.

For "Dall'antipasto al dolce," Ms. Berberian will be accompanied by Robert Wilder. The recital complements the current exhibition of 17th- and 18th-century Italian drawings from the Accademia Nazionale di San Luca on display through May 20.

Ms. Berberian's program will include works by Vivaldi, Pergolesi, Handel, Piccini, Paisiello and Cimarosa.

The performance is free to the public.

'Big River'

"Big River" the musical version of Mark Twain's "The Adventures of Huckleberry Finn," will be presented at 3 and 8 p.m. on Sunday, March 18, in Eisenhower Auditorium at University Park.

The musical swept the Tony Awards in 1985, winning seven, including best musical, best score, best book, best direction, best sets and best lighting.

Considered one of the most unforgettable shows in recent Broadway history, the music and lyrics were written by country music composer Roger Miller, following an adaptation of the novel by William Hauptman.

The national touring company coming to Penn State also has received excellent reviews during its year and a half tour. The singing cast will be accompanied by a high-spirited country music band. Along with guitars and keyboards will be a fiddle, harmonica and banjo.

The performance is co-sponsored by WTJ-TV, Channel 10. It is also supported by a grant from the National Endowment for the Arts.

Tickets are available from the Eisenhower Auditorium Ticket Center, open weekdays, 9 a.m. to 4 p.m., or from the Playhouse Box Office, open Tuesday through Friday, 11:30 a.m. to 5:30 p.m.

The arts on Channel 3

Although George Gershwin was only 39 years old when he died in 1937, he left a rich legacy of classical and popular music. *Great Performances* honors that legacy with a special two-part, star-studded salute, "Celebrating Gershwin," airing at 8 p.m. Sunday, March 18.

Mikhail Baryshnikov, Bob Dylan, Liza Minnelli, Madeline Kahn, Julia Migenes, Maureen McCormick, Bobby Shore, Drew Barrymore, Rosemary Clooney, Tommy Tune and Christopher Walken are among the stars singing and dancing to the rhythm of this famous American composer.

Great Performances also presents "Bernstein (Continued on page 5)

The arts at...

Altoona Campus

"Ms. . Conceptions" and "Selections from Three Dimensional Design and Ceramic Arts" are on display through Saturday, March 24, in the McLanahan and Sheetz Galleries of the Community Arts Center at the Penn State Altoona Campus.

"Ms. . Conceptions" brings together the work of Alyce Ritti and Kathleen Fox Ragusa. The second exhibit features selected projects from students of Roger R. Zeller, associate professor of art education at the Altoona Campus.

Great Valley

Penn State Great Valley is hosting "Twelve Paintings by Tim Mark," the first exhibit of talented Delaware County artist Tim Mark,

through April 12 in the main reception area.

Mr. Mark's large canvases include natural scenes from Chester and Delaware counties. Most are oils in the impressionist style and show a high sensitivity to the colors and lighting of the changing seasons.

York Campus

John Waters, acclaimed filmmaker of "Pink Flamingos," "Hairpray" and "Cry Baby," will be featured in "Shock Value: An Evening with John Waters" at 7:30 p.m. Thursday, April 26, in the Conference Center at Penn State York Campus.

His appearance is part of the EXPOSITIONS Lecture Series at the campus.

University Park Calendar

March 15— March 25 Special Events

Thursday, March 15
Bach's Lunch Concert, 12:10-12:30 p.m., Eisenhower Chapel. Penn State Flute Ensemble.
Brown Bag Lunch/Lecture, 12:10-12:50 p.m., Palmer Museum of Art. Elizabeth Walters on "Roman Emperor Art: The Empress' New Clothes."

Office of Religious Affairs, Ethics in America, videotape presentation and discussion, 3 p.m., Eisenhower Chapel. "Truth-telling: Truth on Trial—Ethics in Public Relations."

Austrian Film Week, 8 p.m., 101 Chambers. *Colossus (Kammler)*. Free.

Six Feminist Scholars Lecture Series, 8 p.m., HUB Gallery. Lin Nelson, Central N.Y. Council on Occupational Safety and Health, on "A Matter of Survival: Every Woman's Science and Social Ecology."

School of Music, 8 p.m., Recital Hall. Michael Ericson, oboe.

Friday, March 16
Trustees meet at Hershey, through March 17. *Coffee Hour*, 4 p.m., 319 Walker. Peter Webster on "Exploring Earth's Boiler Cook." German Films, 8 p.m., 101 Chambers. *Der Kommissar und sein Narr* (1981).

Austrian Film Week, 8 p.m., 110 Wartik. *Damsch* (1970). Free.

Saturday, March 17
School of Music, 10 a.m.-4 p.m., Recital Hall. Brass Performance seminar, registration, 865-3221; 10:30 a.m., Louis J. Stout on "The Horn: From the Forest to the Concert Hall." Shaver's Creek, Maple Harvest Festival, 11 a.m.-4 p.m., also March 18. Call 863-2000.

Austrian Film Week, 8 p.m., 110 Wartik. *Malambo und Student Gerber*. Free.

Sunday, March 18
Janet Berberian, mezzo-soprano, on "Dall'antipasto al dolce," 2 p.m., Palmer Museum of Art.
School of Music, 8 p.m., Recital Hall. Onesto Chamber Players.

Center for the Performing Arts, 3 and 8 p.m., Eisenhower Aud. "Big River."
Carnegie Hall Film Series, 7 p.m., *Bad Timing: A Sexual Obsession* (1980); 9:15 p.m., *Hospital* (1970). 4 Carnegie. Free.
School of Music, 8 p.m., Recital Hall. Marylene Dosse, piano.

Monday, March 19
Kern Graduate Commons, noontime concerts.
Robert Lobby. State College Suzuki performance.
Comp. Lit. Luncheon, 12:15 p.m., 101 Kern.
Daniel Walden on "Chain Potok's New Book: *The Gift of Asher Lev*—A Preview."
Contemporary Scholarship on Lesbian and Gay Lives Speaker Series, 7 p.m., HUB Assembly Room. Rich Savin-Williams, Cornell Univ., on "Gay and Lesbian Youth: Expressions of Identity."

School of Music, 8 p.m., Recital Hall. Thaddeus Brys, cello.
German, lecture, 8 p.m., Rare Books Room, W342 Palmetto. Don Yoder on "Fraktur: The Manuscript Art of the Pennsylvania Germans."

Tuesday, March 20
Lesbian and Gay Film Festival, 7 p.m., 12 Sparks. *Scissors*.



'Roman Portraits,' an exhibit of sculptures depicting Roman leaders of long ago, is on display in the Palmer Museum of Art through April 22. (Photo: Scott Johnson)

Wednesday, March 21
Faculty Women's Club. Brown Bag Lunch, 11:30 a.m.-1:30 p.m., Room 301 HUB. Mick Snyder on "What is the Key to Surviving Aging? Can We All Avoid Aging? What Can We Do?"

American Studies Program, 12:30 p.m., 305 HUB. Chaim Potok on "A Multicultural Modernist: Exploring a Contradiction." Also 8 p.m., Schwab Aud., on "In Quest of Asher Lev."

Gallery Talk, 8 p.m., Palmer Museum of Art. Jeanne Chesnut-Foster on "Drawings of the International Baroque at the Accademia Nazionale di San Luca in Rome."

Thursday, March 22
Careers in the Visual Arts, 10 a.m., Palmer Museum of Art. Dan Brody.
Bach's Lunch Concert, 12:10-12:30 p.m., Eisenhower Chapel. Penn State Concert Choir.
Photography Lecture Series, 8 p.m., Rare Books Room. Pattee Library. Audrey Linkman, Documentary Photography Archive, Manchester, England, on "The Inherent Photographer in 19th Century Britain."

John R. Bracken Lecture Series, 8 p.m., Schwab Aud. A.E. Bye on "Abstracting the Landscape."

Friday, March 23
Coffee Hour, 4 p.m., 319 Walker. Chris Justice, NASA's Goddard Space Flight Center, on "Remote Sensing Environmental Degradation in Sub-Saharan Africa."

School of Music, 8 p.m., Recital Hall. Philharmonic Concerto Concert.

Saturday, March 24
Shaver's Creek, 9:30 a.m.-5 p.m., Potato Basket Workshop. Call 863-2000.
School of Music, 8 p.m., Recital Hall. Penn State Hom Ensemble.

University Concert Committee, 9 p.m., Eisenhower Aud. Al Di Meola and Stanley Jordan.

Sunday, March 25
Shaver's Creek, 2-4 p.m., Bringing Wildlife to "Your Back Yard." Call 863-2000.
Central Pennsylvania Society, American Institute of Archaeology, 2:30 p.m., Palmer Museum of Art. Ross Holloway, Brown Univ., on "Architecture and Politics in Early Greek Sicily."

Carnegie Hall Film Series, 7 p.m., *Balloon* (1943); 9 p.m., *The Forest of Bliss* (1987). 4 Carnegie. Free.

Center for the Performing Arts, 8 p.m., Eisenhower Aud. The Academy of St. Martin in the Fields Octet.

International Events

Fullbright Informal Lecture
William Pencak, Cuyamaca Campus, will speak on "Mexican Perspectives on American Foreign Policy: The View from Monterrey" from 4 to 5 p.m. Tuesday, March 27, in 222 Boucke.

Public Radio

WPSU-FM 91.1
"All Things Considered," Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m.
"Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Robinson.
"Perspectives," 6:30 p.m. Wednesdays, with Jeff Ballou. "Creative License," 12:30 p.m. Thursdays, with Aaa Berlin and Pam Saulnier.

Conferences

Continuing Education
Killer Building
March 20-23. Fermentation Methods and Scale-Up Strategies Workshop. Jim Shillenn, coordinator, energy technology project, in charge. Eric Logo, coordinator.
March 21. Effective People Management. Jerri Milson, coordinator.
March 22-23. Rural Transportation Assistance Program. James H. Miller, associate professor of business logistics, chairman; Barbara Impellitteri, coordinator.
March 22-25. LABASH '90. Kelleann Foster, assistant professor of landscape architecture, chairman; Jack Sinclair, coordinator.

Seminars

Thursday, March 15
Ecology, 3:35 p.m., 111 Wartik. Warren Abrahamson, Bucknell Univ., on "Elements of

Herbivore-Plant Evolution: Goldenrod-Bullgall System."

Friday, March 16
Dotterer Lecture, 4 p.m., 101 Kern. Jeanne Hersch, Univ. of Geneva, Switzerland, on "The Time of Consciousness: the Time of Nature, and the Time of History."

Monday, March 19
Entomology, 3:45 p.m., 204 Patterson. Colin Nichols-Orlans on "Interactions Among Environment, Foliar Tars, and Leaf Selection by Leaf-cutter Ants in Costa Rica."

Tuesday, March 20
Gerontology Center Colloquia, noon-1 p.m., 101 Health and Human Dev. Bldg. East. Mary Ann Paris Stephens, Kent State Univ., on "The Role of Family Caregiver: Its Rewards and Costs."

Chemistry Colloquium, 3:30 p.m., 55 Osmond Lab. Tobin Marks, Northwestern Univ., on "Rational Design and Synthesis of Polymers with Unusual Optical and Electrical Properties."

Wednesday, March 21
Accounting and MIS Research Colloquium, 3-5 p.m., 333 Beam. Steve Penman, Univ. of California-Berkeley, on "Financial Statement Analysis and the Pricing of Earnings."

Thursday, March 22
Polymer Science, 9 a.m., 101 Steidle. W.J. MacKnight, Univ. of Massachusetts, on "Liquid Crystal Polyurethanes: Structure and Properties." Physics Colloquium, 3:30 p.m., 55 Osmond Lab. Sally Dawson on "Higgs Boson and Standard Model Physics."

Ecology, 3:45 p.m., 111 Wartik. Charles Yohn on "Seed Predation in Amazonian Forests." Mechanical Engineering, 4 p.m., 103 Mechanical Engineering. Robert F. Boehm, Univ. of Utah, on "Flow Problems in Porous Media." Social History Colloquium, 4 p.m., Rare Books Room. Pattee Library. Benjamin Johnson, Univ. of Iowa, on "Free Time and the Right to Work: The New Deal and After." Art History, history of photography lecture, 8 p.m., Rare Books Room, Pattee Library.

Exhibits

Chambers Gallery:
School of Visual Arts, Undergraduate Graphic Design and Metals Exhibition, through April 6.
HUB Galleries
Federal Gallery
Dept. of Landscape Architecture, To Design a Monument: Three Design Competitions, through March 25.

Kern Galleries
College of Science Research Exhibitions, through March 20.
Graduate Research Exhibition, March 23-24.
Palmer Museum of Art
Roman Portraits, through April 22.
Figurative Drawings of the 17th and 18th Centuries from the Accademia Nazionale di San Luca in Rome, through May 20.
Transforming the American Garden, from March 18 through May 13.
Zoller Gallery
Undergraduate Juried Exhibition, through March 30.

TIPS

Information Penn State
Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather-234; Arts-Line-345; University Calendar-456.

Focus on the arts

(Continued from page 4)

at 70" airing at 9 p.m. Monday, March 19. Stars from Broadway, classical and pop music join the Boston Symphony Orchestra at its summer home, the Tanglewood Music Festival, in a gala 70th birthday salute to the legendary American composer and conductor.

Playing to Win, airing at 10:30 p.m. Wednesday, March 21, documents from start to finish the four-day D'Angelo Young Artist Competition.

Under the direction of Sam Rotman, director of the D'Angelo School of Music at Mercyhurst College, Erie, Pa., the competition has been a stepping stone for a number of artists, including sopranos Susan Dunn and Barbara Kiddoff and violinist Paul Neubauer.

Joint concert

Cello Thaddeus Brys, professor emeritus of cell and chamber music at Louisiana State University, and pianist Susan Brys will present a concert at 8 p.m. Monday, March 19, in Recital Hall of the Music Building at University Park.

The program will include works by Stravinsky, Chopin, Shostakovich and Casacco.

Mr. Brys has performed throughout the United States and in Europe, Canada, Mexico and South America. He has been a soloist with The Little Orchestra Society of New York and with numerous symphonies in the South.

Ms. Brys has toured as an accompanist and chamber player throughout the United States and Europe. A former member of the Baton Rouge Symphony, she studied

piano with Nadia Reisenberg and Arthur Balsam in New York City and Blue Hill, Maine.

Mixed media artist

Mixed media artist Petah Coyne will be at University Park March 19-21.

She will present a public lecture on her work at 12:30 p.m. Tuesday, March 20, at the Palmer Museum of Art. As part of the School of Visual Arts' Visiting Artist Program, she will give seminar talks at 7:30 p.m. Monday and Tuesday, March 19 and 20, in 215 Willard Building Scholars Lounge.

Committed to establishing intimacy with her audience, Ms. Coyne believes that "really good work will hit a core inside anybody."

She uses a mixture of materials, including

mud, roots, twigs, clumps of earth, rope, tar, wire, resin and wax to evoke a swampy, almost claustrophobic sense of instinct that is free from the constraints of reason and morality, yet open to wildness and violence.

Ms. Coyne has been the recipient of many grants and awards, including a Guggenheim Fellowship, a Massachusetts Arts Council Award and a New York State Arts Fellowship. Her talks are free and open to the public.

Chaim Potok

Noted author Chaim Potok will visit University Park Tuesday and Wednesday, March 20 and 21, giving talks and meeting with students. He previously visited in 1985.

(Continued on page 7)

Partings

John H. Doolittle, associate professor of exercise and sport science in the College of Health and Human Development, has retired after 26 years service.

Professor Doolittle joined the University in 1963 as instructor and assistant track coach in the former College of Health, Physical Education and Recreation. He was promoted to assistant professor in 1966 and has been associate professor since 1971.

While at Penn State, Professor Doolittle chaired the President's Commission on the Physically Handicapped Student and coordinated a comprehensive report on Penn State students who are physically disabled. He also co-founded and advised the Penn State Wheelchair Sports Club and the disabled student group ABLED.

A nationally known specialist in adapted physical education, Professor Doolittle was project director and host for 17 half-hour television shows on that subject. He has written numerous research articles and two books, including *Challenging to Change and The New Challenger*, published by the Pennsylvania Department of Education.

His commitment to volunteer service has been recognized by many organizations, including the Pennsylvania Association for Retarded Citizens, which named him its Volunteer of the Year in 1989. He also served as president of the board of directors of the Pennsylvania Easter Seal Society and was a member of its National House of Delegates.

He organized Centre County's first Special Olympics competition in 1969 and served as director of the Pennsylvania Summer Games of the Special Olympics in 1988.

Prior to coming to Penn State, he was athletic director, assistant professor, basketball and track coach for Panzer College in East Orange, NJ. He holds a bachelor's degree in health and physical education from Panzer College and a master's degree in adapted physical education from New York University.

Ruth F. Funk, regional director for the Northeast Extension Region of Pennsylvania, has retired after 31 years service with Penn State Cooperative



John H. Doolittle

Extension.

She was promoted to her current position in 1987 from assistant director for the Northeast Region, a position she had held since 1972. Since her original director's appointment, the Northeast Region has increased from seven to 17 counties.

"A new reorganization plan has been initiated about every five to six years during my tenure, but our mission of 'helping people to help themselves' has remained the main focus for extension's existence," she says. "It's the people that make the difference. The rewards for me have been watching people develop and grow in their leadership skills."

"Unlike production agriculture, development of people cannot be measured in monetary terms. I deem it a privilege to have spent the last years of my career in the Northeast Region working with the staff and clientele."

Mrs. Funk also worked closely with the Pennsylvania Association of Extension Home Economists and Penn State administrators in establishing the Pennsylvania Extension Paraprofessional Association. Previously, she taught home economics in Beaver Area Senior High School.

Mrs. Funk received a bachelor of science



Ruth F. Funk

degree in vocational home economics from Indiana University of Pennsylvania and a master of education degree in secondary education from Penn State.

In 1973, she was awarded a Farm Foundation Scholarship to attend Colorado State University. She also has received Distinguished Service Awards from the National Association of Extension Home Economists and Epsilon Sigma Phi, an extension honorary society.

She resides in Pennsylvania Furnace.

Donald Krebs has retired from the University following 31 years of service as a photographer in the College of Earth and Mineral Sciences.

A native of State College, Mr. Krebs received his training at the Baltimore Institute of Photography and through apprenticeship with the late Robert Breon Sr., a well-known local photographer. He operated Breon's studio in Lock Haven for two years, before returning to the Penn State Photo Shop -- Breon's portrait and commercial photography studio.

In 1958, he joined the University as a professional photographer on the staff of the newly established Coal Research Section in the College of Earth and Mineral Sciences. By 1987, when the Coal Research



Donald Krebs

Section was expanded and reconstructed as the Energy and Fuels Research Center, Mr. Krebs was not only photographer and artistic adviser to the Center, but also in many respects photographer to the college.

Over the years, Mr. Krebs created a valuable photomicrograph collection for illustrating the vast variety of color and form assumed by coal when viewed in thin section.

In the 1960s, he was a member of a film team using time-lapse cine-photomicrography and other creative techniques to show how coal particles behave when heated in an electric furnace: the 30-minute film, "Thermal Behavior of Coal Constituents," is still used around the world today.

Mr. Krebs has assisted graduate students and faculty throughout the college with technical help and artistic advice on the preparation of these, presentations, and research publications.

Away from the studio, he is well-known locally as a musician. He has played drums since high school and has played frequently on campus and at fraternities. In retirement, he will still be based in State College and continue his interests in photography and music.

Penn Staters

Howard G. Knuttgen, director of the Center for Sports Medicine, presented a lecture on "Physiological Adaptations of Skeletal Muscle to Physical Exercise" for the faculty of medicine at the University of Amsterdam, Netherlands.

Rustum Roy, Evn Pugh professor of the solid state at the Materials Research Laboratory and director of the Science Technology and Society Program, was one of five foreign experts who addressed the International Symposium on Advanced Materials and Issues of Science/Technology Policy in Tokyo. The symposium was organized by the International Technology Forum in cooperation with the Engineering Academy of Japan.

Inyong Ham, FANUC professor in the College of Engineering, presented the keynote address for the Science and Technology Promotion Conference in Seoul, Korea. Dr. Ham also has been selected to receive the 1990 Albert M. Sargent Progress Award, one of seven international honor awards presented annually by the Society of Manufacturing Engineers.

Gordon Hamilton, professor of chemistry, gave an invited plenary lecture and an invited symposium lecture at the Australian Biochemical Society meeting in Queensland.

Australia. He also gave an invited plenary lecture at the International Symposium on Biological Oxidation Systems in Bangalore, India.

Howard F. Kingsbury, associate professor of architectural engineering, has been elected a Fellow of the Acoustical Society of America for his contributions to architectural and mechanical systems acoustics and acoustical education.

Angharad N. Valdivia, instructor in mass communications, presented a paper titled "Women and the Press: A Comparative Analysis of Nicaragua and the U.S." at a meeting of the American Studies Association in Toronto, Canada.

Daniel Walden, professor of American studies, English and comparative literature, gave a talk titled "Ethnic Formation in the United States" at the American Studies Association Conference in Toronto, Canada.

Joseph A. Dixon, professor emeritus and former head of the Department of Chemistry, has been elected chairman of the Board of Directors of the American Chemical Society. The American Chemical Society, with approximately 140,000 members, is the world's largest scientific professional organization.

David Charney, assistant professor of English, was among the winners of the 1989 Awards for Excellence in Technical and Scientific Writing, sponsored by the National Council of Teachers of English. An article co-written by Dr. Charney, "Studies of Elaboration in Instructional Texts," was named Best Article Reporting Formal Research in Technical or Scientific Communication.

Vicki L. Golich, assistant professor of political science, has been appointed a member of the Aviation Economics and Forecasting Committee of the National Research Council's Transportation Research Board.

Edward Allen Brawley and **Emilia E. Martinez-Brawley**, professors of social work, conducted research on the social services in Spain and presented papers at the Escola Universitaria de Treball Social, Barcelona; Consejo Superior de Investigaciones Cientificas, Madrid; Centro de Estudios de las Cinco Villas, Zaragoza, and the Institut Catala de Assists i Serveis Socials, Girona.

Judith Kelly, assistant director in the Department of Independent Learning, has been elected secretary of the Division of Independent Study, National University Continuing Education Association, for 1990.

Edward S. Beck, coordinator of counseling programs and affiliate assistant professor of psychology at Penn State Harrisburg, has been elected to a three-year term on the Directorate Body of the Commission on Counseling of the American College Personnel Association.

Linda Maxson, professor and head of the Department of Biology, has been elected 1990-91 president-elect of the Society for the Study of Amphibians and Reptiles (SSAR).

Lyle Merriman, director of the School of Music, has been re-elected to a three-year term on the Graduate Commission of the National Association of Schools of Music.

C.R. Rao, professor of statistics and holder of the Eberly Chair in the College of Science, received D.Sc. honoris causa of the Indian Statistical Institute and delivered the convocation address titled "Taming of Uncertainty: A Triumph of the Present Century."

John Riew, professor of economics, presented a co-authored paper, "Tax Policy and Business Investments: The Case of Manufacturing Industry in Taiwan," at the Conference on Tax Policy and Economic Development among Pacific Asian Countries held in Taipei.

Richard Frautschi is honored by government of France

Richard L. Frautschi, professor of French, has been awarded the title of Officer of the Order of the Academic Palms by the government of France.

The *palmes academiques* decoration was presented to Dr. Frautschi by Michel Oriano, cultural counselor at the French Embassy in Washington, D.C., and professor of American studies at the University of Paris VII, who conferred the award on behalf of the French minister of national education.

The ceremony took place at University Park on Feb. 20. Mr. Oriano conducted the ceremony in front of the University and community friends, colleagues and students attending. Dr. Frautschi was nominated for the award by Gerard J. Brault, acting head of the French Department and holder of the *palmes academiques*. The award was instituted under Napoleon in 1808.

Dr. Frautschi was honored for his

achievements as a scholar of French Renaissance and Enlightenment. He formerly headed the French Department for 19 years and now is an active member of the department.

The special ceremony was conducted in conjunction with activities planned by the University's Ad Hoc Intercollegiate Committee on the Bicentennial of the French Revolution, chaired by Monique Yaari, associate professor of French.

The committee arranged a number of events to celebrate the bicentennial at Penn State. Among them were the planting of a "Liberty Tree" in front of the Art Education Crafts Building at University Park, lectures and films. Mr. Oriano dedicated a plaque that will be affixed to the ground next to the crabapple tree.

In addition, a University team lead by Donald Kunst, assistant professor of architecture, constructed "The Revolution



Richard L. Frautschi (left) and Michel Oriano

Machine," an architectural machine designed to allow viewers to experience the French Revolution. On display in Kern Building, "The Revolution Machine" is seeking a permanent display in a museum. The machine's creators presented Mr.

Oriano with a plaque reading: "The Revolution Machine; dedicated to the people of France on the occasion of the Bicentennial of the Fall of the Bastille, July 14, 1789."

Focus on the arts

(Continued from page 5)

On Wednesday at 12:30 p.m., he will speak on "A Multicultural Modernist: Exploring a Contradiction" during the Comparative Literature Luncheon in 305 Hetzel Union Building. At 3:30 p.m., he will be available for an open discussion with graduate students in the Rare Books Room in Pattee Library. At 8 p.m. in Schwab Auditorium, he will discuss "In Quest of Asher Lev."

He also will give a lecture at 8 p.m. Tuesday on "A Writer in Two Cultures" at the Jewish Community Center, 620 E. Hamilton Ave., State College.

All events are free to the public. His visit is sponsored by the American Studies Program, the departments of English and Comparative Literature, Colloquy, the College of the Liberal Arts, the School of Communications, the Jewish Community Center and the Hillel Foundation.

Mr. Potok is author of the novels *The Chosen*, *My Name is Asher Lev*, and *David's Run*. His *Chosen*, published in 1967, is perhaps his best known work and was made into a movie starring Robbie Benson in 1981. His newest book, *The Gift of Asher Lev*, will be published in May.

An ordained rabbi since 1954, he writes novels examining the conflicts of Jews caught between the orthodox bonds of their religion and the demands of modern society.

Odyssey on WPSU

Comparative Literature graduate student Charles Kraszewski presents his translations of modern Polish and Czech poems on "Artificial Respiration," the next episode of "Odyssey Through Literature" on WPSU.

Mr. Kraszewski follows George Steiner's theory of translation, that the translator's aim is to recreate the original verse. The translation is a new poem: Not an equation but an equivalent. "It is a betrayal of the translator's work if he tries to bring over the music of the original language," he says. But a successful translation should have the same effect on the person reading it in English as the original had in Polish or Czech.

On "Odyssey Through Literature," Mr. Kraszewski reads his translations of parts of Stanislaw Baranczak's 27-canto cycle, "Artificial Respiration," a poem written in the 1970s ("a very hectic period in Polish history") which was officially censored and became known only by being passed from hand to hand. Mr. Kraszewski also reads from Jan Zahradnicki's "The Sign of Power." Zahradnicki, a modern Czech mystic, was imprisoned as a danger to the state because of his poetry.

"Odyssey Through Literature" is produced by the Comparative Literature Department and airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Art lecture

Jeanne Chenuat Porter, associate professor of art history, will give the lecture "Drawings of the International Baroque at the Accademia Nazionale di San Luca in Rome" at 8 p.m. Wednesday, March 21, at the Palmer Museum of Art at University Park.

The lecture complements the current exhibition at the museum, "Figurative Drawings of the 17th and 18th Centuries from the Accademia di San Luca in Rome," which will be on display until May 20, when it will move to the National Academy of Design.

The exhibition is a collection of works from student competitions held at the Accademia di San Luca every 70 years period. Students were required to submit drawings on assigned themes, usually historical, mythological or religious in nature.

Greek poet to visit

Katerina Angelaki-Rooke, Greek poet and lecturer, will visit University Park Thursday and Friday, March 22 and 23.

Ms. Angelaki-Rooke will give a poetry reading in the Rare Books Room in Pattee Library at 4 p.m. March 22, followed by a reception at 4 p.m. On March 23 at 4 p.m., she will lecture on "Contemporary Greek Women Writers" in the Women's Studies Lounge, followed by a reception. The reading and lecture are open to the public.

The author of nine books of poetry, Ms. Angelaki-Rooke has won the Greek National Poetry Award twice, has received Ford Foundation grants, and was a Fulbright Visiting Lecturer to the United States in 1980-81.

Her visit is sponsored by Women's Studies, the Comparative Literature Department and the Institute for the Arts and Humanistic Studies.

Museum lecture

State College photographer Dan Brody will discuss career opportunities for photographers at 10 a.m. Thursday, March 22, at the Palmer Museum of Art at University Park. His talk is part of the continuing series "Careers in the Visual Arts."

Concert choir

The Penn State Concert Choir will perform in concert at 12:10 p.m. Thursday, March 22, in Eisenhower Chapel at University Park. The 20-minute concert is part of the spring Back's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The program will include a transcription for voices of *Adagio for Strings* by Samuel Barber. The text set to this piece is the Agnus Dei.

The Concert Choir is composed of 70 voices and is directed by D. Douglas Miller, faculty member in the School of Music. Both music and non-music majors sing in the choir.

Bracken Lecture

Arthur Edwin Bye Jr., Fellow of the American Society of Landscape Architecture, will be the final speaker in the Department of Landscape Architecture's 1989-90 Bracken Lecture Series.

His talk, "Abstracting the Landscape," will be presented at 8 p.m. Thursday, March 22, in Schwab Auditorium at University Park.

Mr. Bye graduated from Penn State in 1942 with a degree in landscape architecture and established his own firm, A.E. Bye and Associates, in 1951. During his career he has worked on private, public and corporate commissions often with America's most prominent architects. Today he is widely recognized as one of the leading contemporary landscape architects.

In addition to his practice, Mr. Bye has taught landscape architecture at The Cooper Union in New York, Columbia University and the University of Pennsylvania. A major exhibition of his work will open at the Palmer Museum of Art in January 1991.

Mr. Bye will be honored by the Department of Landscape Architecture as the 1990 Bracken Fellow. The Bracken Lecture Series are made possible by an endowment created by former department head John R. Bracken.

Illustrated lecture

Audrey Linkman of Manchester, England, will present an illustrated lecture titled "Itinerant Photographers of the 19th Century" at 8 p.m. Thursday, March 22, in the Rare Books Room of Pattee Library at University Park.

Ms. Linkman will trace the emergence of itinerant photographers, who modeled their work on that of itinerant traders and entertainers, and who introduced instant photographs at centers of popular entertainment, such as fairsgrounds, racetracks, parks and beaches.

The lecture is co-sponsored by the Institute for the Arts and Humanistic Studies and the Department of Art History.

Concerto competition

The Penn State Philharmonic will present its annual Concerto Competition Concert at 8 p.m. Friday, March 23, in the Recital Hall of the Music Building at University Park.

The concert will feature winners of a competition held in January among Penn State students studying with faculty members in the School of Music. Winners

include Richard Frankenthal, piano, student of Marylene Dosse; Jeff Parker, tuba, student of Mark Lusk; and Janet Louise Smith, flute, student of Eleanor Armstrong.

The concert program will include a movement of Saint-Saens' Piano Concerto No. 2 by Mr. Frankenthal; two movements of Vaughan Williams' Tuba Concerto, by Mr. Parker and conducted by Alex Hill; and a movement of Mozart's Flute Concerto No. 2 by Ms. Smith. The concert will conclude with the final movements of Tchaikovsky's Symphony No. 4.

The Philharmonic is conducted and directed by Douglas Meyer, faculty member in the School of Music.

Slavic Folk Festival

The 12th annual Penn State Slavic Folk Festival will be held from 10 a.m. to 10 p.m. Friday, March 23, and Saturday, March 24, and from 1 to 6 p.m. Sunday, March 25, in the ballroom of the Hetzel Union Building at University Park.

There will be exhibits and demonstrations of folk arts and live performing groups, as well as book, souvenir and artifact booths. A snack bar will serve ethnic foods.

Special events for children are scheduled for Friday morning. The Polka Players will present music for listening and dancing from 8 to 10 p.m., and several dance contests will be held during the evening.

The Saturday show will start at 1 p.m. with Czechoslovak dancers from Endicott, N.Y. "Slavjane," a Carpatho-Rusyn troupe from Pittsburgh, will perform a suite of dances, and a Byelorussian vocal soloist from New York City will be featured. The "Kazka" Ukrainian dancers from Wilkes-Barre and "Seemadjia," a Serbian ensemble from Cleveland, Ohio, will round out the performance.

Saturday evening will feature a Polish dance ensemble from Houtzdale, Pa., at 6:30 p.m. followed by the Penn State International Dancers. "Zima" East European Ensemble will play for dancing and listening from 8 to 10 p.m.

The Sunday program begins at 1 p.m. and features "Limboza," a Slovak dance troupe from New York City. Also performing will be the St. Michael's Ukrainian dancers from Frackville, Pa., and the Serbian ensemble.

Hot foods will be available on Friday and Saturday from 11 a.m. to 2 p.m. and 5 to 8 p.m. Hot and cold beverages and pastries will be available throughout the festival.

The event is co-sponsored by the Department of Slavic Languages, headed by William R. Schmalstieg, and Kappa Kappa chapter of Dobro Slovo, the national Slavic studies honor society. Lorraine Kapitaniou, chapter adviser, is the festival coordinator.

There is no admission charge, and the public is welcome.

Ground broken at York Campus

President Jordan joined University and community officials in groundbreaking ceremonies March 8 for a new academic building at the Penn State York Campus. The event culminated more than two years of capital fund raising in the community to provide the \$2 million required to fund the project.

The new building will include two mainframe laboratories connected with the University's mainframe computers, one personal computing classroom, a consultant's office and appropriate support facilities. In addition to the computer facilities, the first floor of the building will include two critically needed lecture classrooms, both able to accommodate 35 students along with a student study and vending machines.

On the second floor, 25 single, two double and four triple faculty offices will be constructed, eliminating a long-standing

need to improve the working environment for full-time faculty. There also will be a faculty lounge and a student study/waiting area.

A new campus bookstore will be attached to the new building and will share entrance and vestibule areas. The bookstore portion of the new structure will be funded by the University's bookstores.

The \$2 million campaign was the third successful fund raising effort the Penn State York Campus has conducted in the community in the past 25 years. The last project, a \$750,000 campaign for the construction of a Student Center, was from 1974-76 with dedication of the center in 1977.

Construction on the new building is expected to start in late March or early April with completion expected by early spring 1991.



York Campus ground breaking participants are, from left, President Jordan, SGA President T.J. Brightman, Ralph Swenson, campaign chairman, and John J. Romano, campus executive officer.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion may APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0004, NETWORK LINE 435-0304. Applications for these staff vacancies will be accepted until March 22. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment practices (PE-1) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

• Undergraduate Studies Writer/Advisor, Undergraduate Education, Division of Undergraduate Studies (DUS), University Park

Campus - Responsible to the assistant director for organizing and coordinating DUS communications activities consistent with DUS goals and objectives, for providing advice and assistance to DUS staff concerning communications programs and for providing academic and educational advising to undergraduate students. Requires master's degree, or equivalent, and one to two years of effective experience. Excellent verbal and written communication skills and knowledge relevant to academic advising are required. STAFF GRADE 7.

• **Administrative Aide, Arts and Architecture, Department of Theatre Arts, University Park Campus** - Responsible to the head, Department of Theatre Arts, for handling a wide range of administrative responsibilities relating to the academic and production programs of the department, including support services of the department and its programs, special projects, communications, public relations, University Resident Theatre Co. and Pennsylvania Centre Stage. Requires bachelor's degree, or equivalent, plus one to two years of effective experience in

administration. Theater administration work preferred. Excellent communication and interpersonal skills required. EVENING AND WEEKEND HOURS MAY BE REQUIRED. STAFF GRADE 5.

• **Support Center Specialist, CES, Management Systems, University Park Campus** - Responsible to the coordinator, Support Center, for providing first-line liaison with and assistance to CES personnel using data processing systems. Duties include assisting in planning and conducting training sessions and helping to resolve hardware and software problems. Occasional travel to CES locations required. Requires associate degree, or equivalent, in computer science or related field and two to four years of effective experience in a data processing/telecommunications environment, and the ability to communicate technical information and relate in a positive manner to diverse clientele. STAFF GRADE 5.

• **Assistant Manager, Ice Pavilion, Auxiliary Recreation Services, University Park Campus** -

Responsible to the manager, Ice Pavilion, for providing managerial assistance in the operation of the Ice Pavilion. Develop, maintain and/or conduct ice hockey programs for University and non-University participants. Responsible for all publicity, advertising, public relations programs and records for the Ice Pavilion hockey program. Requires bachelor's degree, or equivalent, in recreation and parks, physical education or business administration, as well as two years of effective experience in ice rink operations and ice hockey program administration. STAFF GRADE 5.

• **Network Support Specialist, College of Medicine, The Department of Surgery, The Milton S. Hensley Medical Center** - Responsible to the director of administration/surgery for installation and operation of departmental computer network systems, training of departmental support staff, as well as hardware and software solutions for the department. A working knowledge of various software programs such as Lotus 1-2-3, WordPerfect and/or D-Base III is required. Requires bachelor's degree, or equivalent, in computer science, plus one to two years of effective experience. STAFF GRADE 6.

• **Coordinator, Academic Support Services, Shenango Campus** - Coordinate all Learning Center operations. Work with faculty to integrate computer education into the curriculum. Work with remedial/developmental faculty to integrate computer-assisted instruction into developmental courses. Serve as primary resource person researching and recommending academic computer and related hardware/software acquisitions. Requires master's degree, or equivalent, in computer-based or developmental education or related field, plus three to four years effective experience. Doctorate preferred. THIS IS A RE-ANNOUNCEMENT. STAFF GRADE 7.

• **Maintenance Foreman, Schuylkill Campus, Physical Plant** - Responsible to the assistant to the director of business services for planning, scheduling and supervising maintenance, repair and upkeep activities of the Schuylkill Campus physical plant and facilities, including Advisory Board Apartments. Requires high school graduate, or equivalent, plus three to four years of effective experience in building and grounds maintenance and/or construction. Must possess good interpersonal skills; supervisory experience is highly desirable. STAFF GRADE 5.

Nominations sought for Nittany Lion Inn post

Applications and nominations are being requested for the position of general manager of The Nittany Lion Inn to replace James J. Raytek who announced his plans to leave his position at the Inn as of April 30 to pursue other professional and business interests.

Mr. Raytek served the Inn for 22 years and in various capacities. As a student in Penn State's Hotel Management Program, he worked throughout the Inn's food service areas.

After graduation with B.S. and M.S. degrees in 1965 and 1967 respectively, he spent five years during the VietNam conflict as a registered dietitian in the Army Medical Specialist Corps, attaining the rank of captain. Following his military service, he returned to the University and The Nittany Lion Inn as food and beverage manager, a position he held until 1984

when he was named general manager.

Reflecting on his years at The Nittany Lion Inn, Mr. Raytek said, "To have graduated from Penn State and to have had the opportunity to serve the University and its guests for over 20 years has been a privilege."

"Jim Raytek has devoted a major portion of his professional career to Penn State," said Steve Garban, senior vice president for finance and operations, as he announced Mr. Raytek's resignation. "Most recently, Jim has been instrumental in the development of the plans for the expansion of The Nittany Lion Inn, and we thank him for his very valuable input."

In addition, Mr. Raytek was responsible for initiating a number of improvements throughout the Inn, including the installation of automated systems to enhance guest services in the food service,

telephone, office and accounting operation areas, and he instituted various programs to recognize current and former employees, as well as the needs of students in HRIM.

Additionally, he designed programs in quality assurance, customer service, marketing and human relations.

Applicants and nominees should have significant previous experience related to hotel operations, including budgeting, forecasting, operations management, marketing, and personnel management. Excellent interpersonal, oral and written communications skills, and a bachelor's degree, or equivalent, in hotel, restaurant, and institutional management, or related field required.

Applications and nominations should be sent to the Employment Division, Box 6, Rider Building, University Park, Pa. 16802.

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7517.

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LOANER PROGRAM

The Center for Academic Computing has established an Apple Faculty Loaner Program. See story on page 3.

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INTERCOM

March 22, 1990

Volume 19, Number 26

Information submitted for publication in *Intercom* is due by noon on the Thursday before publication.

Trustees approve name change for College of Science

The Board of Trustees at its meeting March 17 approved renaming the University's College of Science to honor one of its most generous benefactors.

The new name, the Eberly College of Science, recognizes the outstanding support given to the college and the University by the Eberly Family Charitable Trust of Uniontown, according to President Jordan.

"The Eberly family has helped Penn State to make unprecedented strides in strengthening the quality of its programs in the biological, mathematical and physical sciences," Dr. Jordan said. "The University is delighted to extend this permanent recognition of their philanthropy."

The Trustees' action marks the first time that Penn State has changed the name of an academic college to honor a benefactor.

"This is a milestone in our University's history, one that calls attention to the critical role that private support plays in

our efforts to secure Penn State's place as one of America's best public research universities," Dr. Jordan noted.

Penn State is the first public research university in the United States to name its basic science college for a benefactor or philanthropist, according to a survey of institutions belonging to the Association of American Universities.

In 1986, the Eberly trust gave the University \$10 million. The gift established eight faculty chairs, one in each of the college's academic departments. It was the first time in higher education philanthropy that an academic college received, in a single gift, an endowed chair for every department.

In addition, \$1 million was designated for programs at the Biotechnology Institute, and \$1 million created an endowment for instruction and research in science at Penn State Fayette Campus.

The gift was part of The Campaign for Penn State, the University's successful \$300 million fund-raising effort. Robert Eberly, a 1939 Penn State graduate in chemistry and trust manager of the family trust, serves as campaign treasurer. He also is chairman of the board of Gallatin National Bank of Uniontown.

"The Eberly Family Chairs are enabling our college to attract and retain faculty whose achievements have been recognized worldwide," Dean Gregory L. Geoffroy said. "Their presence makes Penn State more competitive in attracting high-quality students and major research grants and contracts."

The Eberly Family Chairs in astronomy, biology, chemistry, statistics and mathematics have been filled. Searches are under way for appointees to the chairs in computer science, physics and molecular and cell biology.

The Eberly College of Science enrolls about 3,600 undergraduates and 700 graduate students and ranks fifth among Penn State's 11 academic colleges and schools in total enrollment. It has 525 faculty members, and in 1988-89, it spent nearly \$25.7 million on organized research—third-highest among the colleges.

The college was formed in 1962 by combining the College of Chemistry and Physics with academic units from several other colleges.

The Eberly Family Charitable Trust is composed of the children of the late Ruth R. and Orville Eberly of Uniontown. The trustees are Robert Eberly and his sisters, Carolyn E. Blaney and Margaret E. George, all of Uniontown.

The Eberly gift is the largest donation received thus far by The Campaign for Penn State from a foundation or trust.

Annual awards convocation is scheduled for April 8

The annual Penn State Awards Convocation to honor outstanding students, faculty and staff will be held at 2 p.m. Sunday, April 8, in Eisenhower Auditorium at University Park.

The ceremony is open to the public and will feature Penn State Head Football Coach Joe Paterno as special speaker.

In addition to his coaching activities, Mr. Paterno is a vice chairman of The Campaign for Penn State, the successful \$300-million fund drive to enhance University academic programs. In 1986, he contributed \$150,000 to the campaign for a library endowment fund and minority student scholarships.

He is a graduate of Brown University, where he was quarterback of the football team and majored in English literature. He has been awarded the Pennsylvania Award for Excellence in Athletics, and honorary degrees from Brown University, Gettysburg

College, and Allegheny College.

President Jordan and William C. Richardson, executive vice president and provost of the University, will officiate and make presentations.

Dr. Richardson will present the following undergraduate scholastic awards: the President's Freshman Award, the President Sparks Award for sophomores and the Even Pugh Scholar Award for juniors and seniors.

In addition, he will present the 1990 John W. White Graduate Fellowships and a series of faculty teaching awards. Faculty awards include the Christian R. and Mary F. Lindback Award for Distinguished Teaching, the George W. Atherton Award for Excellence in Teaching, and the Penn State Teaching Fellow and Excellence in Advising awards.

William W. Asbury, vice president for student services, will present the following

student achievement awards: the Ralph Dorn Hietzel Memorial Award, the Eric A. Walker Award, the John W. Oswald Award, the Ernest B. McCoy Memorial Award and the Outstanding Adult Student Award for University Park.

Charles L. Hosler, senior vice president for research and dean of the Graduate School, will present faculty scholar medals for life and health sciences, arts and humanities, physical science and engineering, and social and behavioral sciences.

Dr. Jordan will present the faculty-staff achievement awards: the Barash Award for Human Service, the McKay Donkin Award, the John E. Wilkinson Award for Administrative Excellence, and the Equal Opportunity Award.

See related story on page 6.



Joe Paterno

Wilkes-Barre CEO appointed to Continuing Education post

James H. Ryan, campus executive officer of the Penn State Wilkes-Barre Campus, has been named vice president for continuing education, effective July 1.

Dr. Ryan was appointed to the position during the Board of Trustees' meeting March 17 at the Hershey Medical Center.

"Dr. Ryan has exceptional administrative insight and leadership abilities for the position," President Jordan told the Trustees. "He has exhibited a keen grasp of the complexity of the University system and has a successful background in continuing education, community and economic development."

Dr. Ryan has served as CEO at Penn State Wilkes-Barre since 1981. During that time, the campus has realized a doubling of credit enrollments while also experiencing a 10-fold increase in the number of non-credit enrollments.

"Dr. Ryan is a man of integrity and high principles, and I believe he is an outstanding choice for the position," Dr. Jordan said.

During his tenure, the Wilkes-Barre Campus increased its physical facilities by \$8 million, raised \$2.5 million for a Center for Technology and received a \$1 million grant from Bell of Pennsylvania to support

(Continued on page 5)

In news magazine survey Graduate program highly ranked

The University's graduate programs in business and engineering have been listed among the top 20 programs in the nation by a U.S. News and World Report survey. The College of Business Administration was one of three Pennsylvania institutions ranked among the top 25 graduate business schools. In ratings published in this week's edition of the news magazine, Penn State was eighth among public business schools nationally and 20th overall.

The College of Engineering was one of two Pennsylvania institutions ranked among the top 25 graduate engineering programs. Penn State was 11th among public engineering schools nationally and 18th overall.

"We are extremely pleased by this news," J.D. Hammond, dean of the College of Business Administration and holder of the William Elliott Chair in Insurance, said. "It places us in the company of some very fine institutions."

"However, there is much we need to accomplish—the internationalization of our curriculum, continuous program innovation and increased support for quality students. Our goals are high. This ranking will

provide us an important independent benchmark against which we can measure our progress."

John Brighton, dean of the College of Engineering, said, "It's always satisfying to have the excellence of our programs recognized. Among engineers in the field and our alumni, Penn State's engineering programs are always highly ranked and respected."

"I think the college should be ranked higher than 18th," Dr. Brighton said. "Our goal is to break the top 10."

Other Pennsylvania business schools listed among the U.S. News top 25 were the Wharton School at the University of Pennsylvania, ranked third overall, and the Graduate School of Industrial Administration at Carnegie Mellon University, ranked 14th overall.

Carnegie Mellon University, ranked seventh, was the only other Pennsylvania school ranked in the survey.

Topping the list for business was Stanford University's Graduate School of Business, followed by the Harvard University Graduate School of Business

(Continued on page 5)



James H. Ryan

Focus on Diversity

Diversity Opportunities Calendar

Friday, March 23

Martin Luther King Interest House, 6 p.m., Pollock Hall Lounge. Ebony and Ivory Week. open discussion on cross-cultural feminism.

Black Caucus, 7 p.m., Pollock Hall Recreation Room. Open Forum.

Alpha Phi Alpha and Beta Sigma Beta, 8 p.m., Pollock Recreation Room. NMO/M Performing Arts dance presentation on "From African to Negro to Colored to Black to African American: The Progression of a Nation."

Saturday, March 24

Project Growth, noon, 301 HUB. Ebony and Ivory Week workshop: "Confronting Cultural Stereotypes."

Alpha Phi Alpha and Beta Sigma Beta, Ebony and Ivory Week workshops, 1:15 p.m. 301 HUB, "Confronting Sex Role Stereotypes," moderators: Patty Johnstone and Stephanie Barone; 2:30 p.m. 301 HUB, "Self Esteem"; 3:45 p.m., 301 HUB, "Confronting Double Stereotypes: Interracial Gay and Lesbian Relationships, moderator: Lesbian and Gay Student

Association.

Penn State Jazz Club, noon to 5 p.m., Eisenhower Auditorium. Jazz Festival featuring Courtney Pine.

Alpha Kappa Alpha, 5:30 p.m., 111 Wartik. Speaker Tamara Tunie Bouquett. University Concert Committee, 9 p.m., Eisenhower Auditorium. Jazz concert featuring Stanley Jordan and Al Di Meola.

Tuesday, March 27

Center for Women Studies, 7 p.m., 12 Sparks. Women's History Month Film Series: "Mandela."

Thursday, March 29

Lesbian and Gay Student Alliance, 7 p.m., HUB Assembly Room. Lesbian and Gay Film Festival film: "Veronica 4 Rose/or Veronica Loves Rose."

Friday, March 30

Human Resources Development Center, 9 a.m. to 4 p.m., Rider Building. Workshop: "Managing Cultural Diversity."

Human Resources Development Center, noon to 1:30 p.m., 106 Mitchell Building. Teleconference: "Acquiring Staff Diversity: How and Why."

More Native Americans earning doctoral degrees

Because of strong support systems, nearly twice as many Native American Indians earned doctoral degrees in 1987 compared to 1977, while the number of non-minorities earning similar degrees decreased during the same period.

According to G. Mike Charleston, associate professor of education and director of the University's American Indian Education Policy Center, 65 Native American Indians earned doctorates nationwide in 1977, compared to 116 in 1987, which is the latest information available.

Active recruiting networks among Native American Indians enrolled in colleges and graduate schools and support programs at those universities have aided in that graduation increase, he said.

Penn State has two special graduate programs in its College of Education for Native American Indian students and is among the nation's top producers of Native American Indian doctorates. During the University's 20 years of conducting Native American Indian graduate programs, 29 doctoral degrees and 119 master's degrees have been awarded.

For Native American Indians, merely the act of going to college means dealing with many obstacles, besides those that are financial," said Dr. Charleston, a member of the Choctaw Nation of Oklahoma.

"For example, many Native American

Indian students also must cope with breaking away from family, holidays, diet and overall cultural activities.

"Many Native American Indians observe social and religious practices that are considered unusual by non-Indians. Certain foods are unavailable at the locations of various universities; and without a family life, a very important aspect of tribal life, students can feel very lonely."

Despite these obstacles, 81 percent of the Native American Indians who enter Penn State's graduate degree programs graduate. This statistic is similar to the national figure of 80 percent for other universities that

have programs designed specifically to support Native American Indians, according to Dr. Charleston.

Nationwide, an average of 50 percent of the Native American Indians who enter graduate schools graduate, according to 1982 statistics. The national average for African Americans/Black Americans and Hispanics is 50 percent and 64 percent for non-minority students.

"At Penn State and other universities with programs for Native American Indians, numerous academic and social support systems really are beneficial," Dr. Charleston added. "In addition, Native

American Indian students assist each other in many ways such as getting together to study and provide familiar social environments."

Until about 1969, few Native American Indians graduated from college and fewer enrolled in graduate schools. But many individuals in the Indian and non-Indian academic and governmental communities grew concerned about having more Native American Indians in leadership positions.

"The U.S. Bureau of Indian Affairs was run by non-Indians, and even though it had Indian employees, they were in low-level positions," Dr. Charleston said. "In addition, the Indian employees with college degrees did not have the additional credentials to compete with those non-Indians for leadership positions. So a few universities began to set up special programs, and they have been very successful."

Originally, government-related careers were the choice of the majority of Native American Indians entering graduate schools. But Dr. Charleston notes that the trend has changed to education, business and health-related fields as Native American Indians are more concerned with helping make their tribes more self-sufficient.

Almost all Native American Indians return to assist their tribes after attaining their doctoral degree. They work in tribal, state or federal positions and contribute to the development of Indian communities.

Commission for Women seeks members

The Commission for Women is seeking new members.

The Commission for Women serves as an advisory group to the president on any matter that may affect women of the University. It promotes the efforts of women of the University in their various roles and activities and serves as a forum for the exchange of ideas.

Members include administrators, faculty, staff, clerical workers, technical service employees, and two undergraduate and graduate students. Women from locations other than University Park also must be

represented.

To nominate oneself or others, request a nomination form by calling the Commission Office at 865-1683. The Commission actively seeks nominees from all categories of University women, including those of differing cultural, racial or ethnic backgrounds.

Forms must be returned to the Commission for Women, Nominating Committee, 405 Old Main, no later than Monday, April 16. Further information may be obtained by calling the Commission Office.

The Campaign for Penn State

Fund created in College of Education

Dorothy Mistisier, '54, '76, '76g, has established the Robert Mistisier Memorial Fund in the College of Education. Named in memory of her husband, Robert Mistisier, '56g, '71g, the fund, in excess of \$15,000, is designated for use within the Educational Administration Program.

"I wanted to establish a legacy for my husband who worked in educational administration for most of his career," Dr. Mistisier said. "He firmly believed that excellence in administrative leadership is vital to the success of any school system, and he lived that belief. This fund will carry on his commitment to the field of education."

William Caldwell, head of the Educational Administration Program, notes, "This gift represents a unique contribution to our program. It will enable us to initiate

an annual or biannual conference featuring national leaders in educational administration." According to Dr. Caldwell, the fund is a welcome addition to the program in increasing the quality of student experiences and opportunities.

Dorothy Mistisier is a two-time graduate of the College of Education, with an M.Ed. and Ph.D., both in home economics education. She currently is executive director of Kappa Omicron Phi/Omicron Nu, in Hazlet, Mich.

She also is executive director of the Michigan Home Economics Association, editor of *Home Economics Forum*, and secretary-treasurer of the Association of College Honor Societies. In the College of Education, she has served on the Alumni Society Board of Directors since 1980, being president from 1986-88.

Knight Foundation gift

Knight-Ridder Newspapers' Knight Foundation has donated \$25,000 to establish scholarships and internships for minorities in the School of Communications.

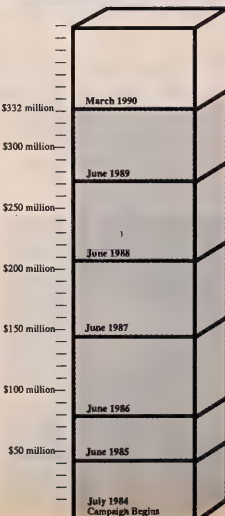
James A. Moss, publisher of the *Centre Daily Times*, a Knight-Ridder newspaper based in State College, presented the donation during a ceremony at University Park.

"The newspaper industry must encourage and fund university programs to recruit and prepare minorities for careers in communications," Mr. Moss said. "At Knight-Ridder, we take that responsibility seriously."

"As much as anything, it was the ceaseless and untiring efforts of former *Centre Daily Times* publisher Chris Harte that made this grant possible."

Accepting the check on behalf of the school's students was journalism major Patrick Evans, president of the Penn State Association of College Journalists.

Brian Winston, dean of the School, welcomed the grant, saying, "We are not doing justice to the University's multicultural goals if we do not expose them in our classrooms. This gift is a welcome addition to the school's goal of developing sensitivity to multiculturalism in every one of its courses."



Obituary

Maurice B. Cramer, professor emeritus of English, died Feb. 26. He was 79.

Dr. Cramer received his bachelor of arts, master's and Ph.D. degrees from Princeton University. He began his career as an instructor in the English Department at Mt. Holyoke College in 1934 and remained there six years.

He served as chairman of the English Department at the University of Tampa and as a lecturer at Princeton before becoming assistant professor of humanities at the University of Chicago in 1945.

Dr. Cramer joined the Penn State faculty July 1, 1959, and retired July 1, 1972. His research centered around the British Romantic and Victorian poets, principally Robert Browning.

From the Trustee Docket

Room and board rates

The Board of Trustees has approved rate increases for room and board for 1990-91. Room and board rates for the standard double room and meal plan 3 will increase 5.6 percent, beginning in fall 1990.

More than 78 percent of the undergraduate on-campus population at Penn State is housed in the standard double room. Rate increases for other types of accommodations, which include singles,

doubles, triples, single student apartments and suites, will vary from \$35 to \$50 a semester. Family apartment rates will increase \$10 to \$20 per month, depending on the type of apartment.

"The University is anticipating higher costs in areas such as food, salaries, benefits and utilities," Steve A. Garban, senior vice president for finance and operations and treasurer, said. "The Residence Hall and Dining Commons program is completely self-supporting," he notes. "State funds are

not used for the operation or the construction and maintenance of facilities."

The standard double room and board rate for 1990-91 will increase by \$90 per semester.

New double room and board rates per semester are:

- \$1,585, including Meal Plan 1 (20,500 points); \$1,635, including Meal Plan 2 (25,500 points); \$1,685, including Meal Plan 3 (30,500 points); \$1,725, including Meal Plan 4 (34,500 points); \$1,755,

including Meal Plan 5 (37,500 points).

Currently, students may choose from five meal plans offering from 20,500 to 37,500 points. Points are deducted from the plan, based on each meal eaten in a dining hall or foods selected in other campus eateries.

Plan 1 translates into seven to eight meals a week; Plan 2 -- nine to 10 meals a week; Plan 3 -- 11 to 12 meals a week; Plan 4 -- 13 to 14 meals a week; and Plan 5 -- up to 16 meals a week.

Study group

The number of women in leadership positions at Penn State is slowly increasing, as are programs to improve the environment for all faculty and staff members at the University, according to a report made to the Board of Trustees.

Jill Findeis, chairperson, Commission for Women, and Billie Willis, assistant vice president for human resources, presented a progress report on the University's efforts to implement recommendations from the Strategic Study Group on the Status of Women.

"The number of women holding positions in four categories of focus -- executive, administrator, academic administrator and faculty -- has increased from 1985 to 1989, but in some cases the proportion of women in each category has

only increased slightly," Dr. Findeis said.

"We want to continue to enhance the hiring of women in these categories and continue to encourage the Office of Human Resources to implement the study group recommendations affecting employment."

Dr. Willis outlined some of the changes made by the University as a result of the study group recommendations.

"We're seeing steady progress in the number of women being brought into leadership positions," she noted. "Penn State is ahead of other universities in addressing some of these issues."

Penn State's response to the study group's recommendations includes:

- expansion of the use of exit interviews University-wide for faculty and staff members.
- addition of more ways to advertise jobs available at Penn State.

- creation of a victim/witness advocate position in the Department of Safety and Environmental Services.
- institution of a project to review job evaluation and compensation programs.
- examination of the possibility of offering prorated time off to regular, part-time staff.
- creation of a flexible benefits component enabling faculty/staff to use pre-federal tax dollars to pay for eligible dependent care expenses.
- implementation of a policy, now in final draft form, to allow staff to move some of their sick days into an account for use for family and immediate household illnesses.
- creation of a policy, now in final draft form, to allow for a one-year leave without pay for women and men for childcare and adoption.

- establishment of a task force to study the University's benefits program and advise on future needs.
- establishment of career counseling opportunities for faculty/staff, offered jointly by the Office of Human Resources and Career Development and Placement Services.
- creation of a committee to advise the Office of Human Resources on faculty/staff professional development.
- enhancement of the dual career employment assistance program.
- creation of a policy, now being circulated for comment, on flexible work schedules. Dr. Willis said.

The Commission for Women advises the president regarding the implementation of the recommendations.

Election of directors

Trustees have elected a new Board of Directors for The Corporation for Penn State.

The corporation was established in 1985 "for the purpose of conducting certain support activities on behalf of the University."

The Trustees have established the corporation's Board as the president and vice president of the Board of Trustees; the chairs of the trustee committees on educational policy, physical plant and finance; and the University president, executive vice president and provost, senior vice president for finance and operations-treasurer, and senior vice president for health affairs and dean of the College of Medicine.

Elected to the corporation's board by holding the appropriate Trustee and University positions were H. Jesse Anelle, Marian Coppersmith Fredman, C. McCollister Everts, Steve A. Garban, Bernard Hankin, J. Lloyd Huck, Dr. Jordan, Edward P. Junker III and William C. Richardson.

Nittany Lion Inn

The Board of Trustees has approved final plans and authorized the bidding and award of contracts for a \$15 million addition and renovations to the Nittany Lion Inn on the University Park Campus.

The expansion will provide space for 136 more guest rooms, bringing the total number of rooms to 265, according to James Wagner, vice president for business and operations.

The 136,000-square-foot addition also will include a board room, a 500-seat ballroom for Penn State alumni meetings and social gatherings, and an enclosed dining pavilion in the new courtyard, which will be located between the current building and the addition, Mr. Wagner said.

Williams, Trebilcock, Whitehead of Pittsburgh designed the expansion and renovations project, which will be bid this spring. Construction is expected to take 16 to 20 months. Financing will come from a loan taken by the Nittany Lion Inn and will be repaid from future income over the next 25 years, Mr. Wagner said.

The long-range plan includes major renovations to the existing 129 guest rooms. When that work is completed, the total number of guest rooms will be reduced to approximately 250, because some of the smaller rooms will be combined during the renovations.

The original portion of the inn was built in 1930 and the last expansion was in 1957. The Georgian-style interior and exterior will be maintained in the addition, Mr. Wagner said.

Academic programs

A new graduate program in journalism and 13 changes in undergraduate majors and options have been reviewed by the Board of Trustees.

The new master of journalism program in the School of Communications is designed for students who have completed undergraduate programs in fields other than journalism.

In undergraduate programs, a soil science major has been added in the College of Agriculture.

At Penn State Erie, The Behrend College, a new interdisciplinary major combines both a business major in the College of the Liberal Arts and a science major in the School of Business. Penn State-Behrend also will drop the major in business and behavioral sciences and the major in general business, which will be replaced by the new interdisciplinary major.

The College of Health and Human Development will drop the community studies major. The college also will add a new minor in gerontology, which prepares students for entry-level human service positions working with the elderly, or for graduate or professional-school programs.

The College of Arts and Architecture will create two new minors -- one in architectural history and one in theater arts. The College of Engineering has included a new option in food engineering in the agricultural engineering major. The college also will add the new general option to the agricultural engineering major.

The College of the Liberal Arts will offer three new options in the psychology major: business, health science and quantification.

State releases funds for Engineering renovations

Lt. Gov. Mark S. Singel has announced the release of \$7.9 million in state capital budget funds for construction work involving renovations to the Mechanical Engineering and Electrical Engineering West buildings at University Park.

"The center section of the Mechanical Engineering Building dates to 1920, with the north and south wings added in 1950, and the Electrical Engineering West building dates to 1936," Lt. Gov. Singel said at a mock check presentation ceremony during the Board of Trustees meeting. "The proposed remodeling of these two buildings has become a desirable and achievable goal, and I am here to say that we are going to get the job done."

"This project is especially important to the continuing progress of the College of Engineering and to the college's ability to contribute to the continuing progress of the state," President Jordan said. "As the College of Engineering has moved forward in recent years to strengthen academic quality, the matter of facilities has become

a critical question.

A recent survey by U.S. News and World Report ranked the College of Engineering graduate program 18th in the country.

Currently, Penn State educates approximately 9,400 engineering students, an increase of almost 60 percent over 1971. Renovation to the buildings includes new lighting, new laboratory equipment,

insulation, new energy efficient windows, new roofs, new partitions, installation of an elevator in Electrical Engineering West and replacement of the elevator in the Mechanical Engineering Laboratory.

"Several years ago, we recognized the unprecedented growth which was occurring in the engineering program, growth which placed severe strains on existing facilities at the University Park Campus," the lieutenant governor said.

"The growth was occurring despite the construction of no new buildings for the program, no additions to existing buildings and no major remodeling projects. In 1984, a panel reviewed the state of the College of

Engineering and recommended a major renovation program on site. Our actions today clear the way for the state Department of General Services to formally seek bids for construction of this project."

Lt. Gov. Singel said the project will permit more efficient and effective use of existing space at the two buildings and

"provide a much-needed improvement to an engineering program which has become a vital resource to Pennsylvania."

He praised the University's Board of Trustees, Sen. Doyle Corman, Rep. Lynn Herman and the late Rep. Russell Lettermann for their assistance with the capital budget initiative.

Senator to visit

U.S. Sen. Bob Packwood of Oregon, the ranking Republican and former chairman, Senate Finance Committee, will be guest lecturer at the University Park Campus on Monday, March 26.

Sen. Packwood will be the guest of the Graduate Program in Policy Analysis, the College of Business Administration, and the Department of Political Science. He will speak to undergraduate and graduate classes in these departments focusing on federal tax policy issues, the legislative policy process, and current legislative initiatives of

the second session of the 101st Congress.

Sen. Packwood is one of the senior members of the U.S. Senate with 22 years of service and was one of the principal architects of the Tax Reform Act of 1986, which overhauled the nation's federal tax policy.

He is the direct link between the White House and the Senate on tax policy initiatives, serving as the chief spokesman on such issues as the capital gains tax and Medicare reform.

Sen. Packwood's visit to University Park was arranged and coordinated through the Office of Governmental Affairs.

Focus on the arts

The arts on Channel 3

Sir George Solti, music director of the Chicago Symphony Orchestra and one of the world's most honored and respected conductors, will present a new interpretation of Ludwig van Beethoven's Symphony in C Minor in "Solti's Beethoven - The Fifth Symphony Revisited," premiering on *Great Performances* at 9 p.m. Friday, March 23.

The program features the conductor as he explains his new approach and conducts highlights from the score in rehearsal with the Chicago Symphony.

Masterpiece Theatre presents "The Real Charlotte" at 9 p.m. Sunday, March 25. This three-part series is an adaptation from a novel by Edith Somerville and Martin Ross, the authors of *The Irish R.M.*

Set in western Ireland, the series tells the story of young Francis Fitzpatrick who comes to live with her cousin Charlotte Mullen, an ambitious, middle-aged, and iron-willed woman.

"Ray's Male Heterosexual Dance Hall," winner of the 1987 Academy Award for Best Short Film, is one of three critically acclaimed short films to be shown on *American Playhouse* at 9 p.m. Wednesday, March 28, as part of a 90-minute program titled "Triple Play."

The other two films on the telecast are "Homesick," winner of the Silver Award for Original Comedy at the 1989 Houston International Film Festival, and "Teach 109," a Bronze Award Winner for Live Action at the same competition.

'LABASH 1990'

The Landscape Architecture Student Conference, "LABASH 1990," a national conference organized and funded by University students, is being held today through March 25.

Students from the Department of Landscape Architecture organized and are hosting this year's conference, which is expected to have more than 500 participants.

The theme for "LABASH 1990" is "Challenges of the New Decade," and will focus on design issues of collaboration, urban design, career options and environmental issues.

French Horn Ensemble

The Penn State French Horn Ensemble will present a concert at 8 p.m. Saturday, March 24, in the Recital Hall of the Music Building at University Park.

The ensemble's program will include arrangements of works by Gabrieli, Verdi and Schubert, as well as original works by Lowell Shaw and Arne Oldberg.

The New Decade Horn Quartet, featuring Carla Beahm, Lisa Bevan, Andrew Carroll and Dawn Fowler, also will perform at the concert.

A 14-member group comprised of undergraduate and graduate music majors, the ensemble is directed by Lisa Bontrager, faculty member in the School of Music. She will be assisted by graduate students Andrew Carroll and Charles Moritz.

Jazz concert

Solo acoustic artist Al Di Meola and EMI recording artist Stanley Jordan will present a concert at 9 p.m. Saturday, March 24, in Eisenhower Auditorium, University Park. The concert is sponsored by the University Center Committee.

Mr. Di Meola's newest record is "Cielo e Terra." The work involves a new direction for the electric guitarist who performed with the jazz-fusion revolutionaries Return to Forever. Four of the nine songs on the album showcase the artist on solo acoustic guitar.

Mr. Jordan's latest EMI album, "Flying Home," combines rock, pop, jazz and rhythm and blues with classical music influences. The Grammy-nominated instrumental guitarist firmly established his



The Penn State French Horn Ensemble will present a concert at 8 p.m. March 24 in the Recital Hall of the Music Building.

popularity with "Magic Touch" in 1985. Tickets are \$15, and they are available from Eisenhower Auditorium box office, 9 a.m. to 4 p.m. weekdays or by mail: Ticket Center, Center for the Performing Arts, 102 Eisenhower Auditorium.

Joint concert

The Penn State Trombone Choir and Tuba/Euphonium Ensemble will give a joint concert at 8 p.m. Monday, March 26, in the Recital Hall of the Music Building at University Park.

Both ensembles are directed by Mark L. Lusk, faculty member in the School of Music, and are comprised mainly of undergraduate and graduate music majors.

Scholars to lecture

Two internationally known art historians will present complementary lectures at 8 p.m. March 26 and 27, in 112 Walker Building at University Park.

Irving Lavin, professor of art history in the School of Historical Studies at the Institute for Advanced Study at Princeton, will give the lecture "Fischer von Erlach, Tiepolo and the Unity of the Visual Arts" on Monday. Helmut Lorenz, professor of art history at the Freie Universität in Berlin, will present the lecture "Domenico Martinelli: A Roman Architect in Central Europe" on Tuesday. Following Dr. Lorenz's lecture, the two art historians will discuss questions raised by their presentations.

The lectures are part of the series "The World and the Italian Architect, Native Images and Reflections Abroad," sponsored by the Department of Art History and the Institute for the Arts and Humanistic Studies.

Drs. Lavin and Lorenz will examine the work of two architects, Fischer von Erlach and Domenico Martinelli, who were both students of Carlo Fontana in Rome in the 1680s. The lectures will shed new light on the artistic relations between Italy and Central Europe during the early years of the 17th century.

A reception will follow both lectures in the lobby of Walker Building.

Odyssey on WPSU

The Battle of Clontarf, fought near Dublin in 1014, is not only important because it decided who would rule Ireland, the Vikings or the Irish. It is important, says historian Ben Hudson on the next "Odyssey Through Literature" broadcast, for the way in which the story of the battle was transmitted.

"It's one of those few battles that's mentioned in both Viking and Irish sources. We know that both the Irish and the Vikings had planted observers there, people whose job was actually to witness the battle and then use what they had witnessed to fashion an account for public recitation.

"The Irish author of *The Way of the Irish Against the Foreigners* specifically states that he got bits and pieces of his information from the Viking women. The Irish poets and the Viking poets must have sat down, exchanged notes, filled in the gaps in each other's log books, and gone off to compose their own materials."

"Odyssey Through Literature" is produced by the Comparative Literature

Department and airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Murray labor lecture

The AFL-CIO's Secretary-Treasurer Thomas Donahue will present the fourth annual Philip Murray Memorial Labor Lecture in Kern Auditorium at University Park at 8 p.m. Wednesday, March 28. The title of his talk is "The AFL-CIO in the 1990s."

Mr. Donahue has served as international vice president of the Service Employees International Union, assistant secretary of labor during the Johnson Administration, and executive assistant to the president of the AFL-CIO prior to his election to his present post in 1979.

The Philip Murray Memorial Labor Lecture is presented annually by a distinguished member of the labor movement in memory of Philip Murray (1886-1952), first president of the United Steel Workers of America and second president of the Congress of Industrial Organizations.

The lecture provides a forum for the exchange of ideas between the members of the University community and leaders in the labor movement. Labor leaders hope the interchange will help people better understand the importance of the labor movement in a democratic society.

The lecture series is jointly sponsored by the Department of Labor Studies and Historical Relations, the Labor Archives and Historical Collections, the Labor Studies Club at Penn State and the United Steel Workers of America. The lecture is open to the public.

Jazz ensemble

The Inner Dimensions and Outer Dimensions jazz ensembles, Penn State's second and third jazz bands, will give a concert at 8 p.m. Wednesday, March 28, in the Recital Hall of the Music Building at University Park.

Outer Dimensions will open the program with music by Art Dedicck, Sammy Nestico, Frank Mantooth and others. Featured soloists will include Mike Pistone, alto sax, and Karen Winer, piano. The trombone section will perform a special number. A guest soloist will be announced at the concert.

Inner Dimensions will present the second half of the program and will feature music from the libraries of Bob Mintzer, Phil Woods and Gil Evans. Featured soloists will include Tom Snively, alto sax, on the Woods number and Marc Koble, trumpet, on his own version of the Miles Davis/Gil Evans classic "Maidens of Cadiz."

Author to give reading

Noted author David Slavitt will give a fiction reading at 8 p.m. Wednesday, March 28, in Room 112 Walker Building at University Park.

Mr. Slavitt is this year's featured reader in preparation for the Kate Lehman Writing Awards banquet on March 29. He is a judge in the fiction category of the competition.

An associate editor and for the past two years movie editor at *Newsweek*, he has published 30 works of fiction and poetry, nine novels under pseudonyms, two plays and several magazine articles.

A magna cum laude graduate of Yale, he received his master's in English with honors from Columbia University. He has taught, lectured, given poetry readings and led workshops at such institutions as Yale, Harvard, Bennington, American University and the Library of Congress. He has been visiting professor at several universities and is an associate fellow of Trumbull College at Yale.

Mr. Slavitt received the National Endowment for the Arts Fellowship in Translation in 1988 and two Pennsylvania Council on the Arts Individual Artist Fellowships, in 1985 for fiction and in 1987 for poetry.

Percussion ensemble

The Penn State Percussion Ensemble will perform in concert at 12:10 p.m. Thursday, March 29, in Eisenhower Chapel at University Park. The 20-minute concert is part of the spring Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The program will include an arrangement of "Valse Triste" by G. Werdesheim and some traditional Mexican folk songs.

The Percussion Ensemble is a group of eight players, mostly percussion majors in the School of Music. The ensemble is directed by Dan Armstrong of the School of Music faculty.

Exhibit discussion

Michael Tomor, a graduate student in the Department of Art History, will discuss works from two student art competitions of the Accademia di San Luca in Rome at 12:10 p.m. Thursday, March 29, at the Palmer Museum of Art at University Park.

The talk complements the museum's current exhibition "Figurative Drawings of the 17th and 18th Centuries from the Accademia di San Luca in Rome," on view through May 20.

Museum lecture

Warren T. Byrd Jr. will give a talk on American gardens at 8 p.m. Thursday, March 29, at the Palmer Museum of Art at University Park.

The talk complements the museum's current exhibition "Transforming the American Garden," on view through May 13.

Mr. Byrd's work, "Tidal Garden: Eastern Shore of Virginia," is included in "Transforming the American Garden." He is one of the 12 landscape architects whose models of the ideal garden, free from constraints of clients or topography, are represented in the exhibition.

HUB exhibit

Andy Jones, a former Penn State student, is exhibiting his works of art in the HUB Showing Gallery at University Park. The show is titled "Doom and Gloom: Cavalcade of Fears and Facades."

Thematically, his work questions self and structure, exploits universal excess and digression, fingers hypocrisy (and ultimately, the structure of our surroundings, especially in terms of greed, manipulative programming).

Batman's editor to speak

The man who makes sure Batman is armed with perfect grammar, as well as all the right Bat-gear for his battle against crime is coming to University Park.

No, it's not Bruce Wayne's loyal butler, Alfred, but comic book author Dennis O'Neil, who edits Batman's myriad adventures for DC Comics. His public talk, "Superheroes: Yesterday, Today and Tomorrow," will be given at 3 p.m. Friday, March 30, in Room 121 Sparks Building.

Although not associated with Batman as long as Robin, the Boy Wonder, Mr. O'Neil began writing the Caped Crusader's

(Continued on page 7)

University Park Calendar

March 22— April 1 Special Events

Thursday, March 22

Careers in the Visual Arts, 10 a.m., Palmer Museum of Art, Dan Brody.
Bach's Lunch Concert, 12:10-12:30 p.m., Eisenhower Chapel, Penn State Concert Choir.
Photography Lecture Series, 8 p.m., Rare Books Room, Pattee Library, Audrey Linkman, Documentary Photography Archive, Manchester, England, on "The Itinerant Photographer in 19th Century Britain."
John R. Bracken Lecture Series, 8 p.m., Schwab Aud., A.E. Bye on "Abstracting the Landscape."
German Dept., lecture, 8 p.m., 124 Sparks.
Steven Paul Scher on "List and Literature."

Friday, March 23

Geog. Coffee Hour, 4 p.m., 319 Walker. Chris Justice, NASA Goddard Space Flight Center, on "Remote Sensing Environmental Degradation in Sub-Saharan Africa."
School of Music, 8 p.m., Recital Hall. Philharmonic Concerto Concert.

Saturday, March 24

Shaver's Creek, 9:30 a.m.-5 p.m., Potato Basket Workshop, Call 863-2000.
School of Music, 8 p.m., Recital Hall. Penn State Horn Ensemble.
University Concert Committee, 9 p.m., Eisenhower Aud. Al Di Meola and Stanley Jordan.

Sunday, March 25

Shaver's Creek, 2-4 p.m., Bringing Wildlife to Your Back Yard, Call 863-2000.
Central Pennsylvania Society, American Institute of Archaeology, 2:30 p.m., Palmer Museum of Art. Ross Holloway, Brown Univ., on "Architecture and Politics in Early Greek Sicily."

Carnegie Hall Film Series, 7 p.m., *Balcan* (1943); 9 p.m., *The Forest of Bile* (1987), 4 Carnegie, Free.
Center for the Performing Arts, 8 p.m., Eisenhower Aud. The Academy of St. Martin in the Fields Octet.

Monday, March 26

Comp. Lit. Luncheon, 12:15 p.m., 101 Kern.
Tatiana Tolstaya.
School of Music, 8 p.m., Recital Hall. Trombone Choir/Tuba Euphonium Ensemble.

Tuesday, March 27

Commission for Women, 8:30-11 a.m., Assembly Room, Nittany Lion Inn.
Women's History Month Film Series, 7 p.m., 12 Sparks, Mandala.

Art History Lecture Series, 8 p.m., 112 Walker. Hellmut Lütke, Freie Universität Berlin, on "Domenico Martelli (1650-1718): A Roman Architect in Central Europe."

Wednesday, March 28

Graduate Student Association, blood drive, 10 a.m.-4 p.m., 101 Kern. Appointments, 865-4211.
College of Bus. Admin., teleconference, 2 p.m., Kern Aud. "Europe '92: The Making of People-1992: People, Taxes and Money."

URTC, 5 p.m., 119 Arts Bldg. New Play Workshop #5, through March 30.
Philip Murray Memorial Labor Lecture, 8 p.m., Kern Aud. Thomas Donahue, AFL-CIO secretary-treasurer, on "The AFL-CIO in the 1990s."

Gallery Talk, 8 p.m., Palmer Museum of Art. Barbara Stauffacher Solomon, landscape architect/author, on "Green Architecture."

School of Music, 8 p.m., Recital Hall. Jazz II and III.
Fiction Reading, 8 p.m., 112 Walker. David Slavitt.

Thursday, March 29

Brown Bag Lunch/Lecture, 12:10-12:50 p.m., Palmer Museum of Art. Michael Tomor on "Charles Natoire and Carlo Van Loo at the Accademia Nazionale di San Luca: 1725 and 1728."

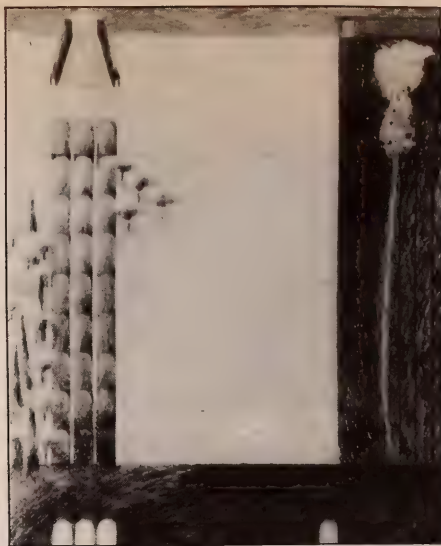
Bach's Lunch, 12:10 p.m., Eisenhower Chapel. Penn State Percussion Ensemble.
Ethics in America, Ethics in Medical Research, videotape presentation and discussion, 3 p.m., Eisenhower Chapel. "Ethics and Harm: The Human Experiment."

Lesbian and Gay Film Festival, 7 p.m., HUB Assembly Room. *Veronica 4 Rose* or *Veronica Loves Rose*.

Center for the Performing Arts, 8 p.m., Eisenhower Aud. Paul Winter Consort.

Friday, March 30

Geog. Coffee Hour, 4 p.m., 319 Walker. Ed Soja, UCLA, on "Taking Geographies Apart: A Critical Reading."



'2 Fields plus 3 Houses equals A Landscape' by Barbara Stauffacher is in the exhibit 'Transforming the American Garden' at the Palmer Museum of Art.

Shaver's Creek, Old Maple Sugar Camp, Grades 5 and 6, 6 p.m.-10 a.m., through March 31. Call 863-2000.

Saturday, March 31

Medieval Agriculture Fair, 1-5 p.m., Intramural Bldg. Also 10 a.m.-3 p.m. April 1. Free.
Shaver's Creek, Woodcock Walk, 5:30-7:30 p.m. Call 863-2000.

Sunday, April 1

Shaver's Creek, 8 a.m.-noon, Pledge A-Bird; 2-4:30 p.m., Digging Massey's Past. Call 863-2000.
School of Music, 3 p.m., Eisenhower Aud. Ned Deihl, Penn State Symphonic Blue Band. Carnegie Hall Film Series, 7 p.m., *China Gate* (1957); 8:45 p.m., *Seventies* (1982), 4 Carnegie, Free.

International Events

Fulbright Informal Lecture

William Pencak, Ogontz Campus, will speak on "Mexican Perspectives on American Foreign Policy: The View from Monterrey" from 4 to 5 p.m. Tuesday, March 27, in 222 Bouckee.

Public Radio

WPSU-FM 91.1

"All Things Considered" Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m. "Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubinstein. "Perspectives," 6:30 p.m. Wednesdays, with Jeff Balow. "Creative License," 12:30 p.m. Thursdays, with Asa Berlin and Pam Saulnier.

Conferences

Continuing Education

Keller Building

March 26, PC-A Spring Seminar. Bob Intriari, golf professional, chair; Jeri Milson, coordinator.

March 26-27, 16th Annual Northeast Bioengineering Conference. Robert P. Gaumond, associate professor of bioengineering, chair; Donna Ricketts, coordinator.

March 26, Fundamentals of Surface Mining. L. Barry Phelps, associate professor of mining engineering, chair; Barbara Impellitteri, coordinator.

March 27, Pennsylvania Bar Institute: Estate, Financial and Lifetime Care Planning. Jeri Milson, coordinator.

March 28, Dental Seminar. Eric Loop, coordinator.

March 28-31, American Comparative Literature Association. Gerhard F. Strasser, associate professor of German and comparative literature, director; Barbara Impellitteri, coordinator.

March 29, The Football Coach and Sports Medicine. John Bove, instructor in physical education, chair; Kathy Karchner, coordinator.

March 30-31, Medieval and Renaissance Cultures: People of the Plough, Land and Labor in Medieval Europe. Vickie L. Ziegler, associate professor of German, chair; Bill Sterner, coordinator.

March 30-31, Penn State Football Coaches Clinic. John Bove, instructor in physical education, chair; Kathy Karchner, coordinator.

Seminars

Thursday, March 29, 9 a.m., 301 Steidle. W.J. MacKnight, Univ. of Massachusetts, on "Liquid Crystal Polyurethanes: Structure and Properties." Physics Colloquium, 3:30 p.m., SS Osmond Lab. Sally Dawson on "Higgs Boson and Standard Model Physics."

Dr. Ryan

(Continued from page 1)

telecommunications engineering. External funding for the campus increased through grants, annual giving and specialized endowments.

In addition, Dr. Ryan helped to substantially increase community participation in campus development, including the successful revitalization of the Campus Advisory Board.

Before coming to Penn State, Dr. Ryan served as director of the division of continuing studies and associate professor of continuing studies and public and environmental affairs at Indiana University in South Bend.

Prior to that, he served in a number of academic and staff positions at the State University of New York at Buffalo. These included associate director of the Council on Urban and Regional Affairs and coordinator of the Urban Studies Special Major; special assistant to the vice president for student affairs and director of the Office of Off-Campus Housing; and associate director of alumni affairs.

Ecology, 3:45 p.m., 111 Wartik. Charles Yohn on "Seed Predation in Amazonian Forests."

Mechanical Engineering, 4 p.m., 103 Mechanical Engineering. Robert F. Boehm, Univ. of Utah, on "Flow Problems in Porous Media."

Social History Colloquium, 4 p.m., Rare Books Room, Pattee Library. Benjamin Hinnicutt, Univ. of Iowa, on "Free Time and the Right to Work: The New Deal and After."

Monday, March 26

Entomology, 3:45 p.m., 204 Patterson. Nancy Beckage, Univ. of Calif., Riverside, on "Biochemical Strategies of Insect Host-Parasite Interactions."

Tuesday, March 27

Gerontology Colloquium, noon-1 p.m., 101 Health and Human Dev. Bldg. East Jay Sokolovsky, Univ. of Maryland, on "The Community Context of Aging in Yugoslavia: Socialist Organization vs. Cultural Tradition."

History Colloquium, 4 p.m., Memorial Lounge. Eisenhower Chapel. Susan E.M. Shirk, history, on "Pastoral Counselors and the Construction of a Psychology for Women in 1950's America."

Thursday, March 29

Polymer Science, 9 a.m., 301 Steidle. K. Levon, Polytechnic Univ., on "Liquid-Liquid Phase Separation in Thermally Reversible Gels."

Physics Colloquium, 3:30 P.M., SS Osmond Lab. Gabriel Barton, Univ. of Sussex, on "Temperature Dependent Effects in QED."

Ecology, 3:45 p.m., 111 Wartik. Elaine Keihann, Bucknell Univ., on "Algal Production and Herbicides."

Exhibits

Chambers Gallery

School of Visual Arts, Undergraduate Graphic Design and Metals Exhibition, through April 6.

HUB Galleries

Formal Gallery: Dept. of Landscape Architecture, To Design a Monument: Three Design Competitions, through March 25.

Kern Galleries

Graduate Research Exhibition, March 23-24. Selections from the Graduate Research Exhibition, March 30-May 15. The Fresh Revolution, Collections Postcards, April 1-30.

Denise Arieu, Jewellery, April 1-30.

Palmer Museum of Art

Roman Portraits, through April 22. Figurative Drawings of the 17th and 18th Centuries from the Accademia Nazionale di San Luca in Rome, through May 20.

Transforming the American Garden, through May 13.

Zoller Gallery

Undergraduate Juried Exhibition, through March 30.

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather-234; Arts Line-345; University Calendar-456.

Graduate programs

(Continued from page 1)

Administration. The University of Michigan's School of Business Administration was the top rated public business school, coming in seventh overall.

The Massachusetts Institute of Technology headed the list for engineering schools, followed by Stanford University. The University of Illinois was the top rated public engineering school and was ranked third.

For business schools, U.S. News rated approximately 100 accredited institutions that enrolled 200 or more full-time MBA candidates. In engineering, 192 accredited schools offering the master's degree and doctoral degrees were included.

The rankings were based on a subjective survey of academic reputation and objective information relating to the institution's selectivity in admissions, graduate rate and job placement for degree-recipients.

Four faculty receive Atherton award for teaching

Four University faculty members have been named recipients of the George W. Atherton Award for Excellence in Teaching. This award, now in its second year, recognizes excellence in undergraduate teaching.

Recipients must have been full-time faculty members for the past three years and teach primarily undergraduate courses.

The winners this year are **Ayoub B. Ayoub**, assistant professor of mathematics at the Ogontz Campus; **James H. Burness**, assistant professor of chemistry at the York Campus; **George W. Franz**, assistant professor of history at the Delaware County Campus, and **Bruce R. Shobaken**, professor of art, University Park.

Dr. Ayoub has been on the faculty of the College of Science since 1983. He received the 1988 Outstanding Teacher Award at the Penn State Ogontz Campus.

According to one former student, Dr. Ayoub "makes math more coherent and enjoyable than any teacher I've had in the past. He calls on some of the quieter students who may be struggling a little with the problems. He very patiently encourages them to think and to speak aloud in class."



Ayoub B. Ayoub

Dr. Ayoub serves on several campus committees, including the Committee for Prevention of Acts of Intolerance and the Student Affairs Committee. He recently was chair of the Campus's United Way campaign, which enjoyed a record year under his leadership. He also has judged numerous science fairs throughout the region.

Dr. Burness, assistant professor of chemistry at the York Campus since 1976, spent the 1983-85 academic years in Munich, where he taught for the University of Maryland's Munich Campus and was a guest researcher at the Inorganic Chemistry Institute of the Technical University of Munich.

Listed in *American Men and Women of Science*, he has published numerous articles in professional journals and has presented a number of papers, at the national and international levels. In 1986, he received the York Campus Annual Teaching Award.

A former student writes, "Dr. Burness was the most dedicated professor I have had throughout my four years of college. He taught me the importance of chemistry, but, more importantly, he taught me to want to learn."



James H. Burness

Dr. Franz, a Delaware County Campus faculty member for 22 years, received the Campus's 1989 Outstanding Teaching Award. In 1972, he developed the first experimental course at a Commonwealth Campus that became a regular catalog course. This course (History 198) eventually evolved into History 150 (Colonial Pennsylvania) and History 200 (American Local History).

Dr. Franz chaired the University Faculty Senate from 1980 to 1981 and the Campus Faculty Senate from 1969 to 1971, and he has served as Delaware County coordinator of the Honors and University Scholars programs for the last 10 years. For the past nine years, Dr. Franz also has been faculty adviser to the Keystone Society, the campus honorary society which recognizes student leadership and involvement in campus and community service.

He says of his teaching philosophy: "I attempt to inculcate in the students an appreciation that their education is a participatory activity and not a spectator sport. By the end of the semester, the students know that they cannot just come into the room and expect to have the material poured into their heads."



George W. Franz

Professor Shobaken, a printmaker and Penn State faculty member since 1958, has been a professor of art for the past 21 years. He has served on numerous University and college committees, most recently on the Core College Committee and the College Screening Committee for Membership in Graduate Faculty.

His prints have appeared in art exhibitions across the country, and he often has served as art juror and visiting artist at other colleges and universities. He initiated the printmaking program in the School of Visual Arts in 1959 and has been responsible for developing many of the printmaking courses.

A former student says, "As a teacher Bruce Shobaken does not settle for meager effort, but is instead a constant force of encouragement for the hard work needed for one to develop as an artist. His criticism comes out of a lifetime of acquired understanding and experience. He lives by his convictions."

Announcements of faculty and staff awards will appear in upcoming issues of Intercom.



Bruce R. Shobaken

Obituaries

Edward Sichi Jr., associate professor of English at Penn State McKeesport since Sept. 1, 1969, died March 7 at the age of 48.

Dr. Sichi is widely published, particularly on John Milton. *Milton's Legacy in the Arts*, a volume he co-edited, has been nominated by the Milton Society as the best 1988 work on that author. Other publications include works on authors Spenser, Shakespeare, Donne and Dryden.

Donald E. Hardenbergh, professor emeritus of engineering mechanics, died March 4. He was 72.

Mr. Hardenbergh, a 1939 graduate of Penn State with a bachelor of science degree in civil engineering, came to University Park as an instructor in the Department of Civil Engineering and soon after transferred to Engineering Mechanics. In 1946, he received his master of science degree in engineering mechanics and was appointed an assistant professor in that department.

During his career at Penn State, Mr. Hardenbergh taught courses for the departments of Physics, Mathematics, Civil Engineering and Engineering Science and Mechanics.

He was the author of a textbook, *Introduction to Dynamics*, and co-author of another textbook, *Introduction to Statics* which serves as a text for the first course in Dynamics for engineering students.

From 1956 to 1980, Mr. Hardenbergh directed research on a project design for the U.S. Atomic Energy Commission, testing

stresses at nozzle connections in pressure vessels. He retired in 1976.

Geraldine A. Pavone, food service worker, Housing and Food Services, from Sept. 20, 1972, until her retirement June 15, 1984, died March 12. She was 68.

Robert F. Dreibeis, agronomy technician, College of Agriculture, from Feb. 16, 1950, until his retirement Jan. 1, 1985, died March 7 at the age of 61.

News in Brief

Blood drive

On Wednesday, March 28, the Graduate Student Association will sponsor a blood drive from 10 a.m. to 4 p.m. in Room 101 Kern Building at University Park.

You can make an appointment for a specific time by stopping by 111B Kern, or calling the GSA at 865-4211.

Consumer panelists needed

Subjects are sought for a Home Use Test for reduced calorie cheese substitute products which contain no cholesterol and no lactose. Participants will be paid \$5. If interested, contact Ruth Hollender or Lisa Mamana at 863-2971 between 10 a.m. and 2 p.m.

Roundtable series

France Cordova, head of the Department of Astronomy, will lead a luncheon roundtable sponsored by the Penn State Chapter of the National

Association of Science Writers at 11:45 a.m. Wednesday, March 28, in Room 313 Kern Building at University Park.

Dr. Cordova, who joined the University faculty last year, will lead a discussion of "Science Coverage in the Local Media."

The Penn State Chapter of the National Association of Science Writers meets for lunch and discussion on the last Wednesday of each month. The brown bag lunchtime roundtable series is open to anyone interested in science communication.

Humanities project

Pennsylvania College of Technology has been selected as one of 25 colleges nationwide to participate in the second year of the American Association of Community and Junior College's "Advancing the Humanities" project. Funded by the National Endowment for the Humanities, the project is designed

to strengthen humanities programs at community, technical, and junior colleges.

Lecture scheduled

Henrik Galbo, associate professor in the Institute of Medical Physiology-B of the Panum Institute in Copenhagen, Denmark, will present a lecture on "Hormonal and Metabolic Adaptations to Exercise" at 11:15 a.m. Friday, April 6, in 121 Noll Laboratory at University Park.

Dr. Galbo, an internationally recognized expert on hormone regulation of metabolism during exercise, received his medical degree as well as the doctor of medical sciences degree from the University of Copenhagen, Denmark. He has conducted extensive studies on how the body attempts to meet the increased requirements for carbohydrates during exercise.

DuBois grant

The Penn State DuBois Campus has received a Title III grant from the federal government. The first-year funding of \$132,000 principally was used to provide a modern, highly versatile computer classroom.

"We're very proud of the work that has been done by our campus faculty and staff," Jacqueline Schoch, campus executive officer, said.

"This was the third year we had applied for such a grant, and with each previous unsuccessful application, we learned more about the process. We applied what we learned each year to assemble this successful application. DuBois was the only campus in the Penn State system to receive a Title III grant this year."

With the grant money, Room 103 Swift Building, an auditorium-type room, has been transformed into an interactive computer classroom.

Pollock Road to be closed for traffic impact study

As part of an impact study of traffic, Penn State will close Pollock Road between Fraser Road and Schwab Auditorium, starting March 20 until the end of the spring semester.

"The conflict between vehicles and pedestrians on Pollock Road is extremely heavy during class changes," says David E. Stormer, assistant vice president for safety services.

"Currently, the pedestrian conflict occurs from Willard Building to Boucke Building, but we expect it to extend to Shortlidge, with the addition of a new classroom building at the intersection of Pollock and Shortlidge."

The study will measure traffic volumes and trips to determine the primary impact of displaced traffic on alternate streets such as Curtin and Burrowes roads and Park and College avenues.

All parking lots will be accessible, however, users of certain lots may have to change their entry routes. People using Yellow H and Brown D and H lots must enter from Shortlidge road; people using Green E and Brown A must come by Burrowes Road.

Appropriate warning signs will be in place at the intersections of Pollock and Shortlidge, and Pollock and Burrowes.

"This study will help us determine if a permanent closing is feasible," Mr. Stormer notes.



Pedestrian and vehicle traffic greatly increases on Pollock Road at University Park when classes change. (Photo: Scott Johnson)

Faculty/Staff Alerts

Courses for faculty and staff

The Human Resource Development Center has openings in the following courses being offered in March and April. Call the center at 865-3410 for registration information.

Defensive Driving The National Safety Council's Defensive Driving Course is designed to help you save your time, money, and life; meets from 9 a.m. to noon Thursday, March 29; cost: \$35.

Managing Cultural Diversity Practice decision-making related to cultural diversity, and challenge and develop your managerial skills; from 9 a.m. to 4 p.m. Friday, March 30; cost: none.

Acquiring Staff Diversity: "Why and How" Six national leaders in higher education will describe the kinds of strategies necessary to recruit and retain faculty and staff diversity in a live

interactive teleconference in Room 106 Mitchell Building from noon to 1:30 p.m. Friday, March 30; cost: none.

Affirmative Action Learn about the University's affirmative action goals and objectives and our commitment to equal opportunity for all; meets from 1:15 to 4:30 p.m. Monday, April 2; cost: none.

Report Writing Designed to give administrators, managers, and other professional employees practical instruction in the fundamentals of report writing, including preparation and organization; meets from 9:30 a.m. to noon every

Tuesday and Friday, for eight sessions, beginning April 3; cost: \$95.

Telephone Techniques Designed to help you turn your office telephone into one of your most effective business tools; meets from 1:15 to 4:30 p.m. Tuesday, April 3; cost: none.

Conflict Resolution Focus is on theories of anger, different reactions to anger, and implementation of techniques and skills to use in conflict resolution; meets from 9 a.m. to 4 p.m. Wednesday, April 11; cost: \$55.

Focus on the arts

(Continued from page 4)

adventures in the late 1960s. A former crime reporter, he is credited with returning Batman to his detective roots at a time when the character's popularity was waning.

Lately, he has overseen many landmark series, including a retelling of Batman's first year in costume, and a controversial tale in which the second Robin died following a phone-in reader's poll.

Mr. O'Neil's visit is hosted by the School of Communications and arranged by faculty members William Uricchio and Roberta Pearson, associate and assistant professors of communications and film/video, respectively. They have edited a book of essays on Batman's comic book, television, and movie incarnations to be published this fall by Routledge in the United States and the British Film Institute in the United Kingdom.

Women's Studies

For National Women's History Month during March, the Penn State Bookstore on Campus is displaying more than 300 books written by and about women and the issues facing society today in regard to the women's movement.

In honor of the "51% Minority," the Bookstore has assembled a large collection of books, from novels to social commentary, politics, nature, the arts, poetry, psychology, philosophy, science, books for children and others relating to women's studies.

Pawl Winter Consort

The Paul Winter Consort will present its unique combination of rhythms and natural

themes at 8 p.m. Thursday, March 29, in Eisenhower Auditorium at University Park. Their special sound contains musical influences, ranging from classical chamber melody to sophisticated "new age" jazz, from humpback whale songs to timber wolf howls.

The program for the evening will be a potpourri of consort compositions from past albums such as "Earth Beat," "Canyon," and the innovative "Whales Alive," as well as several selections from Winter's latest - "Earth, Voices of a Planet."

Members of the consort include: Paul Halley, renowned piano and pipe organ player; cellist Eugene Friesen, who just released his second album called "Arms Around You"; percussionist Glen Velez, who plays a variety of hand instruments; and flutist Rhonda Larson, who recently won a national award from the Flute Association.

As part of the Artistic Viewpoint lecture series, Julian Thayer, jazz musician and professor of psychology, will discuss Winter's unique music at 7 p.m. March 29 in the Greenroom of Eisenhower Auditorium.

Pottery exhibit

An exhibit of pottery by Pat Wolfe is on display until March 27 at the Art Alley Cases on the first floor of the Hetzel Union Building at University Park.

Over the past 20 years, clay work has become a meaningful channel for self-expression, as well as a serene and "centering" influence upon the life of Ms. Wolfe. She tries to reflect in her work a combining of form and function, with a reflection of earth colors and tone in the glazes applied.

Greek architecture

R. Ross Holloway, professor of central Mediterranean archaeology at Brown University, will give the lecture "Architecture and Politics in Early Greek Sicily" at 2:30 p.m. Sunday, March 25, at the Palmer Museum of Art at University Park.

Dr. Holloway's lecture will address the panorama of Greek politics and temple building in Greek Sicily. The lecture is the Norton Lecture of the Archaeological Institute of America and is sponsored by the Central Pennsylvania Society of the Archaeological Institute of America. It is co-sponsored by the Institute for the Arts and Humanistic Studies and the College of the Liberal Arts.

Octet to perform

The Academy of St. Martin in the Fields Octet will play three rarely heard chamber pieces at 8 p.m. Sunday, March 25, in

Eisenhower Auditorium at University Park. Dubbed a "chip off the old block" by the Washington Post, the Academy of St. Martin in the Fields Octet continues the orchestra's exciting and polished performances.

The Academy Octet repertoire includes classical and contemporary chamber works for six and eight instruments. The program for the March 25 concert will be Brahms' Sextet in G-Major, Opus 36; Shostakovich's Prelude and Scherzo, Opus 11; and Mendelssohn's Octet for Strings in E-Major.

The string ensemble consists of: Kenneth Sillito, Malcolm Latchem, Josef Frohlich, Robert Heard, violins; Robert Smisen, Stephen Tees, violas; and Stephen Orton and Roger Smith, cellos.

As a part of Artistic Viewpoints lecture series, Taylor Greer, assistant professor of music, will provide background on the pieces and the composers at 7 p.m. in the Greenroom in Eisenhower Auditorium.

The arts at...

Penn State Harrisburg

Student artwork from the Drokia region of Moldavia in the Soviet Union is being featured in the Humanities Gallery of Penn State Harrisburg until March 30.

The mostly realistic art work was created by students between the ages of 10 and 17 who are enrolled in special programs for the artistically gifted. There are 22 works, mostly done in watercolor or tempera paint, on exhibit.

Penn College

The ultimate pop musician-pianist, arranger and composer Peter Nero will perform at 8 p.m. Saturday, April 7, in the Capitol Theatre, Williamsport. His performance is being sponsored by Pennsylvania College of Technology.

Tickets are on sale at the Capitol Theatre Box Office. For further information, call (717) 326-2424.

Staff position evaluation open forums attract 1,960

More than 1,900 persons attended 29 open forums on designing a new staff position evaluation and compensation program (SPEC) for clerical, staff exempt and staff nonexempt positions.

The open meetings, which were completed March 16, were held at all locations of the Commonwealth Educational System, Penn State Harrisburg, Penn State Erie, Hershey Medical Center and University Park.

The agenda included a slide presentation which outlined the project phases, work plan and projected end results. The majority of time given to the session was dedicated to an open discussion for staff to provide comments, opinions and suggestions, and to ask questions on the subject of position evaluation and compensation and the SPEC program in general.

A total of 1,960 individuals attended at all locations, which is 27 percent of the total group of clerical, staff exempt and staff nonexempt members of the University.

Meetings were scheduled and conducted by the Office of Human Resources and the Project Team working on the development of the Staff Position Evaluation and Compensation Project. Rachel Miller, manager of salary administration, attended

each session along with members of the Classification/Evaluation System Review Committee, a committee of faculty and staff charged with monitoring the progress of the project.

"The open forums were spirited, dynamic and creative, with staff members presenting comments and ideas in a positive manner," Ms. Miller said.

They laid the groundwork for the theme of participation, involvement and

open communication which is a major goal of the Staff Position Evaluation and Compensation Program."

At each session, participants were asked to document ideas, comments and suggestions in writing so a record would exist for review by the Project Team and consultants from Mercer Meidinger Hansen. To date 650 responses have been received by the Project Team.

"The responses are photocopied and are

forwarded in their original form to the consultant for their attention," Bill Walsh, director of salary administration and benefits and chair of the Classification/Evaluation System Review Committee, said. "We do not want any of the thoughts or opinions screened or edited. All responses are being thoughtfully considered. Many of them will be incorporated into the design of the new position evaluation and compensation program."

"The subjects covered in the questionnaire responses mirror the discussions held during the open forums," Ms. Miller added. "Themes and concerns such as pay for performance, and/or longevity, geographic salary differentials, measuring jobs that are generalized in nature versus specialized in nature, the need for more grades and the need for more communication on the compensation programs appear to be expressed more than other subjects."

During the meetings, the Project Team cited an earlier commitment that feedback will be provided to the University staff on the issues and opinions identified. A future edition of *Intercom* will include a complete summary of the issues identified during the open forums and from the questionnaire responses.

Draft report on space planning developed

The staff of the Office of Facilities Resources Management has developed a draft report on space and facilities planning at the University Park Campus.

James R. Dungan is director of Facilities Resources Management. Members of the Facilities Resources Committee (FRC) are William C. Richardson, executive vice president and provost of the University, who serves as committee chair; Steve A. Garban, senior vice president for finance and operations and treasurer; Charles L. Hosler, senior vice president for research and dean of the Graduate School; Richard E. Grubb, senior vice president and dean of the Commonwealth Educational System, and James M. Wagner, vice president for

business and operations.

The draft report has been forwarded to the Council of Academic Deans and to the President's Faculty Advisory Committee for their input.

It has been made available as well to the University Faculty Senate Committee on Academic and Physical Planning and will be discussed at the committee's meeting Tuesday, March 20. Dr. Dungan also has met with the student group that advises the FRC.

The report also is expected to be presented to the Board of Trustees Committee on Physical Plant at its May meeting.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304.

NETWORK LINE 433-0304. Applications for these staff vacancies will be accepted until March 29. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment Practices (FEP-1) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

* **Associate Director of Undergraduate Admissions, Undergraduate Admissions Office, Division of Undergraduate Education, University Park Campus** - Responsible to the director of undergraduate admissions for the coordination, planning, and management of a major admissions function relating to admissions' system and recruitment activities. Requires master's degree, or equivalent, plus two to three years of effective experience, or bachelor's degree, or equivalent, plus four to five years of effective experience in the administration of higher education. Must have strong oral and written communication and interpersonal skills, complete understanding of the role of volunteers in recruitment, strong organizational skills, and supervisory experience. TRAVEL TO VARIOUS UNIVERSITIES. LOCATIONS IS REQUIRED. STAFF GRADE 8.

* **Microcomputer Systems Consultant, Center for Academic Computing, Computer and**

Information Systems, University Park Campus - Responsible to the manager of Microcomputer and Personal Workstation Support for providing consultative support services regarding the selection, installation and implementation of microcomputer systems. Requires bachelor's degree, or equivalent, in computer science, electrical engineering or related fields, and one to two years of effective experience. In-depth knowledge of high-level, assembler and/or application programming languages also required. Excellent verbal and written communication skills, including the ability to communicate technical information to non-technical audiences, and demonstrated organizational abilities are essential. STAFF GRADE 6.

* **Assistant to the Dean, Office of the Dean, College of Engineering, University Park Campus** - Responsible to the dean for researching, analyzing, writing, and editing various reports, studies, proposals and planning documents. Follow trends, maintain information and data, prepare written or statistical reports, plan and supervise data development and preparation of special analyses, research and proposals. Requires bachelor's degree, or equivalent, with two to three years of effective experience and knowledge of proposal preparation, statistical techniques as well as analytical writing skills. STAFF GRADE 7.

* **Executive Director of Development, University Development, Division of Development and University Relations, University Park Campus** - Responsible to the associate vice president for development and university relations for the overall management and direction of constituent development staff and prospect management systems. Requires bachelor's degree, or equivalent, plus seven to 10 years of successful university experience in a development setting. Proven performance in fund-raising, good organizational, writing and speaking skills and a strong background

in administrative leadership are essential ingredients for the candidate. STAFF GRADE 10.

* **Assistant Women's Field Hockey Coach, Intercollegiate Athletics, University Park Campus** - Responsible for assisting with coaching the Intercollegiate Field Hockey program and for scheduling contacts; planning, organizing, and conducting recruiting campaigns; coordinating game and tournament arrangements; and assisting in conducting clinics and workshops. Requires bachelor's degree, or equivalent, plus one to one year of effective coaching experience in field hockey competition at the national level. Division I college level experience preferred. This is a 12-month standing position. STAFF GRADE 5.

* **Assistant Business Operations Analyst, Budget and Financial Operations, Commonwealth Educational System, University Park Campus** - Responsible to the assistant director for assisting in data analysis for planning, operational review, and policy studies and in the development and analysis of workload and financial indicators. Requires bachelor's degree, or equivalent, in business administration, finance, economics, statistics or related field with operational knowledge of business statistical analysis software, plus one to two years of effective experience. Experience in research data retrieval and analysis and report writing is preferred. STAFF GRADE 6.

* **Coordinator, Support Center, Management Systems, Commonwealth Educational System, University Park Campus** - Responsible to the assistant director, Management Systems, for the development and delivery of training and assistance to support CES administrative system users of Management Systems software tools and data. Provide technical and administrative direction to the development of standards and procedures within the Support Center. Requires bachelor's degree, or

equivalent, in computer science or related field, plus two to four years of effective experience involving both data processing and training activities. STAFF GRADE 7.

* **Surgical Technician, Nursing/OR, University Hospital, Hershey Medical Center** - Responsible to the RN circulating nurse/nurse manager for providing a sterile patient care operating room setting, for equipment and instrumentation set-up and operation, and providing surgical assistance during the operating room procedure. Requires graduate of an approved school of surgical technology with up to and including 12 months of effective experience. STAFF GRADE 3.

* **Nursing Manager, Nursing Administration, College of Medicine, Hershey Medical Center** - Responsible to the assistant hospital director/director of nursing services or the assistant director of nursing services as designated for the operation of the patient care unit. Requires a bachelor of science degree in nursing, or equivalent, plus three to four years of effective experience and licensed to practice as a registered nurse by the Pennsylvania State Board of Nursing. STAFF GRADE 7.

* **Coordinator, Campus Residential Life, Student Programs and Services, Altoona Campus** - Assist supervisor in determining policies and procedures for the supervision and coordination of the residence hall area. Conduct discipline hearings and issue sanctions for minor violations of the student code. Inquire on going communications with supervisor in the Office of Conduct Standards. Oversee the daily organization and operation of the residence hall area and staff. Requires bachelor's degree, or equivalent, plus at least one to two years of effective experience or a master's degree, or equivalent, in student personnel or related field with three to six months residence hall experience. This is a continuous 10-month live-in position. STAFF GRADE 6.

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7517.

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Stories from the March 16 and 17 Trustees meeting are on page 3.



INTERCOM

March 29, 1990

Volume 19, Number 27

Information submitted for publication in *Intercom* is due by noon on the Thursday before publication.

By the University Faculty Senate

Diversity requirement approved

The University Faculty Senate approved legislation mandating a cultural diversity requirement for undergraduate students at all University locations at its March 20 meeting.

William C. Richardson, executive vice president and provost of the University, told the senators he and President Jordan wholeheartedly support the Senate's efforts to integrate cultural diversity into the curriculum.

"While I had hoped that it might be feasible to implement the requirement for freshmen entering this coming academic year, the realities of implementation suggest that we implement it for freshmen entering the 1991-92 academic year," he said.

The Senate legislation will require all baccalaureate degree students to take either three credits of "diversity" courses or 12 credits of "diversity enhanced" courses. All associate degree students would be required to take either three credits of "diversity" courses or six credits of "diversity enhanced" courses. Courses which would satisfy the "diversity" requirement must focus on race, ethnicity, religion, gender, sexual orientation and/or global perspectives. "Diversity enhanced" courses would devote at least 25 percent of the time to these issues.

Students will be able to meet the requirement by taking the "diversity" or "diversity enhanced" credits in their major, minor, elective or general education courses. The

requirement should not increase a student's credit load.

The cultural diversity requirement was proposed by the Senate Committee on Undergraduate Instruction and was discussed at the Feb. 20 Senate meeting. In addition, students, faculty and staff members University-wide participated in a live teleconference on the cultural diversity requirement on March 12.

The University already offers a variety of general education courses which could satisfy the new cultural diversity requirement. The Undergraduate Instruction Committee has identified 49 courses listed in the breadth category of the "General Education" booklet which give substantial consideration to diversity topics.

Other existing courses may be revised to reflect the contributions of people of other cultures, and new courses may be developed in the future.

The Senate Committee on Academic and Physical Planning, which did a cost analysis for implementing the cultural diversity requirement, recommended that 15 curriculum development programs per year be offered at University Park and other campus locations to assist faculty in curriculum revision activities.

The committee, working from some broad assumptions, projects that from \$1 million to \$4.2 million will be needed University-wide to support the development and offering of "diversity" and "diversity enhanced" courses, G.

Gregory Lozier, committee member, said.

Some of the additional funds would be used for a half-time curriculum development coordinator in the Office of the Dean for Undergraduate Education and for release time for faculty members who would serve as resource personnel and program leaders.

During the debate on the proposal, which lasted one hour and 15 minutes, three amendments were offered.

One submitted by Ronald P. Danney, engineering senator, would have changed the amount of time devoted to diversity issues in "diversity enhanced" courses from one-fourth to one-third, thereby reducing the requirement for "diversity enhanced" courses from 12 to nine credits. It also took a credits, rather than courses, approach to the requirement, leaving room for the development of one- and two-credit "diversity" courses.

The amendment, which received support during the debate from other College of Engineering faculty members, was defeated 71-60. Peter C. Jurs, science senator, re-introduced the amendment, changing the requirement from nine to 12 credits. This amendment passed.

A third amendment offered by Jovita M. Ross, education senator, would have included the categories of "language minority" and "differently abled" among the topics considered part of the "diversity" requirement. It failed.

Faculty Senate approves tenure clock legislation

Tenure-eligible faculty members will have the option of requesting a temporary stopping of the tenure clock to deal with special circumstances, following passage of legislation by the University Faculty Senate 20.

A proposal by the Senate Committee on Faculty Affairs was approved for inclusion in PS-23, the promotion and tenure policy. The new guidelines, which will be developed by the University administration, will permit a special exemption to be granted for one academic year. During that period, a faculty member would not be evaluated for tenure, and the year would not count toward tenure eligibility.

Examples of circumstances which would be considered for stopping the tenure clock are birth or adoption of a child, serious personal illness or seriously ill family member requiring care.

A written request would be made to executive vice president and provost. At the end of the one-year period, the faculty member would continue on the tenure track.

The proposal was first recommended by the Strategic Study Group on the Status of Women. The University Child Care Task Force recently recommended that a similar

policy be adopted.

In other action,

the Senate Committee on External Affairs presented an advisory and consultative report proposing the appointment of a task force to study the feasibility of creating and applying an economic impact model for Pennsylvania. The proposal was approved.

The committee's report notes that many state universities provide impact assessment services for their states. If Penn State developed such a model, it could assist local and state governments, planning/development agencies, businesses and environmental groups, while also fulfilling its service mission.

The Committee on Faculty Affairs presented a five-part annual affirmative action report from the Campus Environment Team, Affirmative Action Office, Commission on Racial/Ethnic Diversity, Commission for Women and Search Committee for Vice Provost for Underrepresented Groups.

The Committee on Libraries presented an update on the University Libraries from Nancy Cline, dean, University Libraries.

Dean Cline noted that in 1988-89 more than 2.6 million patrons used the University Libraries at University Park, enough to fill Beaver Stadium 31 times. Yet the Libraries have only 45 volumes per full-time equivalent student, spend \$76 on library materials per FTE student and have an FTE student/librarian ratio of \$90 to 1. In addition, facilities can seat only 0.6 percent of the University population, compared with a national average of 20 to 30 percent.

The Committee on Committees and Rules presented three proposals dealing with Senate subcommittees, which were approved. A fourth proposal on including senior lecturers and lecturers in the Senate electorate also was passed.

The University Writing Subcommittee was made a standing committee within the Committee on Curricular Affairs, and Curricular Affairs was given oversight responsibility for the writing and general education subcommittees. In addition, the vice provost and dean for undergraduate education was made a member of the Committee on Commonwealth/Continuing Education.

Two Alumni Fellows are scheduled to visit University

Edivaldo Machado Boaventura, professor of educational administration, Federal University of Bahia, Brazil, and John H. Stanford, director of plans and resources, U.S. Transportation Command, Scott Air Force Base, Belleville, Ill., will visit the University as Alumni Fellows in April.

Dr. Boaventura will visit the College of Education April 2 to 5, and Maj. Gen. Stanford will visit the College of the Liberal Arts April 3 to 6.

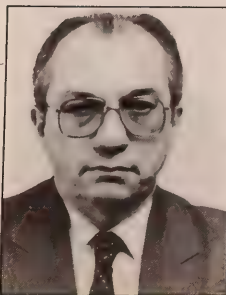
The Alumni Fellow award, presented by the Penn State Alumni Association, is the most prestigious of the association's awards. It is administered in cooperation with the colleges. The Board of Trustees has designated the Alumni Fellow title as permanent and lifelong.

Dr. Boaventura, a resident of Salvador, Bahia, Brazil, received his bachelor's degree in law and social science from the Universidade Federal da Bahia and his

master's (1980) and doctorate (1981) in advanced study in educational administration from Penn State.

A member and past president of the Bahia chapter of the Partners of Americas, he was instrumental in establishing links with Pennsylvania as a sister State. He also is a member and former president of the organizing board of the Brazilian National Eucharistic Congress and vice president of the French-Brazilian Cultural Center, Alliance Francaise, Bahia.

Maj. Gen. Stanford, a native of Yendon, Pa., received his bachelor's degree in political science from Penn State (1961) and master's degree in personnel management and administration from Central Michigan University (1975). Previously, he was commanding general of the U.S. Army Military Traffic Management Command in Falls Church, Va.



Edivaldo M. Boaventura



John H. Stanford

(Continued on page 3)

Focus on Diversity

Women's Studies Program celebrates 10th anniversary

The 1980-90 academic year marks the 10th anniversary of the Women's Studies Program. To highlight this milestone, the week of April 2 to 6 has been designated Women's Studies Week.

Women's Studies Week events began Monday, April 2, with a dinner at the Atherton Hilton. Marian U. Coppersmith, president, The Barash Group, and vice chairperson, University Board of Trustees, will be the keynote speaker.

In addition to her continued support of the Women's Studies Program, the Mimi Barash Coppersmith Endowed Scholarship in Women's Studies has been created to honor Mrs. Coppersmith. The purpose of this scholarship will be to provide

recognition and financial assistance to outstanding students in the College of the Liberal Arts who are minoring in women's studies.

A Celebration of Global Feminism will be held at 7 p.m. Tuesday, April 3, in the HUB Gallery at University Park. It will provide an opportunity to celebrate the achievements of women from around the world, including South Africa, Greece, Puerto Rico, Chile, Nicaragua and Ghana, through poetry readings, music and dance.

On Wednesday, April 4, a speakout on contemporary issues facing women will be held at 7 p.m. in the Living Center, Henderson Human Development. Scheduled speakers and topics include:

Phyllis Mansfield, associate professor, health education and women's studies, on critical issues in women's health; Donna Hughes, lecturer, women's studies, and co-facilitator of a Sexual Assault Survival Group, Centre County Women's Resource Center, on battering within relationships; and Alnisa Allgood, educational co-director, Lesbian and Gay Student Alliance.

The final lecture of the 1989-90 Six Feminist Scholars Lecture Series will be held at 8 p.m. Thursday, April 5, in the HUB Gallery. Margaret Rossiter will speak on "Women Scientists: 1940-70." In addition to being a Rockefeller Foundation Fellow, professor of history of science and faculty associate, Science, Technology and Society Program at Cornell University, she is the recent recipient of the MacArthur Award and the author of several books. The lecture is co-sponsored by the departments of History and Health Education, colleges of Science, Engineering and the Liberal Arts, Institute for the Arts and Humanistic Studies and the Center for Women Studies.

Women's Studies Week concludes on Friday, April 6, with the eighth annual Women's Studies Student/Faculty Colloquium Day devoted to gender-related research interests. Among the scheduled papers to be presented are: "Women's Roles



Marian U. Coppersmith

and Education in Rural Guatemala," "The Portrayal of Women in Fairy Tales" and "The Search for the Self in Non-Western Women's Writing." The conference will be held from 9:30 a.m. to 4:30 p.m. in 305 HUB.

All events, except the dinner, are free to the public.

For more information, contact the Women's Studies office, 13 Sparks Building, 863-4025.

Women's studies conference is scheduled

The eighth annual Women's Studies Student/Faculty Conference will be held from 9 a.m. to 4:30 p.m. Friday, April 6, in 305 Hetzel Union Building at University Park.

The conference offers students and faculty members an opportunity to share their research on gender-related topics with the University community.

Some of the topics to be discussed include the portrayal of women in fairy

tales, mother/daughter perceptions of women's roles, women's roles and education in Guatemala, gender differences among the Kalahari !Kung, Margaret Thatcher's rhetoric, as well as studies of women in literature.

The daylong conference will include two roundtable discussions: at 11:30 a.m. on women and science and at 3:30 p.m. on "The Search for the Self in Non-Western Women's Writings."

Women of Color sponsoring panel

A panel on Asian Pacific American issues will be held at 7:30 p.m. Thursday, April 5, in 305 HUB at University Park.

Speakers will be Tommy Woon, assistant dean of student support services and director of Asian American affairs at Oberlin College, Ohio, and Caroline Chang, Region I manager of the Department of Health and Human Services, Office for Civil Rights in Boston.

The sponsor is the Central Pennsylvania Women of Color, with funding from Penn State's Equal Opportunity Planning Committee.

Mr. Woon will speak on "Deconstructing the Model Minority Myth." A consultant in race awareness training, he is a professional counselor and has taught courses in Asian American studies, counseling and interpersonal communications.

He has a bachelor's degree from University of California at Davis and a master's degree from California State University at Sacramento.

Ms. Chang started with the U.S. Department of Health and Human Services' Office for Civil Rights as a civil rights investigator and later became region I manager in 1982. Prior to that, she was the first manager of Boston's Chinatown Little



Caroline Chang

City Hall, where she helped develop community service organizations.

Her activities include serving as a board member of the Asian Community Development Corporation and of the National Institute for Women of Color. She has a bachelor's degree from Boston University and a J.D. degree from Suffolk University Law School.

Schedule for Spring Holy Days

The following information on Spring Holy Days has been provided by the Office of Religious Affairs:

Ramadan: The month-long celebration of Ramadan is one of the central holidays in the Muslim faith. During this whole month, it is obligatory for every Muslim (with a few exceptions) to fast from the first light of dawn until sunset. The purpose of the fast is to generate and foster one's spiritual and moral consciousness, and one's commitment to obey the Divine law. This celebration takes place during the ninth month of the Muslim calendar (lunar), that time when the revelation of the Qur'an began, and concludes with the festival of the Eid ul-Fitr. This year Ramadan will begin on March 25 or 26.

Holy Weeks: Holy Week is observed in the Christian faith. It begins 40 days after Ash Wednesday on Palm Sunday, the day which marks Jesus' entry into Jerusalem during the last week of his life. Maundy Thursday marks the night of the Last

Supper and betrayal of Jesus by Judas. Good Friday commemorates the crucifixion. Holy Week culminates with the celebration of Jesus' resurrection on Easter Sunday. This year Holy Week begins on April 8.

Passover: The eight-day Jewish festival of Passover commemorates the exodus of the ancient Israelites from Egypt. Its name is derived from the passing over or sparing of the houses of the children of Israel during the plague of the first-born (book of Exodus 12:13). The festival begins with the celebration of the ritual Seder meal, the most important home ceremony in the liturgical year. This year Passover begins on April 9 at sundown.

Ridvan: Ridvan is celebrated in the Baha'i faith which originated in the mid-19th century. It marks the date when Baha'u'llah declared himself to be the "prophet-whowas-to-come" of whom Bab-ul-Din had spoken. It is after this prophet that the Baha'i faith is named. This year Ridvan is April 21.

Mitch Walking Elk

The Native American Indian Student Association is sponsoring Mitch Walking Elk in concert at 7:30 p.m. Friday, March 30, in the Hetzel Union Building Fishbowl at University Park.

Musician Mitch Walking Elk is famous for songs that identify with the Indians' struggle to keep their spiritual and religious traditions while living in a world of conflicting values. He combines Indian, country, rock and blues in his albums "Dreamer" and "Indians."

Descendant from the Cheyenne, Hopi, Arapaho and Choctaw tribes, Elk relates to the difficulty many Indians have living in two worlds. As a troubled teenager, Elk's lyrics send messages of hope to help other Indian people.

Walking Elk has performed with Michael Johnson, Leo Kottke and Ritchie Davis and has shared the stage with Kris Kristofferson and Angela Davis. The concert is free and open to the public.

Diversity Calendar

Monday, April 2

Human Resources Development Courses, 1:15 p.m. to 4:30 p.m., Rider Building. Course on affirmative action. No cost.

Tuesday, April 3

Women Studies, 7 p.m., HUB Gallery. Women's Studies Week open "Speak Out" discussion.

Project Growth, 8 p.m., HUB Ballroom. Informative discussion about Passover.

Wednesday, April 4

Paul Robeson Cultural Center, 7 p.m., Paul Robeson Cultural Center Conference Room. A 22nd Annual Black Arts Festival Invention Film and Discussion program. Film to be announced.

Lesbian Gay Student Alliance, 7 p.m., HUB Gallery Lounge, Lesbian and Gay Film Festival film titled, "Labor More Than Once."

Thursday, April 5

Women Studies, 8 p.m., HUB Gallery. Lecture titled, "Women Scientists: 1940-1970."

'Touch of Africa'

Penn State African students will sponsor "Touch of Africa," an annual celebration featuring African food and a live band with African music, from 5:30 p.m. to midnight Friday, April 7, in the HUB Ballroom at University Park. The cost of \$9 for adults and \$4 for children under 12 also includes dances and a fashion show. Tickets are on sale in the Paul Robeson Cultural Center.

This year's president of Penn State African students is Dekote Woods of Liberia. Salif of Niger is secretary; Peter Gitau Kimani of Kenya is treasurer; and Maurice Mangoli of Kenya is serving as public relations officer.

For more information about African Student activities, contact Maurice Mangoli at (814) 865-3776.

Women's Alliance

Corene Johnston, a nurse practitioner with Family Health Services Inc., will discuss "You, Me, and Tina Turner: A Look at Women's Health Issues" at a meeting of the Women's Alliance at 4:30 p.m. Wednesday, April 4, in the community room of Schlow Library, State College.

Her presentation will include a consideration of nutrition and exercise, sexuality, menopause, osteoporosis, and the politics of women's health care.

The Women's Alliance provides opportunities for community and campus-affiliated women to meet on a regular basis for discussion, networking, and advocacy activities.

For further information, contact Deborah Klevans, 865-6769.

Wilkes-Barre Center for Technology to be dedicated

President Jordan will be the special guest at the Penn State Wilkes-Barre Campus Thursday, April 5, for the dedication of the new Center for Technology in the Bell Atlantic/Bell of PA building.

The campus is planning a three-day series of events April 5, 6 and 7 to celebrate the dedication, including a symposium on the relationship of Science, Technology and Society, a Science Fair for high school students, and an address by futurist and author, Marvin J. Cetron.

Among the featured speakers will be Dr. Rustum Roy, director of the Science, Technology and Society SIS program at Penn State, and representatives of the

College of Engineering, including Joseph DiGregorio, associate dean; Wayne Hager, department head; George McMurtry, associate dean; and William Welsh, associate professor of engineering, Penn State Harrisburg.

"We are calling the three days of special events TECH EXPO '90," said James H. Ryan, campus executive officer at Penn State Wilkes-Barre, "and we are providing a program that will interest all ages."

TECH EXPO '90 will begin with the dedication of the new building at a public ceremony at 1:30 p.m. Thursday by President Jordan, William Harral, vice president of external affairs and chief

financial officer for Bell of PA, will be the other featured speaker.

The Center for Technology opened for classes in January, and has laboratories in biomedical equipment technology, electrical and mechanical engineering technology, surveying technology, and telecommunications technology. It also houses a teleconference auditorium for satellite conferences and an astronomy dome. A community campaign raised \$2.8 million of the \$5.8 million construction cost.

An open house for the public from 2:30 to 4 p.m. will include guided tours by the Student Government Association.

Penn State alumnus Marvin J. Cetron will give the keynote address on "Educational Renaissance: How to Improve Our Schools by the 21st Century" at 7:30 p.m. Thursday, in the Tech Center Auditorium. TECH EXPO '90 will continue Friday, April 6, with the STS symposium, beginning at 9 a.m.

The symposium will continue on Saturday, April 7, with the reading of relettered papers and a luncheon for Penn State engineering and engineering technology alumni and members of the Pennsylvania Society of Professional Engineers.

Faculty/Staff Alerts

U.S. Savings Bond program

The University is again participating in the U.S. Savings Bond program. The 1990 campaign emphasizes that purchasing U.S. Savings Bonds through payroll deduction is "The Main Street of the American Dream."

The focus of this year's promotion is on the new "tax-free for education" feature. An information packet regarding U.S. Savings Bonds is being sent to all full-time Penn State faculty and staff members the last week of March.

Not only are bonds an investment of unmatched security, they also are -- thanks to a market-based interest rate -- highly competitive with other savings and investment vehicles. Earning interest at a rate based on 85 percent of the average yield on five-year Treasury securities, compounded semiannually, bonds are as profitable as they are patriotic.

Beginning with savings bonds purchased in 1990, the interest earned on Series EE bonds, already exempt from state and local taxes, may be completely tax free when used to pay tuition and fees at colleges, universities and qualified technical schools during the year they are redeemed. To qualify, bonds must be purchased by parents in their own names, and certain income limitations must be met at the time of redemption.

Bonds are guaranteed as to principal and

interest by the U.S. government and can be replaced without charge by the Treasury Department if lost, stolen, or destroyed. Payroll deduction offers an easy and convenient method of systematic saving. Bonds are available by payroll deduction in denominations of \$100, \$200, \$500, and \$1,000, each costing one-half of its face value.

Questions regarding the U.S. Savings Bond program should be directed to the Employee Benefits Division, 205 Rider Building, (814) 865-1473 or Network 475-1473.

Audio-Visual Services

Audio-Visual Services has made the decision to discontinue support of 3 1/4" U-Matic videotape and playback equipment. AVS will provide a free transfer service for faculty who hold personal copies of 3 1/4" videotape until Aug. 3, 1990.

U-matic 3 1/4" tapes may be submitted for transfer to VHS at 26 Willard Building, 1 Health and Human Development East, and 6 Sparks Building. For additional information, call 865-5400.

PSEOP established the award to give recognition to University staff who have provided exceptional meritorious service on behalf of Penn State.

For a nomination form, contact your Personnel Representative or either Virginia Struble, 865-7515, or Kathy House, 863-3668, co-chairs.

News in Brief

Spring Week

The annual Spring Week at University Park has been expanded this year to a University-wide event.

Theme of the event, which will feature a number of new attractions including a carnival, is "PS&U-The '80s in Review." Proceeds from Spring Week will go to the Big Brothers/Big Sisters organization, coordinated by the Centre County Youth Service Bureau.

Among Spring Week attractions are: March 31, Spring Week Carnival, IM fields near Beaver Stadium; Sunday, April 1, ice skating night, Ice Pavilion; Monday, Tuesday, April 2, spring games, HUB lawn; Tuesday, April 3, chariot races, Fairmount Street, State College; Wednesday, spaghetti eating contest, HUB lawn; Thursday, April 5, laser show, HUB lawn; Friday, April 6, first annual benefit show, Eisenhower Auditorium; Saturday, April 7, Phi Sig Suppers.

Old Main open house

The Lion Ambassadors will host the 1990 Old Main Open House from 9 a.m. to 4 p.m. Thursday, April 5. Students, faculty, and the general public will be able to tour the building.

As part of the Open House, visitors will have an opportunity to view the

campus and valley from the Old Main bell tower.

The Lion Ambassadors are sponsored by the Penn State Alumni Association and the Office of University Development.

Office personnel award

April 11 is the deadline for submission of nominations for the fifth annual Outstanding Office Personnel Award sponsored by the Penn State Chapter of Educational Office Personnel (PSEOP).

PSEOP established the award to give recognition to University staff who have provided exceptional meritorious service on behalf of Penn State.

For a nomination form, contact your Personnel Representative or either Virginia Struble, 865-7515, or Kathy House, 863-3668, co-chairs.

Stone Valley

The Stone Valley Recreation area, located 14 miles south of University Park off Route 26, will open for the 1990 season on Saturday, April 7. Activities available include boat rentals, boating, picnicking, hiking, and fishing (season opens April 14). Rental cabins, which are available year-round, and group rental facilities also are featured.

Special programs for individuals and

Physicist to present Waynick lecture

Friedrich Ulf von Zahn will present the seventh annual Arthur H. Waynick Memorial Lecture at 8 p.m. Saturday, April 7, in 112 Walker Building at University Park.

Dr. von Zahn, professor of physics at the University of Bonn, Germany, is well known for his work on the structure and composition of the atmosphere above 75 km altitude, as measured by ground-based laser, surrounding rockets, and satellites. He also has investigated the upper atmosphere of the planet Venus by means of a gas analyzer aboard the NASA pioneer Venus Multiprobe.

Dr. von Zahn, currently visiting professor in the College of Engineering and distinguished associate member of the Communications and Space Sciences Laboratory, will discuss the atmospheres of Earth, Venus, and Mars.

Research of the past three decades has revealed that, although the three atmospheres all originated from a common source of gas and grain particles, they actually differ substantially from each other. The atmospheres of these three planets are serving scientists today as a laboratory for testing theories on processes acting in these atmospheres.

Lecture on Japan

Mineo Nakajima, professor of international relations at Tokyo University of Foreign Studies, will discuss "How Japan sees the U.S., China, and Taiwan" at 7:30 p.m. Wednesday, April 4, in Room 214 Bouckle Building at University Park. A reception will follow in the International Lounge, Room 222 Bouckle.

The lecture, which is free and open to the public, is part of the Distinguished Lecture Series on Japan sponsored by the Center for East Asian Studies and the East Asian Studies Society.

Dr. Nakajima is one of the most prolific writers in Japan and a well-known commentator on Japanese television. He has written more than 100 books and 100

articles on subjects such as Japan's foreign policy, U.S.-Japan relations, Japanese-Soviet relations, Sino-Japanese relations, and political/economic developments in Taiwan, Korea, and the People's Republic of China. Dr. Nakajima received his B.A. in 1960 and his Ph.D. in sociology and international relations in 1965, both from Tokyo University.

Alumni Fellows

(Continued from page 1)

A veteran of the Vietnam conflict, he was the administrative assistant to Defense Secretary Casper Weinberger during the Reagan administration.

HUB blood drive

The American Red Cross will be conducting its last blood drive in the Hetzel Union Building this semester on Wednesday, April 4, and Thursday, April 5. It will be held in the HUB Ballroom from 10 a.m. to 4 p.m. both days.

Faculty and staff are asked to support this important activity by coming to donate their pint of blood. The entire donation process takes about an hour, and this includes the mini-physics and refreshments afterwards.

Though "walk-ins" are welcome, appointments help with for planning purposes, and traffic flow. To make an appointment, or for more information, please call Connie Schroeder, Red Cross campus coordinator, at 237-2713.

Textbook deadlines

Faculty members are reminded of the following deadlines for textbook submission to the Penn State Bookstore: Summer Intercession, April 1; Summer Session, April 1; Fall Semester, April 15; and Spring Semester, Oct. 15.

Textbook submissions should be sent to the Penn State Bookstore at University Park Campus. For more information, contact David Mullerberger at 863-4373 or Barbara Crowley at 863-3277.

groups are offered on a regular basis or by appointment throughout the spring and summer. An outdoor recreation day camp program for elementary school age children will be offered this summer.

For program details and general information, contact the Stone Valley Recreation Area at (814) 863-0762 or (814) 667-3792.

York Campus acquires land

The Penn State York Campus nearly tripled its campus size this month when the York City Council passed a resolution approving the sale of 33 acres of park land to the campus for \$1. The area, known as "Rotary Woods," is adjacent to the campus and has not been developed by the city.

Penn State York's initial plans include removing trash and debris from the area, developing trails and paths in and through the wooded areas, constructing a regulation size soccer field with appropriate bleachers and other equipment, as well as two youth soccer fields.

Long-range plans include constructing an auditorium for the joint use of the campus and general public, as well as an open air facility for the summer use of the York Symphony Orchestra.

Focus on the arts

The arts on Channel 3

In 1557 a young peasant named Martin Guerre returned to his wife and family in a French village after an absence of nine years. "The Return of Martin Guerre," airing at 9 p.m. Friday, March 30, on WFSX-TV, is an engaging drama of love, greed, revenge and justice that has become a cause celebre. The romantic tale of Martin Guerre and his young wife, Bertrande de Rols is told against the backdrop of a 16th-century peasant village. "Navajo," airing at 2:30 p.m. Sunday, April 1, on *Art Underfoot*, travels to the Navajo reservations of Arizona and New Mexico, to the 19th-century trading posts still operating today and to a Navajo woman who sits on the plain, weaving in a centuries-old manner she predicts will soon be a lost art.

Medieval Fair

Rare livestock breeds, food of the times, music, dance, educational exhibits and demonstrations of medieval agricultural practices will highlight the Medieval Agricultural Fair March 31 and April 1 at University Park.

Visitors are invited to see the continuity and change in life and agricultural practices from the 1200s to today. The fair, which is free to the public, will be held from 1 to 5 p.m. on Saturday and 10 a.m. to 3 p.m. on Sunday in the Intramural Building at the corner of Curtin Road and University Drive.

Vickie Ziegler, chair of medieval studies, says "The fair addresses on a more concrete and visual level themes of the 1990 Medieval Studies conference, People of the Plough: Land and Labor in Medieval Europe, which begins Friday, March 30."

Faculty in the College of Agriculture will be on hand in the animal tent outside the IM Building to discuss medieval breeds and breeding practices that have applications today. Inside will be educational and commercial exhibits and demonstrations on medieval food and modern adaptations.

Craft displays will include spinning techniques from medieval to colonial times, medieval articles made of horn and vegetable drying. In addition, students in the Food Science Club will have sausages and other foods of the period on sale, and music and dances will be performed throughout the two-day fair.

The public also is invited to attend the Friday evening medieval banquet at Tussey Mountain Inn on Route 322 in Boalsburg. The medieval dinner features period foods, decorations, music and the performance of a medieval play, based on the Book of Ruth and lost for more than 500 years.

Reservations for the banquet are accepted on first-come basis and must be made through the Keller Conference Center (814) 865-4564. The cost is \$17.50.

Those who would like to learn more about agricultural practices in medieval times and those that are applicable today, may register to attend conference sessions on Friday and Saturday morning, March 30 and 31.

For information about the fair and the banquet, contact Dr. Ziegler, 5323 Burrows Building, University Park, (814) 865-5481. For conference and banquet registration, contact Bill Sterner, Keller Conference Center (814) 865-9173.

Symphonic Blue Band

Dale Underwood, an internationally known saxophone soloist and master chief musician with the United States Navy Band, will join the Penn State Symphonic Blue Band for its annual spring concert at 3 p.m. Sunday, April 1, in the Eisenhower Auditorium at University Park.

Mr. Underwood, known for his expressive tone and virtuosic technique, will perform several selections, including Claude Smith's "Fantasia for Saxophone," written for Underwood, and "Oodles of Noodles."



From left are Mimi Coppersmith, Samuel Fredman, Michele Fredman and Kahren Arblman, director, Palmer Museum of Art, with an Agam serigraph presented to the Museum by the Fredman family.

The Symphonic Blue Band will perform a variety of music, including the classic "Capriccio Italiane" by Tchaikovsky and the modern "Tribute" by Mark Camphouse. The entire flute section will perform "Canticle" by the neo-romantic Del Borgo. The trumpet trio will play "Bugler's Holiday" in memory of John Scott, a fellow trumpet player who died this year.

A member of the Navy Band since 1968, Mr. Underwood travels throughout the country as a performer, recitalist and clinician. He has been featured with the Boston Pops Orchestra; the Scarborough Orchestra, Canada; and the Cascade Music Festival, Oregon.

The Symphonic Blue Band is conducted by Ned C. Dehl, professor of music education in the School of Music. He is assisted by Brad Townsend.

Mr. Underwood also will conduct a saxophone clinic at 1:30 p.m. Saturday, March 31, on the stage of Eisenhower Auditorium. Both the concert and clinic are free to the public.

Ensemble honored

Centre Dimensions, the top jazz ensemble from the School of Music, has been selected the outstanding big band at the Elmhurst Jazz Festival in Chicago.

Bands representing 29 colleges and universities from states including Ohio, Illinois, Indiana, Missouri, Michigan and Wisconsin participated in the festival.

Under the direction of University faculty member Dan Yoder, Centre Dimensions was invited to perform in the final concert of the festival.

In addition to the band's award, 12 individuals were cited for outstanding performances, including Jeffrey Kunkel, Greg Hardner, Jeff Parker, Anthony Zugel, Brian Watson, Terry Rowlyck, Erik McDonough, Tom Riccobono, Mark Nef, Duane Shimmel, Jose Carrera and Deena Walters.

Issac Stern to perform

Issac Stern, one of the most distinguished musicians of our time, will be the featured soloist when the Baltimore Symphony Orchestra plays at 8 p.m. Tuesday, April 3, in Eisenhower Auditorium at University Park.

The special program will include a concerto for violin and orchestra written especially for Mr. Stern by the preeminent French composer Henri Dutilleul.

Leading the Baltimore Symphony Orchestra is David Zinman, who has conducted all the major ensembles in the United States and Canada. In the past five years as music director, he has brought the Baltimore Symphony to national and international attention.

Mr. Stern, who will be 70 years old this July, has been awarded honors from around the world including Musician of the Year, Artist Laureate, Grammy Lifetime Achievement Award and the Albert Schweitzer Music Award. A master

violinist and humanitarian, he epitomizes excellence in performing.

For the first half of the evening, he will play two pieces by Mozart for violin and orchestra, Adagio in E Major and Rondo in C Major. Then Mr. Stern will perform Dutilleul's "L'Arbre des songes" (The Tree of Dreams) written for him in 1985.

The second half of the concert will be filled by Berlioz' masterpiece "Symphonie fantastique" with its myriad of tonal colors and orchestral effects. Under Mr. Zinman's direction, the orchestra has recorded an all-Berlioz album for Telarc.

Tickets are available from the Eisenhower Auditorium Ticket Center, open weekdays, 8:30 a.m. to 4:30 p.m. For more information, call (814) 863-0255.

Work donated to museum

A serigraph by Israeli artist Yaacov Agam has been presented to the Palmer Museum of Art by the family of Samuel G. Fredman in honor of the marriage of Mimi Ungar Barash Coppersmith and Samuel Fredman, which took place Feb. 24. The print, "Integrated Rainbow," was on display in the second-floor Stairwell Gallery of the museum.

The work is Mr. Agam's artistic expression of his belief that God appears in elusive, fleeting images, such as a rainbow.

Mr. Agam is Israel's most famous contemporary artist. Best known for his kinetic and optical works begun in the 1950s, he uses color strips from the entire color spectrum in his works. These strips often change into patterns or objects, depending on where the viewer stands.

Zoller exhibit

Works inspired by abandoned collieries and disintegrating factories and created by mixed media sculptor Allen C. Topolski will be on display April 3-13 in the Zoller Gallery at University Park.

Mr. Topolski is a master of fine arts candidate in the School of Visual Arts. Many of the images of Mr. Topolski's work emerge from his birthplace, Shamokin.

Altoona Campus

"Selections from Ten Years of Drawing," a one-man show of work by Michael Lucas, is on display in the Sheetz and McLanahan Galleries at the Penn State Altoona Campus through Friday, April 6.

DuBois Campus

The Bert Seager Jazz Quintet, a Boston-based, mainstream, modern bebop quintet,

The exhibition is free to the public. Zoller Gallery is open 9 a.m. through 5 p.m. Monday through Friday, 11 a.m. through 4:30 p.m. Saturday and noon through 4 p.m. Sunday.

Women's Chorus

The Penn State Women's Chorus will present its annual spring concert at 8 p.m. Wednesday, April 4, in the Recital Hall in the School of Music at University Park.

The 75-voice group will perform "Four Songs" for women's voices, two horns and harp by Johannes Brahms and other selections for women's voices.

The Keynotes, a 14-voice specialty group selected from the Women's Chorus, will be joined by the Hi-Lo's from the Penn State Glee Club for the premiere of an arrangement of "Seven Chopin Songs" by Glee Club Director Bruce Trunkley.

The Keynotes also will sing "Someone to Watch Over Me" and "I've Got a Crush on You" written by George and Ira Gershwin.

The Women's Chorus and Keynotes are directed by Russell Bloom, graduate student in the music education program.

Jane Austen lecture

Marilyn Butler, King Edward VII professor of English literature and chair of the English Department at Cambridge University, will present a lecture on "Gender and Class in Jane Austen" at 8 p.m. Wednesday, April 4, in 101 Kern Graduate Building at University Park.

A leading authority on the relationship between English literature and society in the 18th and 19th centuries, Professor Butler has written extensively on Jane Austen and other women novelists of the Romantic period, and has recently co-edited, with Janet Todd, the collected works of pioneer feminist Mary Wollstonecraft.

In her provocative study of "Jane Austen and the War of Ideas," published in 1975 and reissued with a new introduction in 1987, Professor Butler challenges the traditional notion that the novelist took no interest in the public events and political issues of her time. By placing the novels in the context of contemporary fiction, she reveals Austen as a partisan writer on the conservative side in the ideologically charged atmosphere of the French Revolution and the Napoleonic Wars.

Professor Butler's lecture, sponsored by the English Department and the Institute for the Arts and Humanistic Studies, is free and open to the public.

Odyssey on WPSU

In the eighth or ninth century, the Celts in Ireland, like most of their European neighbors, decided that they wanted to be descended from the great Classical and Biblical heroes. So they created such a history for themselves, explains Proincais Ni Chathain on the next "Odyssey Through Literature" episode, "Celtic Paths."

Ni Chathain is professor of early Irish

(Continued on page 7)

The arts at...

will perform at 7:30 p.m. Wednesday, April 4, in the Multipurpose Building Gymnasium at the Penn State DuBois Campus.

Penn College

Joy Harjo, a Native American poet of the Creek Tribe, will give a reading of her poetry in the Academic Center Auditorium at the Pennsylvania College of Technology at 7 p.m. Thursday, April 19, as part of the College's Women's Series.

University Park Calendar

March 29— April 8 Special Events

Thursday, March 29

1990 Meeting of the American Comp. Lit. Assoc., Keller Conference Center, through March 31.

Brown Bag Lunch/Lecture, 12:10-12:50 p.m., Palmer Museum of Art, Michael Tomor on "Charles Natoire and Carlo Van Loo at the Accademia Nazionale di San Luca. 1725 and 1728."

Bach's Lunch, 12:10 p.m., Eisenhower Chapel, Penn State Percussion Ensemble.

Ethics in America, Ethics in Medical Research, videotape presentation and discussion, 3 p.m., Eisenhower Chapel, "Ethics and Harm: The Human Experiment."

Center for the Performing Arts, Artistic Viewpoints Lecture Series, 7 p.m., Greenroom, Eisenhower Aud. Julian Thayer on Paul Winter Consort.

Lebanian and Gay Film Festival, 7 p.m., HUB Assembly Room. *Veronica 4 Rose* or *Veronica Lives Rose*.

Center for the Performing Arts, 7 p.m., Eisenhower Aud. Paul Winter Consort.

Friday, March 30

Geog. Coffee Hour, 4 p.m., 319 Walker. Ed. Soja, UCLA, on "Taking Geographies Apart: A Critical Reading."

Shaver's Creek, Old Maple Sugar Camp, Grades 5 and 6, 6 p.m.-10 a.m., through March 31. Call 863-2000.

Medieval Banquet, 6:45 p.m., Tussey Mountain Inn. Music by the Nova Consort, Medieval Drama, "The Marriage of Ruth and Boaz," translated by Alan E. Knight, produced and directed by Michael P. Bernosky.

Saturday, March 31

Center for East Asian Studies, luncheon lecture, 12:30-1:30 p.m., Kern Graduate Center Cafeteria. Frank B. Gibney on "A New Japanese Translation Project: Correcting the Cultural Trade Imbalance."

Medieval Fair with talks and demonstrations, Intramural Building, 1 p.m., Morris dancing by the Society for Creative Anachronism; 1:30 p.m., Melvin K. Dutrow and Gary Homan on hog butchering.

Shaver's Creek, Woodcock Walk, 5:30-7:30 p.m. Call 863-2000.

Sunday, April 1

Shaver's Creek, 8 a.m.-noon, Pledge-A-Bird; 2-4:30 p.m., Digging Massenburg's Past. Call 863-2000.

Medieval Fair with talks and demonstrations, Intramural Building, 10:30 a.m., Bill Russell on herbs; 11:30 a.m., Loren Tukey on espaliered and trellised apples; 1 p.m., Morris dancing by the Society for Creative Anachronism; 1 p.m., horse shoeing in the animal tent; 3 p.m., dances and songs with Nova Consort.

School of Music, 3 p.m., Eisenhower Aud. Ned Deihl, Penn State Symphonic Blue Band. Carnegie Hall Film Series, 7 p.m., *Chinua Achebe* (1957); 8:45 p.m., *Seventeen* (1982); 4 Carnegie Free.

Monday, April 2

Comp. Lit. Luncheon, 12:15 p.m., 101 Kern. Susan Puvacic, Univ. of London, on "Ivo Andric and the Jews."

Honorary Engineering Lecture, 4 p.m., 104 Keller. Donald M. Alstath, Lord Corp., on "The Role of Corporate American Interrelationship in the Promotion of Legitimate Purpose of the Corporation." Free. School of Music, 8 p.m., Recital Hall. University Brass.

Tuesday, April 3

Shaver's Creek, Mini-Natural History Course, 6-9 p.m. Call 863-2000.

Women Studies Week, 7 p.m., HUB Gallery. Presentation on "Global Feminism." Also April 4, 7 p.m., Living Center, Health/Human Dev. "Contemporary Issues Facing Women." April 5, 8 p.m., HUB Gallery, Margaret Rositer. Cornell on "Women Scientists: 1940-70." April 6, 9:30 a.m.-4:30 p.m., 305 HUB, Women's Studies Student/Faculty Conference.

Center for the Performing Arts, 8 p.m., Eisenhower Aud. Isaac Stern with the Baltimore Symphony Orchestra.

Wednesday, April 4

Distinguished Lecture Series on Japan, 7:30 p.m., 214 Boucke. Mineo Nakajima, Tokyo Univ., on "How Japan Sees the U.S., China and Taiwan."

School of Music, 8 p.m., Recital Hall. Women's Chorus.



Isaac Stern will be the soloist for the Baltimore Symphony performance at 8 p.m. April 3 in Eisenhower Auditorium.

English Dept., lecture, 8 p.m., 101 Kern. Marilyn Butler, Cambridge Univ., on "Gender and Class in Jane Austen."

Thursday, April 5

Lion Ambassadors host Old Main open house, 9 a.m.-4 p.m.

Women of Color, luncheon, noon-1 p.m., Hotel State College.

Bach's Lunch, 12:10 p.m., Eisenhower Chapel. Penn State Horn Ensemble.

Social History Colloquium, 4 p.m., Rare Books Reading Room. Patrice Library. Charles Hartsoe, Virginia Commonwealth Univ., on "The Recreation and Parks Movement: A Response to Urbanization."

English, Slavic Languages, IAHS, play, 8 p.m., 112 Kern. Maria Mamona, one-woman show. The Kern.

Friday, April 6

Geog. Coffee Hour, 4 p.m., 319 Walker. Olga and Yuri Medvedkov, Ohio State Univ., on "Geography of Underdevelopment in the U.S.S.R."

University Readers Performance, 8 p.m., 112 Kern. Free. Also April 7.

Contemporary Scholarship on Lesbian and Gay Lives Speaker Series, 8 p.m., HUB Assembly Room. John E. Miller, Univ. of N.C., on "Lesbian and Gay Studies. New Kid on the Block."

Saturday, April 7

School of Music, 8 p.m., Schwab Aud. Penn State Singing Lions.

Arthur H. Wainwright Memorial Lecture, 8 p.m., 110 Walker. Friedrich Ulf von Zahn, Univ. of Bonn, on "The Atmospheres of Jove. Venus and Mars."

Sunday, April 8

Carnegie Hall Film Series, 7 p.m., *Duel in the Sun* (1946); 9:15 p.m., *Sins Sold* (1982); 4 Carnegie Free.

School of Music, 8 p.m., Recital Hall. Opera Workshop.

International Events

Friday, March 29

Education Abroad Programs, brown bag slide presentation, noon, 222 Boucke. Chris Johnston on Athens, Greece.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5:30-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m. "Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubinstein.

"Perspectives," 6:30 p.m. Wednesdays, with Jeff Bullard. "Creative License," 12:30 p.m. Thursdays, with Asa Berlin and Pam Saulnier.

Conferences

Continuing Education

Keller Building

March 30-31, People of the Plough: Land and Labor in Medieval Europe. James Sweeney,

associate professor of history, chair. Bill Steiner, coordinator.

April 2-6, Administration of a Domestic Relations Agency. James R. Horner, professor-in-charge. Cont. Ed. administration of justice dept., chair: Kathy Karchner, coordinator.

April 3-5, Maintenance of Commercial Vehicles. Eric Loop, coordinator.

April 4-6, Trade Union and Employee Involvement: Directions for the 1990s. Richard Z. Hinde, associate professor of labor studies, chair; Chuck Herd, coordinator.

April 6-7, Pa. High School Speech League. Jeanne Lutz, instructor of speech, chair; Jerri Milcom, coordinator.

April 6-7, Math Association of America. Nicholas Ford, assistant professor of math, chair; Norman Lathbury, coordinator.

April 7, Women in Educational Leadership: Challenges and Choices. Barbara Impellitteri, coordinator.

April 7-8, American Mathematic Society. Richard Herman, head and professor of math, chair; Norman Lathbury, coordinator.

Seminars

Thursday, March 29

Polytechnic Union, 9 a.m., 301 Steidle. K. Levon, Polytechnic Union, on "Liquid-Liquid Phase Separation in Thermally Reversible Gels."

Physics Colloquium, 3:30 P.M., S5 Osmond Lab. Gabriel Barton, Univ. of Sussex, on "Temperature Dependent Effects in QED."

Ecology, 3:45 p.m., 111 Warkit. Elaine Keithan, Bucknell Univ., on "Algal Production and Herbicides."

Friday, March 30

Medieval Agriculture Conference, 8:45 a.m., 402 Keller. Karl Brunner on "Continuity and Discontinuity of Roman Agricultural Knowledge in the Early Middle Ages."

Andrew M. Watson on "The Agricultural Contacts Between Medieval Europe and the Arab World: A Case of Distal Diffusion."

Robert W. Frank on "Idealization of the Medieval Farmer: Piers Plowman and Everyman."

Medieval Agriculture Conference, 1:30 p.m., 402 Keller. Sandor Bokonyi on "The Development of Stockbreeding and Herding in Medieval Europe." Bruce M.S. Campbell on "Ecology Versus Economics in Late 13th-Century and Early 14th-Century English Agriculture."

Michael Camille on "When Adam Delved" Labouring on the Land in English Medieval Art."

Saturday, March 31

Medieval Agriculture Conference, 8:30 a.m., 402 Keller. Bridget A. Henich on "In Due Season: Farmwork in the Medieval Calendar."

Tradition: Ludolf Kuchenbuch on "Links within the Village: Evidence from 14th-Century Eastphalia." Alfred W. Crosby on "Ecological Imperialism and the Medieval Farm."

Monday, April 2

Education, 1:30 p.m., 276 Chambers. Donald J. Willoway on "Schools as Organizations and School Improvement."

Entomology, 3:45 p.m., 204 Patterson. Randy Higgins on "Minimizing Horse Deaths from Blister Beetles Present in Kansas Alfalfa."

EPF, 4 p.m., 339 Davey Lab. William A. Westell, Boston Univ., on "Precision Measurement at the Moon's g."

Tuesday, April 3

Gerontology Center Colloquia, noon-1 p.m., 101 Health and Human Dev. Bldg., East. Michael

Levensgood, exec. dir., Foxdale Village, State College, on "Meeting the Chronic Care Needs of the Elderly: A Continuing Care Retirement Community."

Chemistry Colloquium, 3:30 p.m., S5 Osmond Lab. Nicholas Turro, Columbia Univ., on "Chemical, Spin and Molecular Dynamics in Microscopic Reactors."

Physics Colloquium, 3:30 p.m., 101 Osmond Lab. Robert Dynes, AT&T Bell, on "Bad Metals, Superconductors and Insulators."

Wednesday, April 4

Analytical Chemistry, 11:15 a.m., S5 Osmond Lab. Richard Hartwick, Rutgers Univ., on "Control of Electroosmotic Flow in Capillary Zone Electrophoresis."

Thursday, April 5

Polymer Science, 9 a.m., 301 Steidle. R.D. Lundberg, Exxon Chem.

Physics Colloquium, 3:30 p.m., S5 Osmond Lab. John McGervey on "Physics and the Cosmos: A New Freshman Course."

Ecology, 3:45 p.m., 111 Warkit. Robert Koide on "Effects of Mycorrhizae on Plant Growth and Reproduction."

Mechanical Engineering, 4 p.m., 103 Mechanical Engineering. Hans Moravetz, Carnegie Mellon Univ., on "Long Waves Instability in Thin Films."

Friday, April 6

Human Performance Lab, lecture, 11:15 a.m., 121 Noll Lab. Henrik Gabbe, Univ. of Copenhagen, on "Hormonal and Metabolic Adaptations to Exercise."

Saturday, April 7

German, lecture, 10:45 a.m., 124 Sparks. Gunter Hantschell on "Hebbels Lyrik in illustrierten Ausgaben und Anthologien."

Exhibits

Chambers Gallery

School of Visual Arts, Undergraduate Graphic Design and Metals Exhibition, through April 6.

HUB Galleries

Formal Gallery: Bicentennial of the French Revolution, "The French Revolution as Portrayed in Collector's Postcards." April 4-April 30.

Kern Galleries

Selections from the Graduate Research Exhibition, through May 15.

The French Revolution, Collector's Postcards, April 30.

Denise Arieu, Jewelry, April 30.

Alice Ritti, Paintings and Drawings, April 6-30. College Research Exhibitions, College of Business Administration, April 2-27.

Palmer Museum of Art

Roman Portraits, through April 22. Figurative Drawings of the 17th and 18th Centuries from the Accademia Nazionale di San Luca in Rome, through May 20.

Transforming the American Garden, through May 13.

Zoller Gallery

Undergraduate Juried Exhibition, through March 30.

M.F.A. Thesis Exhibition, April 1-14.

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories.

Other messages are Weather-234, Arts Line-345, University Calendar-450.

Ballot drawing held

A drawing has been held at the University to determine positions on the ballot for the 1990 election of trustees by alumni.

Grace T. Younginger, associate secretary of the board, conducted the drawing and said ballots for the trustee election will be mailed to University alumni by April 9. All ballots must be received by the close of the election at 5 a.m. May 10.

Names of the six candidates for three positions on the board in alumni balloting are as follows:

Mary Greedy Beahn, 1981 and 1987 graduate degree, compensation analyst, Westinghouse Electric Co., Pittsburgh.

Phoebe Forrest Link, 1947 and 1952 graduate degree, educator, State College Area School District, State College.

John D. Vairo, 1961 graduate degree,

emeritus campus executive officer of the Delaware County Campus.

Mark H. Smith of DuBois, 1984 graduate degree, involved in real estate development and management.

H. Jesse Arnelles, 1955, senior partner of Arnelles and Hastie civil litigation and public finance firm of San Francisco.

Forrest N. Myers, 1961, 1963 and 1971 graduate degrees, founder, president and chairman of Accu-Weather Inc. of State College.

Incumbent board member Helen D. Wise received the required number of votes; however, after 21 years on the Board of Trustees, she chose not to seek reelection, commenting: "It is time to make room for others to serve." Arthur W.

Nesbitt also received the required number of votes, but declined the nomination.

Faculty and staff members are honored with awards

Equal Opportunity Award

Alphonse E. Leure-duPree, associate dean of academic achievement and director of special programs in the College of Medicine at the Hershey Medical Center, has been named the 1990 winner of the University's Equal Opportunity Award.

The honor, which consists of a certificate and a \$1,500 check, will be presented 2 p.m. Sunday, April 8, in Eisenhower Auditorium at University Park.

Created in 1988 by the University, the award is designed to recognize a Penn State faculty or staff member who promotes the concept of equal opportunity through affirmative action and contributes to enhancing the educational environment of the University through improving cross-cultural understanding.

Dr. Leure-duPree, professor of anatomy and neuroscience and interim chairman of anatomy, has been instrumental in the University's efforts to recruit and retain Black/African American, Hispanic, Native American, and Asian American students at the College of Medicine for nearly 20 years.

Dr. Leure-duPree received his education at Rutgers University, McGill University, the University of Rome and the Institute of Ophthalmology at the University of London, prior to joining the University as an instructor of anatomy in 1973. During his tenure at the College of Medicine, he received the Josiah Macy Faculty Award and the Ford Foundation Award.

He is a member of the Medical Student Selection Committee, the University Faculty Senate, Faculty Organization at Hershey, an Equal Opportunity Planning Committee Task Force, and numerous other committees, both national and international.

Dr. Leure-duPree has contributed significantly to the structuring of the College of Medicine's minority recruitment program. In the initial days of minority recruitment planning, he made recruitment visits through personal contacts and, sometimes at his own expense, travel, with the assistance of C. N. Collier, Everts, senior vice president for health affairs and the College of Medicine, and the EOPE, he helped establish scholarships, tutoring, counseling and outreach programs.

As a result of Dr. Leure-duPree's efforts, minority enrollment at the College of Medicine has doubled since his initial involvement. In addition, he has helped establish an EOPE summer program that has enabled the University to attract undergraduate minority students from Lincoln and Cheyenne universities.

Barash Award

James H. Miller, associate professor of business logistics and associate director of the Pennsylvania Transportation Institute, is the 1990 recipient of the Barash Award for Human Services.

The honor, which consists of a certificate and a \$1,000 check, will be presented at the University Awards Convocation at 2 p.m., Sunday, April 8, in Eisenhower Auditorium.

The family of the late Sy Barash created the annual award in 1975. It recognizes a full-time member of the Penn State faculty,



James H. Miller

staff or student body who has contributed most, apart from regular duties, to human causes, public service activities and organizations or welfare of fellow humans.

Mr. Barash, a Penn State graduate, was a State College businessman from 1953 until his death in 1975. Over the years, he devoted much time, energy and leadership to humanitarian causes on and off campus.

"Dr. Miller's guidance and leadership have played a leading role in the formation and continuing development of the Centre Area Transportation Authority," Gary C. Schulte, assistant vice president for operations and services and chairman of the 1990 awards committee, said.

As a CATA board member for all but one year from the mid 1970s to present, no one has served on the board longer than Dr. Miller. His technical expertise in urban transportation, wisdom and perseverance were critical to CATA's success in meeting several formidable challenges in management of its activities and in its relationships with Centre region government units.

CATA has two operating units, the Centre Line, which provides fixed route transit service, and Centre Ride, which provides paratransit service for elderly and disabled persons. Because of Dr. Miller's contributions, CATA has grown to provide the Borough of State College and Ferguson, College, Harris and Patton Townships with service unsurpassed by few public transportation systems for municipalities of their size.

Dr. Miller joined Penn State in 1971 and has been a faculty member since 1976. His teaching responsibilities include urban transportation, transportation planning and transportation economics and policy.

Dr. Miller earned his B.A. degree in economics from University of Cincinnati in 1967, M.B.A. from Penn State in 1969 and Ph.D. in business administration from Penn State in 1976.

John E. Wilkinson Award

Jacqueline L. Schoch, campus executive officer at the Penn State DuBois Campus, is the 1990 recipient of the John E. Wilkinson Award for Administrative Excellence.

The Wilkinson Award was established in 1970 by friends of Wilkinson, a lifelong Centre County businessman. Now



Jacqueline L. Schoch

supported by Mr. Wilkinson, the award is presented annually to a member of the Penn State staff whose performance methods and achievements exemplify administrative excellence.

The Wilkinson Award also is presented at Bucknell University in Lewisburg. Each award carries a \$500 stipend. Dr. Schoch will receive the award at the University Awards Convocation at 2 p.m. Sunday, April 8, in Eisenhower Auditorium.

Dr. Schoch was appointed CEO at the DuBois Campus in the fall of 1978, following the retirement of now Director Emeritus Donald S. Hiller. She joined the Penn State staff in 1970 as assistant director of resident instruction and later was promoted to associate director.

Prior to coming to Penn State, she served as director of instruction, director of guidance, guidance counselor, dean of girls and as a history and physical education teacher for the DuBois Area School District. She also taught girls' phys-ed in the Ford City Area Schools.

She has announced her plans to retire Sept. 30, after completing 20 years of service to the campus.

During her years at Penn State, Dr. Schoch worked to expand and enrich academic programming both on and off-campus. Complete degree programs are now offered at Curwensville and St. Marys sites as well as at DuBois. The addition of an extended degree in general arts and sciences, the first four-year degree to be offered at DuBois, is the most significant academic accomplishment for the campus in recent years.

Dr. Schoch earned a bachelor's degree in health, physical education and recreation and masters and doctorate degrees in counselor education and psychology from Penn State.

She is a life member of the Penn State Alumni Association, and has served on 14 different committees of the University Faculty Senate.

She is a member of the DuBois Regional Medical Center Development Council, has served as vice president of the Clearfield County Area Agency on Aging, a member of the Pennsylvania Electric Company's Educational Committee and chaired Penelec's Consumer Advisory Committee.



Marie J. Secor

Alumni/Student Award

Marie J. Secor, associate professor of English, is the 1990 recipient of the Penn State Teaching Fellow: The Alumni/Student Award for Excellence in Teaching.

The award, which includes a \$3,000 honorarium, will be presented at the Awards Convocation at 2 p.m. Sunday, April 8, in Eisenhower Auditorium. Dr. Secor was selected for the honor by a committee of alumni, faculty and student representatives.

"From the beginning of our work together, it was clear Marie combined in one person all of the qualities that make a teacher great," wrote a colleague in a nominating letter. "It is a delight to watch student after student rise to the standards that she demands."

A lecture with Dr. Secor is as refreshing as it is enlightening, one of her former students noted. "Like no other teacher I've had, she is able to combine the seriousness of a senior-level course with the candor of a midnight dorm chat."

A Penn State faculty member since 1978, Dr. Secor has taught a wide range of composition, rhetoric, and literature courses. She was part of a successful faculty trio who taught a "cluster course" — a combination of English, geography and political science instruction — in the University Scholars program.

She is the co-author of *A Rhetoric of Argument* with Jeanne Fahnestock; *The Return of the Good Soldier: Ford Madox Ford and Violet Hunt's 1917 Diary* with Robert Secor, and *Readings in Argument*, also with Jeanne Fahnestock.

She currently is editing a collection of essays on rhetorical education and working on a book on style. She also is the author of many articles on both rhetoric and literature.

Dr. Secor received the Liberal Arts Distinguished Teaching Award in 1985 and was named as Outstanding Woman Faculty by the Pan-Hellenic Council for 1990. She is a member and past president of the Association of Teachers of Advanced Composition, and belongs to the National Council of Teachers of English and the Rhetoric Society of America, among other organizations.

She holds a bachelor's degree from the College of New Rochelle and master's and doctoral degrees from Brown University.

Bookshelf

John W. Bagby, associate professor of business law, is the co-author of *The Legal Environment of Business*.

Published by Richard D. Irwin of Homewood, Ill., the text creates an economic, social and political context for the study of business law, covers business ethics and corporate social responsibility and delves into such current issues as product safety, insider trading, consumer credit laws, tender offers and takeovers, mergers, the new plant closing law, immigration reform and the impact of the

Racketeer-Influenced and Corrupt Organizations provisions.

Legal Environment of Business was written with F. William McCarthy, chairman of the finance and commercial law department at Western Michigan University and a professor of business law.

The book is Dr. Bagby's second. Another, *Legal Aspects of the Management Process*, is expected to be published in the spring. He is the author or co-author of some 30 articles and reviews.

Ronald L. Filippelli, head of the Labor Studies and Industrial Relations Department, is the author of *American Labor*

and *Postwar Italy, 1943-1953: A Study of Cold War Politics*, published by Stanford University Press.

"Since becoming a global power, the U.S. government has viewed U.S. labor unions as key to winning support among the workers of other nations," Dr. Filippelli said.

"Labor as a major concern in American foreign policy began with the collapse of the Fascist government in Italy in 1943," he says. "As the first Axis nation to fall in World War II, Italy provided American policy-makers with their first opportunity to reconstruct a nation on the basis of political democracy and market capitalism, while protecting American strategic and

economic interests.

"As the Cold War intensified, Italy became a necessary strategic and psychological anchor for an American policy based on stabilizing Western Europe in the face of Soviet hostility."

According to Dr. Filippelli, Communists and other leftists often play an important role in the formation of unions in many developing countries, and because the American government fears that Communist-led unions will undermine friendly governments, the United States often enlists the support of the AFL-CIO to help create rival anti-Communist or non-Communist unions.

Appointments

Ernest K. Dishner, dean of the School of Education at Southwest Texas State University, has been appointed associate provost and dean of faculty at Penn State Harrisburg.

"Dr. Dishner brings important experience and a breadth of scholarly perspective and administrative skills to this position," Ruth Leventhal, provost and dean of Penn State Harrisburg, said.

Dr. Dishner holds a bachelor's and a master's degree from East Tennessee State University and a doctorate in reading education from the University of Georgia. He has co-authored a widely used textbook on the teaching of reading, now in its third edition and published nationally by Allyn and Bacon Inc.

In addition to publishing numerous professional articles in national and international journals, Dr. Dishner currently serves as editor of *Teacher Education and Practice*, the journal of the Texas Association of Colleges for Teacher Education. He is a member of the American Association of Colleges for Teacher Education Task Force on Elementary Education and the Executive Board of the Teacher Education Council of State Colleges and Universities.

During his six-year tenure as dean of Southwest Texas State University's School of Education, Dr. Dishner coordinated major revisions of that institution's teacher education program, implemented higher standards for the admission of students into the program, and established a monitoring system for evaluating students as they progressed through the program.

Arthur A. Heim, director of training and new business for the Ben Franklin Technology Center of Central and Northern Pennsylvania, Inc., has been appointed director of industrial research in the Office of Research and Technology Transfer at Penn State.

Joining the BFTC/CNP early in the life of the then-new program, Mr. Heim played a major role in the development of a wide-spread, community- and industry-based initiative.

Before coming to the BFTC/CNP, he served as director of continuing education at the Worthington Scranton Campus and area representative at the Berks Campus, in addition to positions of increasing responsibility with GE, Re-entry & Environmental Systems Division, Operational Systems Department.

He holds a B.S. in environmental resource management and an M.Ed. in



Ernest K. Dishner

industrial vocational education from Penn State. He is pursuing a Ph.D. in education at Penn State.

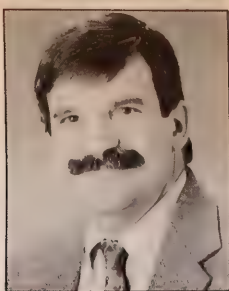
In his new position, Mr. Heim is responsible for establishing and maintaining long-term cooperative research and development efforts between industry and the university.

The objectives of the Industrial Research Office are assessment of the R&D and technology transfer needs of industry and linkage of appropriate university resources to them; continued development of an industry-driven technology transfer network throughout the Penn State system; encouragement of a "Pennsylvania First" emphasis on research developments with commercial potential, and facilitation of seminars to showcase major university intercollege centers and research programs.

ValaRay Irvin has been appointed staff psychologist and coordinator of minority student services and programs at the Center for Counseling and Psychological Services.

Dr. Irvin received her Ph.D. in counseling psychology from the University of North Carolina at Chapel Hill and B.S. and M.Ed. degrees from Southern University in Baton Rouge, La. Her internship was completed at the George Washington University in Washington, D.C., where she counseled students.

In addition to providing individual and group psychological services to University students, Dr. Irvin will plan and facilitate outreach and consultation services to University minority students.



Arthur A. Heim

Charles F. Coleman, has been appointed director of student programs and services at the Penn State Delaware County Campus. Mr. Coleman previously served at the Delaware Technical and Community College where he held a variety of student affairs posts, each with increasing responsibility.

His last position at Delaware Technical had been assistant director of continuing education. He previously had been assistant dean of student services, athletic director, counselor and basketball coach.

Mr. Coleman holds a master of education degree in counselor education from Antioch University. He received his undergraduate degree in business administration from Villanova University.

Mary Kay Cote, director of continuing education at the Delaware County Campus, has been named regional director of Continuing Education for the Greater Philadelphia area.

In addition to continuing her responsibilities at the Delaware County Campus, Ms. Cote is assuming responsibility for coordination and oversight of the continuing education operations at the Ogonz Campus and the Great Valley Center.

Ms. Cote has more than 10 years experience as director of continuing education at the Delaware County Campus and previously was involved in continuing education at two other University locations.

She earned a bachelor's degree at Seton Hill College in home economics education and a master's degree, also in home



ValaRay Irvin

economics education, from Penn State. She is completing a Ph.D. in higher education at the University of Pennsylvania.

Susan E. Lewis, manuscript editor with Penn State Press, has been named to the newly created position of assistant marketing manager for the Press.

Ms. Lewis will work with Kate Capps in the Penn State Press Marketing Department. Among her responsibilities will be contributing to sales efforts and fully computerizing the department.

Ms. Lewis was a technical writer/editor for the Institute for Research (1986-88) and a free-lance editor for Venture Publishing Inc., State College; the Pennsylvania Transportation Institute and the Graduate School at Penn State.

From 1984 to 1986, she was editor coordinator for HRB-Singer Inc., and from 1983 to 1984, she was a writer/editor for Barash Advertising, both in State College. She was a lecturer and teaching assistant with the University's Department of English from 1980 to 1986.

A recipient of a B.A. degree in American studies (1974) and an M.A. in English (1983) from Penn State, she has written many feature articles and publications and edited more than 30 books.

Obituary

Quentin M. Frankenberger, helper, Swine Center, College of Agriculture, from Sept. 16, 1966, until his retirement Oct. 1, 1978, died March 7 at the age of 63.

Focus on the arts

(Continued from page 4)

literature at University College, Dublin, and an expert on early Irish liturgy. She also has taken part in characterizing the Derrynaval treasure trove, discovered in 1980.

This Celtic pseudo-history, says guest host Michael Bernosky, is cause for reflection on the making of history. "Very frequently," he notes, "we recreate the past to serve our own needs."

"It's a universal of literature and history," agrees Nt Chathain, "but there must be a sort of matrix, a core that has some truth." If, like the Celts, she says, "you have had your particular civilization condemned and despised and annihilated, presumably you're going to react in your treatment of the civilization that has just walked on top of you."

"Odyssey Through Literature" is produced by the Comparative Literature Department and airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Centre Stage

The 1990 summer season of Pennsylvania Centre Stage, the regional professional

theater located at University Park, has been announced by Carole Brandt, artistic director. This year's productions will include the inspiring drama, "A Shynna Maide!" the lively musical, "1776," and the suspense-filled mystery, "Sleuth."

Pennsylvania Centre Stage will begin its fifth season on June 20 and run through Aug. 4 with performances held in both the Pavilion Theatre as well as The Playhouse Theater at University Park.

The season starts off with "A Shynna Maide!" (yiddish for a pretty girl), written by Barbara Lebow. It tells the poignant story of a family ripped apart by the terror of the Holocaust and then reunited years later.

Set in New York City in 1946, this emotionally gripping drama reveals the true meaning of family and the strength of the human spirit. "A Shynna Maide!" runs June 22-24, 26-30 and July 1 and 3-7 with preview performances on June 20 and 21 in the Pavilion Theatre.

The award-winning "1776," written by Peter Stone with music and lyrics by Sherman Edwards, turns back the clock to the days of our country's forefathers. Prominent historical figures such as Ben

Franklin, Thomas Jefferson and John Adams sing the praises of democracy, and are seen as genuine people filled with enthusiasm and the deep-felt love for freedom and independence.

"1776" runs July 6-8, 10-15 and 17-21 with preview performances on July 4 and 5 in The Playhouse Theatre.

The season closes with "Sleuth," written by Peter Shaffer, a cunning suspense thriller about deception, jealousy and murder with some amusing surprises! Shocking secrets and unexpected twists turn "Sleuth" into a deadly game of cat and mouse that truly keeps you wondering "who's got who?" "Sleuth" runs July 30-32, 24-29, 31 and Aug. 1-4 with preview performances on July 18 and 19 in the Pavilion Theatre.

Season subscriptions now are available. For ticket information or reservations, call the Eisenhower Auditorium Ticket Center at (814) 863-0255; open weekdays 8:30 a.m. to 4:30 p.m.

Singing Lions

The Penn State Singing Lions will perform their 1990 spring concert, "One Voice," at 7:30 p.m. Saturday, April 7, in Schwab Auditorium at University Park.

The 90-minute show will consist of a variety of choreographed and staged music

from big-band classics, movie favorites and Grammy-winning hits. The group is directed by Peter Kiefer, faculty member in the School of Music.

Several of the Singing Lion's 22 members will be featured in solos or duets. Alumni members also will join the group to sing two songs. An instrumental ensemble will provide accompaniment for the group.

The concert is free to the public.

Horn Ensemble

The Penn State Horn Ensemble will perform in concert at 12:10 p.m. Thursday, April 5, in Eisenhower Chapel at University Park. The 20-minute concert is part of the spring Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The program will include antiphonal music by Gabrieli, an arrangement of Verdi's "Manzoni Requiem" and an arrangement of Schubert's "Die Nachtigall."

The Horn Ensemble is composed of 15 members, including undergraduate music majors and three graduate students. It is directed by Lisa Bontrager, faculty member in the School of Music.

The audience is invited to bring a bag lunch to eat after the concert. Coffee and tea will be provided.

Annual honorary engineering lecture scheduled

Public lecture set

Donald M. Alstadi, an internationally known management expert and top Lord Corporation executive, will discuss corporate involvement in university education and research in the 24th annual College of Engineering Honorary Engineering Lecture at 4 p.m. Monday, April 2, in the Keller Conference Center Auditorium at University Park.

Mr. Alstadi, chairman of the board and chief executive officer of Lord Corporation, will discuss "The Role of Corporate Academic Interrelationship in the Promotion of Legitimate Purpose of the Corporation." The lecture is free to the public.

Mr. Alstadi, an expert in the dynamics of the management of change in business and social institutions and the technical innovations process in industry, is active in the professional community, both nationally and internationally.

He is a member of the Policy Committee of the Pennsylvania Business Council, the Pennsylvania Council on Economic Education and is chairman of the Science and Technology Task Force of the Pennsylvania Economic Development Corporation.

A member of the Academy of Applied Science, he was the Academy's 1983 Francis Wright Davis Distinguished



Donald M. Alstadi

Lecturer. He is a Fellow of the American Institute of Chemists and a member of the American Physical Society, the American Chemical Society, the Faraday Society of England, the Electrochemical Society, the Institute of Management Science, the Swedish Royal Academy of Engineering Science and a Corporate Member of the Conference Board.

Mr. Alstadi is involved in advisory

councils of several universities, including Penn State, The Behrend College, MIT, Carnegie Mellon University and the University of Southern California.

The Engineering Honorary Lecture series, co-sponsored by PSES, the Penn State Engineering Society, brings outstanding engineers in business, education and government to University Park.

This year's lecture coincides with the College of Engineering Key Executive Seminar. This invited, two-day seminar will bring corporate leaders from across the United States to campus to discuss "Human Resources in Engineering and Technology: How Will We Meet the Nation's Requirements?"

Bookshelf

Modern Egypt: The Formation of a Nation State, written by **Arthur Goldschmidt Jr.**, professor of Middle East history, has been selected as an outstanding book of 1989 by *Choice* magazine. The publisher is Westview Press of Boulder, Colo.

Dr. Goldschmidt's book includes thorough coverage of the presidencies of Gamal Abd al-Nasir (1954-70) and Anwar Al-Sadat (1970-81).

Frank Gibney, vice chairman of the Board of Editors, *Encyclopaedia Britannica*, will discuss "A New Japanese Translation Project: Correcting the Cultural Trade Imbalance" at 12:30 p.m. Saturday, March 31, in the Kern Graduate Center cafeteria at University Park.

The public lecture, sponsored by the Center for East Asian Studies in cooperation with the American Comparative Literature Association, is part of the Association's annual conference.

In addition to his position with the *Encyclopaedia Britannica*, Mr. Gibney is vice-chairman of TRS-Britannica Co. in Tokyo. In that capacity, he directed the translation of the 28-volume *Britannica International Encyclopaedia* into Japanese and of the *Concise Encyclopaedia Britannica* into Chinese.

Before joining Britannica, Mr. Gibney was a *Time-Life* correspondent and editor and senior editor of *Newsweek*. He is president of the Pacific Basin Institute and vice-chairman of the Japan-U.S. Friendship Commission.

Mr. Gibney has written nine books and numerous articles on Asian affairs, and teaches as an adjunct professor of Far Eastern Studies at the University of California, Santa Barbara.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling.

The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion **MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304.**

NETWORK LINE 433-0304. Applications for these staff vacancies will be accepted until April 5. **DO NOT CONTACT THE AREA THAT HAS THE VACANCY.** Applications for staff vacancies are considered in accordance with Fair Employment practices (FES-1) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

*** Engineering Support Specialist, Management and Systems Engineering, University Park Campus** - Responsible to a senior systems analyst for providing technical assistance on computer and data communication services to include installation of data communications systems, special purpose data lines, LANs, gateways, networks and maintenance. An associate degree, or equivalent, in computer science or electronics engineering, plus two to three years of effective experience in programming, data processing, microcomputer operation and a knowledge of programming languages is desirable. **STAFF GRADE 5.** This is a fixed term position funded through June 30, 1990, with excellent possibility of re-funding.

*** Technical Writer/Editor, Computer and Information Systems - Executive Director, University Park Campus** - Responsible to the executive director of Computer and Information Systems for organizing and conducting effective

programs for information dissemination on the activities, resources and services of C&IS. Prepare reports, press releases, guides and speeches, etc. Requires bachelor's degree, or equivalent, plus one to two years of effective experience. Strong technical writing skills and excellent written and verbal communication skills are required, as well as experience in a data processing environment. **THIS IS A FIXED-TERM POSITION FUNDED THROUGH DECEMBER 1990. STAFF GRADE 6.**

*** Applications Programmer/Analyst, Office of Budget and Resource Analysis, University Park Campus** - Responsible to a lead applications programmer/analyst in the Decision Support Systems group for conducting analyses of data processing and customer data problems, determining detailed requirements to solve problems, formulating logical statements of systems problems and preparing computer programs to produce desired results. Requires bachelor's degree, or equivalent, in computer science or related field, plus one to two years of effective experience in computer programming and analyses. **STAFF GRADE 6.**

*** Clinical Nurse Specialist - Pediatric, CT Surgery, University Hospital, Nursing Administration, The Milton S. Hershey Medical Center** - Responsible to the surgery chief of a defined section and an assistant director of nursing for providing nursing expertise within his/her clinical specialty and for managing and providing care for the surgical patient using collaborative consultation with team members and written protocols. Requires master's degree in nursing, plus one to two years of effective clinical experience in area of expertise and current licensure by Pennsylvania State Board of Nursing as a nurse practitioner. Certification in specialty area is desirable. **STAFF GRADE 7.**

*** Medical Social Worker II, College of Medicine, The Department of Social Services,**

The Milton S. Hershey Medical Center - Responsible to the social services coordinator for providing inpatient and outpatient medical social services and providing practical help and emotional support to patients and their families. Requires master of social work degree from an accredited college or university and equivalent one to two years effective experience. **STAFF GRADE 6.**

*** Nursing Manager - Evenings, University Hospital, Nursing Administration, The Milton S. Hershey Medical Center** - Responsible to the assistant hospital director/director of nursing services for directing, supervising, coordinating and evaluating all activities of the Department of Nursing on assigned shifts and/or area of responsibility. Requires master's degree, plus one to two years of effective hospital nursing experience, or bachelor's degree with two to four years of effective hospital nursing experience, plus registered professional nurse currently licensed by the Pennsylvania Board of Nursing. **STAFF GRADE 7.**

*** Operations Center Coordinator, College of Medicine, The Department of Physical Plant, The Milton S. Hershey Medical Center** - Responsible to the assistant director of physical plant, utilities and energy, for monitoring, adjustment and change functions for the automatic temperature control systems serve as Department of Physical Plant representative at night. Requires high school education, plus training in air conditioning, heating and ventilating equipment, and pneumatic and electronic temperature controls. No less than two to three years of effective experience. Experience in a supervisory capacity highly desirable. **THIS POSITION WORKS ANY OF THREE SHIFTS, INCLUDING WEEKENDS AND HOLIDAYS. STAFF GRADE 5.**

*** Enterostomal Therapist, University Hospital, Nursing Administration, The Milton S. Hershey**

Medical Center - Responsible to the director of nursing services and/or an assistant director of nursing services for the preoperative preparation and teaching of patients requiring surgery resulting in the patient having a stoma. Requires a registered nurse currently licensed by the Pennsylvania Board of Nursing to practice nursing and successful completion of an accredited school for Enterostomal Therapy (accreditation by the International Association for Enterostomal Therapy) and one to two years effective experience and personal certification or working toward permanent certification by the IAET. **STAFF GRADE 5.**

*** Development Assistant, Division of Development and University Relations, Penn State Erie, The Behrend College** - Responsible to the director of development, senior development officer, for assistance in the organization and implementation of fund-raising programs and related activities at Penn State-Behrend. Requires bachelor's degree, or equivalent, plus one to two years of effective experience in public relations, fund raising or related field. Proficiency in verbal and written communication skills is highly desirable. Willingness to travel is essential. **THIS IS A FIXED TERM POSITION, FUNDED THROUGH JUNE 30, 1990, WITH EXCELLENT POSSIBILITY OF RE-FUNDING FOR ONE YEAR. STAFF GRADE 6.**

*** Nurse/Health Services Coordinator, Student Affairs, Penn State Harrisburg** - Responsible to the director of student affairs for the coordination of the college Health Services Program and for providing health care to students and emergency treatment to faculty, staff and students. Requires bachelor's degree in nursing, or equivalent, and current licensure in Pennsylvania as a registered nurse, plus two years of effective experience in emergency room or family practice nursing. **STAFF GRADE 5.**

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William E. Campbell Jr., Editor
Deborah A. Benedetti,
Assistant Editor
Kathy Garman, Calendar

March 29, 1990
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FACULTY/STAFF AWARDS

Faculty and staff award stories appear on page 6.

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INTERCOM

April 5, 1990

Volume 19, Number 28

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Four faculty will receive Lindback teaching award

Four faculty members have been selected to receive the Christian R. and Mary F. Lindback Award for Distinguished Teaching at the University Awards Convocation at 2 p.m. Sunday, April 8, in Eisenhower Auditorium at University Park.

Recipients are **Edward W. Bittner**, associate professor of chemistry, Penn State McKeesport Campus; **Dennis F. Brestensky**, associate professor of English, Penn State Fayette Campus; and **James M. Rambeau**, associate professor of English, and **Harry H. West**, professor of civil engineering, University Park.

The Lindback Award, presented annually since 1958, honors faculty members whose main responsibility is teaching undergraduate students. Each recipient will receive a certificate and \$1,000.

Dr. Bittner, a member of the McKeesport Campus faculty for more than 19 years, "is without a doubt one of the most popular

and effective teachers at McKeesport," according to a colleague. Dr. Bittner consistently receives 6.0 and higher ratings (out of a possible 7.0) for his teaching from students.

He describes the major aspect of his philosophy of teaching as caring. "Of highest consideration for one to be an effective teacher is that of caring, caring that the students are properly motivated to enter the learning process. A teacher who cares about students will make the adjustments necessary to promote active learning," he says.

One student writes: "The teacher cared about us learning. He presented the material in an easy, understandable manner. He used the board to show everything we needed to know. He learned all of our names. And most of all, he made it interesting and fun to learn."

Dr. Bittner received a B.S. in chemistry

from Penn State in 1960 and a Ph.D. in physical organic and bio-organic chemistry from the University of California, Santa Barbara, in 1970, and did postdoctoral work at the University of Pittsburgh.

Dr. Brestensky, a member of the Fayette Campus faculty for more than 24 years, "exhibits an extraordinary dedication to giving personal attention to his students," a colleague writes.

"The basic philosophical assumption underlying my teaching," he says, "is that the whole person needs to be educated. For the student, we need to emphasize not only the knowledge of subject matter, but also awareness and understanding of self, others and the world."

One of his students writes: "Dr. Brestensky is a natural instructor. Students sense and respect his knowledge of English composition, grammar and literature. He encourages and challenges a person to think

not so much in a memorization fashion, but in an active, creative way."

Three-time recipient of Fayette Campus teaching awards, Dr. Brestensky earned a B.A. degree in English from St. Joseph College, Rensselaer, Ind., in 1963, an M.A. in English from Duquesne University in 1965 and an Ed.D. in English curriculum and instruction from West Virginia University in 1975.

Dr. Rambeau has been a member of the English Department faculty since 1970. During that time, he has directed 32 undergraduate honors theses, more than any other department faculty member. He was director of the Composition Program from 1984 to 1986 and he has been associate head since 1987.

He is described by one colleague as "a superior teacher of composition courses from the introductory freshman level

(Continued on page 3)



Edward W. Bittner



Dennis F. Brestensky



James M. Rambeau



Harry H. West

Instructor in Agriculture is being honored for advising

A faculty member in the College of Agriculture will receive the 1990 Excellence in Advising Award at the upcoming Awards Convocation.

David E. Hall, instructor in agricultural and extension education, will receive a plaque and cash gift at the convocation at 2 p.m. Sunday, April 8, in Eisenhower Auditorium.

The award was established by the Undergraduate Student Government's Academic Assembly and is sponsored by each college. It annually honors full-time faculty based on excellence in general advising, academic and career guidance, enthusiasm, and assistance in decision-making and goal-setting.

"I try to look at advising on an individual level," Mr. Hall said. "In a large university, you can get caught up in large-scale activities, but advisers have to remember each student is an individual with a unique background."

"I base my advice on where the students have been and where they want to go, and then give them the freedom to make their own decisions."

Mr. Hall has taught agricultural and extension education at the University Park Campus since 1986, and coordinates the department's occupational competency

evaluations for assessing students' teaching competencies. He advises nearly one-third of the University's "ag ed" majors, the Collegiate FFA Chapter, and the Sigma Phi Epsilon fraternity.

"He has a keen interest in helping his students achieve the goals they have set for themselves," wrote one student in

(Continued on page 3)



David E. Hall

Smicklas-Wright to receive the 1990 McKay Donkin Award

Helen Smicklas-Wright, professor of Nutrition in the College of Health and Human Development, is the 1990 recipient of the McKay Donkin Award.

The Donkin Award recognizes the full-time faculty or staff member or retiree who has contributed the most to the "economic, physical, mental or social welfare of the

faculty" of the University. It will be presented during the Awards Convocation at 2 p.m. Sunday, April 8, in Eisenhower Auditorium.

Established in 1969 in honor of the late McKay Donkin, who served as vice president for finance and treasurer of the University from 1957 to 1968, the award consists of a certificate and a \$500 check.

Dr. Wright came to Penn State in 1965 as a graduate assistant. In 1969 she became a research assistant in the postdoctoral program. She was named assistant professor of nutrition in the Division of Biological Health the following year and in 1975 began 10 years as associate professor in the Nutrition Program. She was named stet professor in 1983.

She earned a bachelor of arts degree in home economics and a master's degree in nutrition from the University of Toronto and her doctorate in nutrition from Penn State.

Dr. Wright has written or co-written more than 40 published articles and has written five books or parts of books.

"I feel her contributions have been above and beyond her regularly scheduled duties and are outstanding and exemplary of the spirit of the McKay Donkin Award," writes

(Continued on page 3)



Helen Smicklas-Wright

Focus on Diversity

Diversity Opportunities Calendar

Saturday, April 7

Paul Robeson Cultural Center 5:30 p.m.
Robeson Center "A Touch of Africa"
(dinner, show, dance).

Sunday, April 8

Penn State NAACP chapter, 5 p.m.,
Eisenhower Auditorium. Public lecture:
Filmmaker Spike Lee
NAACP, 5 p.m., Days Inn Penn State
Annual Achievement Awards banquet
Guest speaker Spike Lee

Monday, April 9

The Lesbian and Gay Alliance, HUB
Assembly Room. Film: "Witches, Dykes,
Faggots and Poofers."

Tuesday, April 10

Women's Studies, Penn State Berks
Campus. Jo Searies on "Women Making
Waves: Changes in Women and Writings."
Also April 11, Penn State Worthington
Saratoga.

Wednesday, April 11

Penn State Erie, The Behrend College, 8
p.m., Wintergreen Cafe. Cultural Festival.

Thursday, April 12

Women's Studies 1:30 to 3:30 p.m., 12
Sparks. Women's Studies Faculty/Advisory
Committee meeting. Faculty and students
invited.

Workshop on Latin America is scheduled

The Central Pennsylvania Collaborative for
International Education will present a
workshop on Latin America Monday, April
9, at the Keller Conference Center at
University Park. The workshop is based on
a Tinker Foundation-funded social studies
mini-course developed by Tulane
University's Latin American Curriculum
Resource Center.

The purpose of the workshop, which will
be held from 9 a.m. to 3:30 p.m., is to
encourage an interdisciplinary approach to
teaching about Latin America, using up-to-
date and creative materials. It is designed
for teachers of various disciplines in upper
elementary through high school grades who
want to integrate Latin America into their

curricula.

A major focus of the workshop will be
the 20-unit course developed from the
Tinker Foundation grant. Four complete
units on Pre-Columbian civilization, African
American tradition, environmental issues
and narco-trafficking will be showcased.
Linda Curcio-Nagy, director of Tulane's
Latin American Curriculum Resource
Center, will be workshop leader.

The University Office of International
Programs is sponsoring the workshop in
cooperation with Juniata College and local
school districts.

For more information, write or phone
Jack Sinclair, 409 Keller Conference Center,
(814) 863-2035.

Spike Lee will be guest speaker at NAACP banquet

Award-winning writer-director and film star
Spike Lee will be the guest speaker at the
Penn State NAACP chapter's Third Annual
Award Banquet Sunday, April 8.

The filmmaker also will speak about his
films, the racial climate in America, his
personal experiences and victories over the
Hollywood system to the general public at
5 p.m. in Eisenhower Auditorium at
University Park.

Tickets for the public presentation are
free, but are available only at the Center

for the Performing Arts Ticket Center in
Eisenhower Auditorium.

University faculty, staff and local
community ticket distribution will be from
1 to 4:30 p.m. today and 8:30 a.m. to 4:30
p.m. Friday, April 6. No telephone
reservations will be accepted.

The banquet will begin at 6 p.m. in the
Parliament Square Ballroom of the Days
Inn Penn State Hotel. Tickets may be
obtained by calling (814) 867-8694.

Recently nominated for an Academy
Award for his 1989 blockbuster movie "Do
The Right Thing," Mr. Lee surged to the

'Black Wings' exhibit is on display

"Black Wings," now on display in the HUB
Formal Gallery, University Park, is a
presentation of African-American men and
women who participated in aviation
history.

The SITES (Smithsonian) exhibition
includes "Headwinds" on black flight
schools, "Flight Line" on blacks' changing

role just prior to WW II, "Wings for War"
covering 1941-45 and the black role during
the war effort, and "Era of Change"
concentrating on aspects of black influences
in commercial aviation.

Gallery hours are noon to 7 p.m.
Monday through Thursday and noon to 5
p.m. Friday and Saturday.



477th Bombardment Group

forefront of the independent film
movement in 1986 for his movie "She's
Gotta Have It," which depicts the
relationships and sexual attitudes of a
young independent woman. The movie
won the Best New Director award at the
Cannes Film Festival that year.

Mr. Lee shot the film in just 12 days
with a budget of about \$175,000 and
created the character of Mars Blackman. He
still plays that character today in the
famous Nike Air Jordan commercials with
Chicago Bulls superstar Michael Jordan. Mr.
Lee also directs the commercials.

In 1988, his second feature film "School
Daze," which looked at black college and
fraternity life, became Columbia Pictures'
most profitable film of that year.

Organized in 1909, the National
Association for the Advancement of
Colored People is an inter-racial, interfaith,
nonpartisan and social action organization.
The Penn State Chapter, chartered July 5,
1987, has more than 200 members and has
won numerous national honors including
the recent Northeast Region Director's
Programmatic Striving for Excellence
Award.

Lecture series

Linda Curcio-Nagy, director, Latin
American Curriculum Resource Center,
Tulane University, will discuss "Funding
Opportunities for Projects with Latin
America" from 2:30 to 4 p.m. Tuesday,
April 10, in 222 Boucke Building,
University Park. Her lecture is part of the
University Office of International Programs'
International Lecture Series.

WPSX-TV programs

"Break of Dawn," the remarkable true story
of America's first Spanish-language radio
and recording star, who was eventually sent
to jail by corrupt politicians on false
charges of rape, will have its television
premier on *American Playhouse* at 9 p.m.
Wednesday, April 11, on Channel 3.

Written and directed by Isaac Arstenstein,
"Break of Dawn" is the story of Pedro J.
Gonzalez who, during the Depression years
in southern California, hosted the first
Spanish-language daily radio show in the
United States.

Mr. Arstenstein, who was born in San
Diego of Mexican parents and grew up in
Tijuana, originally filmed the story of
Pedro J. Gonzalez as a documentary in
1983, receiving numerous honors including
an Emmy, the Cine Golden Eagle, the
Golden Mike Award and the Blue Ribbon
at the American Film Festival.

"Break of Dawn" sheds light on the

subterranean nature of culture and politics
in Los Angeles of the 1930s, while
recounting the compelling true story of a
man's struggle against a powerful and
corrupt system.

Ogontz festival

Penn State Ogontz Campus will host a
Multicultural Festival from 12:30 to 1:30
p.m. Wednesday, April 18, in 112 Lares
Building.

The festival, a combined effort of the
Ogontz Cross Cultural Connection Club
and students/faculty/staff, will feature an
exchange of international foods, cultural
displays (decorations, dress, holidays and
rituals, music, language) and group
presentations. Lee Downing, assistant to the
director of student programs and services,
said.

The goal of the festival is to foster a
"sharing and understanding through the
college life experience." For many students,
college is the first opportunity to interact
with people of other races, Mr. Downing
noted.

Each ethnic representation in the festival
will include a flag highlighting the group's
nationality. In addition, a "Best Cultural
Display" award will be presented to the
first- and second-place winners in the
cultural exchange portion of the festival.

The "Make a Change Award" will honor
an individual or group of individuals who
represent a positive role model for students

to emulate, make an outstanding
contribution in improving cross-cultural
relations, promote and advocate improved
race relations or demonstrate a commitment
to the spirit of encouraging understanding
between persons of different races, sexes,
religious heritage and ethnicity.

Exchange project

The U.S. Information Agency has selected
Penn State as one of three universities
nationwide to participate in the African
Studies/American Studies Youth Exchange
Project.

The project, designed to enhance already
existing linkages between the African and
American institutions, offers graduate-level
students and beginning teachers of English,
French, African, American studies and
related subjects an opportunity for a direct
exchange of ideas, M. Marlene Ramirez
explains.

Dr. Ramirez, coordinator of
interdisciplinary international opportunities
for the University Office of International
Programs and International Programs in
Agriculture, organized the recent visit of
Jacqueline Manirakiza, Aloys Nduwayo,
Fabienne Jeanne Gomis, El Hadi Malick
Mbaye, Kadiotou Sow and Jean-Pierre
Mouriba of the University of Bujumbura,
Burundi.

Two Penn State students will visit the
University of Bujumbura this summer as
part of the exchange program.

While at Penn State, the six visitors
attended classes in American studies,
roundtables and informal discussions with
members of the Black Studies Program and
graduate students in French and
comparative literature. They stayed with
local families and were escorted to various
activities by Penn State student hosts.

The other universities participating in the
youth exchange program are the University
of Iowa/University of Ouagadougou,
Burkina Faso, and Michigan State
University/University of Dakar, Senegal.

Guest speaker

Sue Kennitzler, a member of the
engineering directorate at NSF and former
chair of the congressional task force on the
status of women, minorities and the
handicapped in science and technology, will
speak at 8 p.m. Tuesday, April 10, in 101
Kern Building at University Park.

She will present the results of her study,
"Changing America: The New Face of
Science and Engineering."

The event is co-sponsored by the
Women's Studies Program, No Chapter of
Sigma Delta Epsilon (Graduate Women in
Science), the Women in Engineering
Program, and the Office of the Senior Vice
President for Research and Dean of the
Graduate School.

Advising Award

(Continued from page 1)

nominating Mr. Hall for the award. "Despite all the demands of his family, the department, and his graduate studies, he is always there for students if they should have a problem."

A native of Oregon, he has worked there as a vocational agriculture instructor and a game bird farm and shooting preserve manager. He also has worked in Oregon State University's Cooperative Extension Service Horticulture Department.

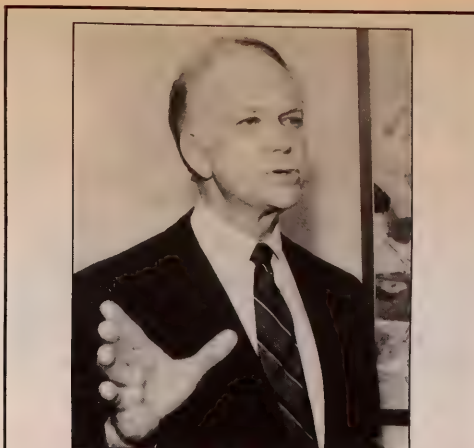
Among other organizations, he is a member of the American Association of Teacher Educators in Agriculture and the American Vocational Association.

Also a member of the National Vocational Agriculture Teachers' Association, he won its Teacher of Teachers Award in 1987 and was named the Nation's Outstanding Young Ag Teacher in 1980.

Other honors include receiving Penn State's Kozak Fellowship Award in 1987, and the Oregon Agriculture Teacher of the Year award in 1986. He was named Oregon's Outstanding Teacher of Vocational Agriculture an unprecedented four years in a row, 1983-86.

He has published a record book and instructor's manual for the Pennsylvania Vocational Agriculture Supervised Occupational Experience program, and *A Handbook for Undergraduate Students in Agricultural Education*.

Mr. Hall received his bachelor's and master's degrees from Oregon State University, and will complete doctoral work at Penn State this summer.



Bob Packwood

Sen. Bob Packwood, R-Ore., visited the University Park Campus on March 26. Sen. Packwood, ranking Republican and former chairman of the Senate Finance Committee, held a news conference and spoke to undergraduate and graduate classes on federal tax policy and other issues facing Congress. The senator, whose son, Bill, is a senior at Penn State, was a guest of the graduate program in policy analysis, the College of Business Administration, and the Department of Political Science. (Photo: Dave Shelly)

Donkin Award

(Continued from page 1)

a colleague.

In 1979 Dr. Wright was a co-recipent of the National University Extension Association Meritorious Award for Independent Study course, and in 1982 she was given the Evelyn R. Saubel Faculty Award in the College of Human Development for commitment to human service and advising of students.

She served three terms on the college tenure and promotion committee and currently is in the second year of a two-year term on the University tenure and promotion committee. She is a member of the Gerontology Center's advisory board and was instrumental in the formation of the Intercollege Graduate Program in Nutrition and served for three terms on that program's steering committee.

At the University level, Dr. Wright served on the human subjects research review committee from 1979 to 1986, on the University Faculty Senate from 1976 to 1978 and 1981 to 1984 and on the University Graduate Council from 1985 to 1989.

Dr. Wright's expertise in dietary assessment led to her appointment to the coordinating committee on evaluation of food consumption surveys, Food and Nutrition Board, National Academy of Sciences, from 1983 to 1985 and her appointment as chairman of the Pennsylvania Public Health Nutrition Workgroup by the Pennsylvania Department of Health in 1989.

Task Force to consider issues facing adult students

A Task Force on Adult Student Life and Learning has been appointed to consider problems and issues facing adult students at Penn State.

The task force, appointed by Janet Atwood, chair, University Faculty Senate,

and William C. Richardson, executive vice president and provost of the University, is to review recommendations made in two earlier studies on adult students and to assess: the feasibility of each recommendation; what would be required

for implementation, and the implementation steps that already have been taken.

The task force also is charged with: "Developing recommendations for a program to help sensitize faculty to the challenges and opportunities of working with adult students in both the instructional and research environments."

"Recommending steps to ensure that administrative and financial systems are sensitive to the characteristics of adult students."

"Developing criteria for a plan of advising which addresses the special needs of adult students."

"Making recommendations for an ongoing system to provide the services needed by adult students."

"Recommending ways to enhance the campus/student life of adult students."

Eric R. White, director of the Division of Undergraduate Studies, is task force chair. Members are: Brian C. Clark, Barbara A. Copland, Fred Ehrhart, Robert W. Evans, Warren R. Haffner, Charlene H. Harrison, Evelyn A.

Hovanec, Daniel Maier-Katkin, John C. Marshall, James T. McKee, James Mortensen, Judith L. Newman.

Larry R. Pollock, Carolyn Prager, June P. Roarabaugh, Jovita Ross-Gordon, John R. Saunders, Gaye W. Sheffield, Brian B. Torney, Kenneth E. Varcoe, and Carol L. Everett, staff.

The chair invites comments regarding adult students from the University community. Input may be provided in writing to Dr. White, 117 Grange Building, University Park.

Dr. Murphy receives NATO fellowship

Susan A. Murphy, associate professor of statistics in the Eberly College of Science, was among 55 young scientists awarded NATO Postdoctoral Fellowships by the National Science Foundation.

Dr. Murphy was selected from 246 applicants for the awards, which enable young scientists to pursue full-time postgraduate study abroad at institutions and laboratories in NATO countries or in neighboring countries that cooperate with NATO.

During summer and fall semester, she will conduct research in survival analysis and counting processes at the University of Utrecht, the Netherlands, with Richard Gill as her scientific adviser.

Dr. Murphy earned her doctoral degree in statistics last year at the University of North Carolina, Chapel Hill. A 1980 graduate of Louisiana State University, Baton Rouge, with a bachelor's degree in mathematics, she earned a master's degree in applied statistics at Tulane University, New Orleans, in 1983. While at the University of North Carolina, she held a Limited Service Graduate School Assistantship from 1984-85 and a George E. Nicholson Jr. Fellowship from 1985-86.

A member of the Institute of Mathematical Statistics, she also is a member of the Bernoulli Society and the American Statistical Association.

Lindback

(Continued from page 1)

through honors to the most advanced composition at the 400-level. He has excelled in teaching every era and every genre of American literature, his specialty, at every level, and he has created more new undergraduate courses than any of his colleagues."

Another colleague writes: "Stimulating his students to strive for excellence, demanding that excellence in performance and caring for his students, all mark Dr. Rameau as a distinguished teacher."

One of Dr. Rameau's students credits him with a "genuine, irrepresible and enduring" interest in his students. Another writes: "He respected his students and made it clear that he valued our opinions. He didn't try to impose a pet critical theory on discussions; he didn't tell us how to read a poem. He seemed to believe that there were as many readings of a work as there

were students in a class."

Dr. Rameau earned an A.B. degree from Kenyon College in 1960 and a Ph.D. from Rutgers University in 1971.

Dr. West joined the College of Engineering faculty as an assistant professor of civil engineering in 1967. He has been awarded the college's Outstanding Teaching Award (1975) and Premier Teacher Award (1986), as well as the Western Electric Award for excellence in teaching (1977) from the American Society of Engineering Education.

He explains his philosophy of teaching as "giving students a sense that you care, that you feel teaching is important and that you like doing it." He believes in being well prepared before entering the classroom and uses a teaching strategy that involves the students.

One student writes: "His command of the subject area is exemplified by his various activities in the field of structural engineering, including research, publications and consulting." Another notes: "His

teaching methods are superior. He has a full command of the subject and continually displays a genuine concern for his students."

Dr. West earned B.S. (1958) and M.S.

(1961) degrees in civil engineering from Penn State and a Ph.D. in civil engineering from the University of Illinois, Urbana, in 1967.

Bookshelf

Allan Quigley, assistant professor of education, has edited a book titled *Fulfilling the Promise of Adult and Continuing Education*. Included in the book, published by Josey-Bass, is an authored chapter, "Influencing Social Policy."

Jovita Ross-Gordon, assistant professor of education, authored a chapter in the book titled "Reaching and Involving Multicultural Groups."

Dr. Merritt to assist committee

Thomas L. Merritt, chair of the University Presidential Search and Screen Committee, has agreed to a request from J. Lloyd Huck, chair of the Trustee Presidential Selection Committee, to participate in an advisory capacity during the interview process for candidates being considered for Penn State's next president.

"I am very pleased that Dr. Merritt is able to devote his time to this important task," Mr. Huck said. Mr. Huck, who also serves as chairman of Penn State's Board of Trustees, said Dr. Merritt's

views will be helpful to the Board as it meets its responsibility to select Penn State's 15th president.

Dr. Merritt, professor of animal science and immediate past chairperson of the University Faculty Senate, said he welcomed the opportunity to assist the trustees in any way they deem appropriate throughout the presidential search. "We want to do all we can to attract a new president who will build on and continue the progress registered by the current administration," he said.

Focus on the arts

Book-signings

The Penn State Bookstore on Campus will sponsor four book-signings for local authors during the next week.

Charles Meek is the featured author from noon to 2 p.m. Friday, April 6. He will sign and discuss his new books: *Pennsylvania Trout Streams and Their Habitats* and *Meeting and Fishing the Habitats*. A noted fly fisherman and outdoors writer, he was a director and later regional director for the Continuing Education Department before retiring with 25 years service. He also will take part in a book-signing from 9 to 11 a.m. Saturday, April 7, at the Fireside Room in the Nittany Lion Inn.

Jim Morrow, guest lecturer in the English Department and local science fiction writer, will be featured at the bookstore from noon to 2 p.m. April 9. When he will sign copies of his new book *Only Begotten Daughter*. He is the winner of the 1988 Nebula Award for his short story "Bible Stories for Adults No. 17, The Deluge."

Joe Humphreys, instructor of fly-fishing for 13 years and internationally renowned fisherman, will be the featured author from noon to 2 p.m. April 10. He will sign and discuss his latest book *On The Trout Stream With Joe Humphreys*.

Local author Linda Rivers will be featured at the bookstore from noon to 2 p.m. April 11. Mrs. Rivers will sign and discuss her non-fiction book *Through Her Eyes, A True Story of Love, Miracles and Realities*. Originally published in a condensed version for *Reader's Digest Magazine*, her book is an inspirational account of her daughter's life and death at age 14; and as a consequence, how special programs for disabled children were developed. A portion of the proceeds from the sale of the book will go to the Lions Club Sight and/or Eyebank Programs.

All of the authors' books will be offered at a 20-percent savings during the book-signing sessions. For more information, call Elizabeth Wilson at 863-3250.

University Readers

Adapting to change will be the theme when the University Readers present two Eddie Nichol Award-winning stories at 8 p.m. Friday and Saturday, April 6 and 7, in 112 Kern Building at University Park.

"Later That Summer..." by Mariska van Aalst will be directed by Nicole Brown, and "Making the Cut in Cattail, Pa." by Dan Vergano will be directed by T.D. Pignetti. The other winner of the Nichol Award for his year was Sean Murray for his "Shelter from a Storm."

Cast members for "Later That Summer..." include Jay Biondi as the narrator; Abby Thompson as Mieke; Mark Shapiro as Gina; and Michael Segan as Joost. Michael Schlesinger will assist director Brown.

The cast of "Making the Cut in Cattail, Pa." will include Jeff Cole as narrator;



Jane Bastien is one of the guest artists at the Piano Weekend at Penn State April 6 and April 7 at University Park.



The University Resident Theatre Company will present Peter Weiss's French Revolutionary play "Marat/Sade" at 8 p.m. April 13 to 21 in the Playhouse Theatre.

David Lioen as Shunk; John Penkrat as Bobby; and Angie Orlando as the girl. "Later That Summer..." is about a young woman's adjustment to the imminent divorce of her parents, while "Making the Cut in Cattail, Pa." concerns a young boy's adjustment to life as a new resident of rural Pennsylvania.

The arts on Channel 3

"Uncommon Women and Others," Pulitzer Prize-winning playwright Wendy Wasserstein's highly acclaimed exploration of the choices and challenges facing modern women, encores on *Great Performances* at 9 p.m. Friday, April 6.

The play, starring Meryl Streep, Swoosie Kurtz and Jill Eikenberry, focuses on five graduates of Mount Holyoke, a prestigious college for women, who meet in a restaurant to evaluate their lives and careers.

A plethora of mandolin virtuosos, featuring music from Bach and Stravinsky to bluegrass, jazz and ragtime, kicks off the fourth season of *The Lonesome Pine Specials* airing at 9 p.m. Saturday, April 7.

"Mando Magnifica" is a summit meeting of excellent mandolin players with a kaleidoscope of musical styles.

'Piano Weekend'

The School of Music will sponsor a "Piano Weekend at Penn State" for independent and college piano teachers April 6 and 7 at University Park. The program will open at 3:30 p.m. Friday and end at 3:30 p.m. on Saturday.

Guest artists will include Barry Snyder from the Eastman School of Music and Jane Bastien, an internationally renowned composer, author and piano teacher.

Mr. Snyder will present a master class for piano majors in the School of Music. Ms. Bastien will present a seminar describing her teaching approach, as well as a master class with children in the local area.

Registration fee for the weekend is \$25. For more information, contact Timothy Shafer at (814) 863-4413.

Patee exhibit

The West Lobby Gallery and the Lending Services Gallery of Patee Library at University Park are hosting works for art education graduate students through April 23.

The annual show includes paintings, drawings, ceramics, computer graphics, and more. The show reflects a wide variety of student interests, as well as the cultural backgrounds of the participants.

'Endangered Imagination'

The East Corridor Gallery of Patee Library at University Park will feature "Beasties" (ceramic animals) as created by Susan Harter in an exhibit titled "Endangered Imagination," through April 20.

Ms. Harter's "Beasties" are constructed from thrown clay forms and hand-built slabs. They are fired using a variety of techniques, such as pit firing, raku, and salt firing. Several of the creatures are adorned with neck ties, hats, aprons, etc.

Ms. Harter received her B.A. in natural science from Lock Haven University and her B.A. in art from Penn State. Currently, she teaches art in the State College School District. Her purpose for the exhibit is to remind people of the variety of creatures that enrich our world, and the importance of conserving natural resources to ensure the future existence of these creatures.

History colloquium

Dale B. Light Jr., assistant professor of history at the Penn State Schuylkill Campus, will discuss "Rome and the Republic: Protestant-Catholic Conflict in Antebellum Philadelphia" at 4 p.m., Tuesday, April 10, in the Memorial Lounge of Eisenhower Chapel at University Park.

Dr. Light's presentation is part of the ongoing Department of History Colloquium.

Art history lecture

A specialist in early European urban development and city planning will present the lecture "Architects of Power: Castellamonte, The Savoy and the Dynastic Edification of Turin" at 8 p.m. Tuesday, April 10, in 112 Walker Building at University Park.

The lecture is the fourth in the spring semester series "The World and the Italian Architect: Native Images and Reflections Abroad," sponsored by the Department of Art History and the Institute for the Arts and Humanistic Studies.

Martha Pollak, assistant professor of the history of architecture at the University of Illinois, Chicago, has focused her recent research on the city of Turin; the history of its planning and the role of leading architects and patrons in its design.

Ms. Pollak will discuss the influence of the family dynasty, the kings of Savoy, who ruled Piedmont during the 17th century in the precarious position between France and Spain.

Author of numerous articles and reviews, including two major studies on Turin in the *Journal of the Society of Architectural Historians* and the *Art Bulletin*, Ms. Pollak has become a recognized specialist on ideal cities, fortresses, city planning, cartography and urban development from the Renaissance through the Baroque periods.

The lecture is free to the public. A reception will be held in the lobby of Walker Building after the presentation.

Odyssey on WPSU

The Bari Indians of Venezuela and Colombia live in a world of concentric rings: their houses are oval, surrounded by the rings of crops in their fields, and the

rainforest at the edge of the clearing.

On "The Bari's World of Rings," the next edition of "Odyssey Through Literature," anthropologist Stephen Beckerman explores with host Leonard Rubinstein what thinking of the world as a series of circles might mean to the Bari.

"What I'm curious about," Professor Rubinstein says, "is why this particular civilization prefers to remain with that particular geometric design." Bari culture, he discovers, is graceful and smooth, with no harsh angles even in its social relationships.

"I never so much as heard an adult raise his voice to another adult," Professor Beckerman says. "They enjoyed a civil peace that was absolutely astonishing. When two people are not getting along, one of them just picks up and leaves."

"The moment that a collision -- which is an intersection -- threatens to happen," Professor Rubinstein comments, "they simply move away."

"Odyssey Through Literature" is produced by the Comparative Literature Department and airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Pennsylvania Quintet

The Pennsylvania Quintet will present its spring concert at 8 p.m. Wednesday, April 11, at Recital Hall in the Music Building at University Park.

The program will include the "Six Bagatelles" (1933) by Transylvanian composer Gyorgy Ligeti, the "Eight Studies and a Fantasy" (1950) by Elliott Carter and the "Quintet in D minor," Op. 88, No. 4, by Anton Reicha, a contemporary of Beethoven.

The Pennsylvania Quintet, composed of faculty members in the School of Music, was founded in 1984 and has concertized throughout the East and Midwest. Members include Eleanor Duncan Armstrong, flute; Barry Kroeker, oboe; Smith Toulson, clarinet; Lisa J. Bontrager, horn; and Daryl Durran, bassoon.

Lenten music

Five students from the voice studio of Suzanne Roy, faculty member in the School of Music, will perform in concert at 12:10 p.m. Thursday, April 12, in Eisenhower Chapel at University Park. The 20-minute concert is part of the spring Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The program will consist of music for Lent and Holy Week, including selections by Handel, G. Faure and Ned Rorem.

The performers will be Huang Yi-Te Hong and Lisa Ikin, graduate students in the School of Music, and Lisa Delbert, Michele Morreale and Patti Valle, undergraduate voice majors in the music education program.

The audience is invited to bring their own brown bag lunch to eat after the performance. Coffee and tea will be provided.

URTC production

The University Resident Theatre Company (URTC) will present Peter Weiss' French Revolutionary play "Marat/Sade" at 8 p.m. Friday, April 13, at the Playhouse Theatre at University Park. The production closes the URTC 1989-90 season. Performances will continue through Saturday, April 21. The production, directed by John Neville-Andrews, exposes the contemporary parallels of the revolutionary ideals in Weiss' play. The audience, as part of the production, may experience anger, disenchantment and alienation, according to Professor Neville-Andrews.

The cast for "Marat/Sade" includes 38 actors and musicians. The artistic staff includes choreographer Sara Eichmiller, music director Pamela J. Nunneley, scenic designer Terry Gipson, costume designer

(Continued on page 7)

University Park Calendar

April 5— April 15 Special Events

Thursday, April 5

Lion Ambassadors, Old Main open house, 9 a.m.-4 p.m.
Women of Color, luncheon, noon-1 p.m., Hotel State College.

Bach's Lunch, 12:10 p.m., Eisenhower Chapel.
Penn State Horn Ensemble.
Social History Colloquium, 4 p.m., Rare Books Reading Room, Pattee Library, Charles Hartsoe, Virginia Commonwealth Univ., on "The Recreation and Parks Movement: A Response to Urbanization."
English, Slavic Languages, IAHS, play, 8 p.m., 112 Kern. Maria Mamona, one-woman show, "The Nun."

Women's Studies, Six Feminist Scholars, 8 p.m., HUB Gallery, Margaret Rossiter on "Women Scientists: 1940-70."

Friday, April 6

Women's Studies student/faculty conference, 9:30 a.m.-4 p.m., 305 HUB Gallery.

School of Music, "Piano Weekend at Penn State" workshop, 3:30 p.m. Also April 7, 3:30 p.m.
Geog. Coffee Hour, 4 p.m., 319 Walker. Olga and Yuri Medvedkov, Ohio State Univ., on "Geography of Underdevelopment in the U.S.S.R."

University Readers Performance, 8 p.m., 112 Kern. Free. Also April 7.

Contemporary Scholarship on Lesbian and Gay Lives Speaker Series, 8 p.m., HUB Assembly Room, John E. Mills, Univ. of N.C., on "Lesbian and Gay Studies: New Kid on the Block."

Saturday, April 7

School of Music, 7:30 p.m., Schwab Aud. Penn State Singing Lions.

Arthur H. Waynick Memorial Lecture, 8 p.m., 112 Walker. Friedrich Uff of Zahn, Univ. of Bonn, on "The Atmospheres of Earth, Venus and Mars."
Sunday, April 8
Carnegie Hall Film Series, 7 p.m., *Duel in the Sun* (1946); 9:15 p.m., *Sans Soleil* (1962), 4 Carnegie. Free.

Monday, April 9

Comp. Lit. Luncheon, 12:15 p.m., 101 Kern. Aida Beupied, Spanish Dept., on "Latin-American Myth of the Beginning: The Conqueror and the Conquered."
LGSA Film Series, 7:30 p.m., HUB Assembly Room. *Winch, Dyes, Faggots, and Poofers*.

Tuesday, April 10

Institute for the Study of Adult Literacy, brown bag lunch, noon-1 p.m., 101 Kern.
"Development of Video Instruction in Adult Literacy," on "Your Own," with Eunice Askov, Glen Blume, Debra Shafer.

History Colloquium, 4 p.m., Memorial Lounge. Eisenhower Chapel. Dale B. Light Jr., Schuykill, on "Rome and the Republic: Protestant-Catholic Conflict in Antebellum Philadelphia."

Shaver's Creek. Mini Natural History Course: Mammals, 6-9 p.m., Call 863-2000.
German Dept., 8 p.m., Rare Books Room, W342.
Pattee Library. Donald B. Kraybill, Elizabethtown College, on "The Riddle of Amish Culture."

Art History Lecture Series, 8 p.m., 112 Walker. Martha Pollak, Univ. of Chicago, on "Architects of Power: Castellamonte, the Savoy, and the Dynastic Edification of Turin."
Lecture, 8 p.m., 101 Kern. Sue Kemnitz, Congressional Task Force on Status of Women, Minorities and Handicapped in Science and Technology, on the results of her study, "Changing America: The New Face of Science and Engineering."

Wednesday, April 11

Slavic Center luncheon seminar, noon, 114 Burrows. Marie Bednar, Pattee Library, on "Czechoslovakia's Gentle Revolution and its Aftermath."
School of Music, 8 p.m., Recital Hall. The Pennsylvania Quintet.

Thursday, April 12
Bach's Lunch, 12:10 p.m., Eisenhower Chapel.
Voice Studies of Suzanne Roy. Lenten Music. Women's Studies faculty/advisory committee meeting, 1:30-3:30 p.m., 12 Sparks.

Ethics in America, videotape presentation/discussion, 3 p.m., Eisenhower Chapel. "Ethics in Journalism, Privacy, Politics, Privacy and the Press."



Martha Pollak will talk about architects of Turin, as illustrated in this engraving, at 8 p.m. April 10 in 112 Walker Building.

Friday, April 13

Geog. Coffee Hour, 4 p.m., 319 Walker. Joel Garreau, *The Washington Post*, on "Edge Cities and American Values."

Bicentennial of the French Revolution, URTC, 8 p.m., Pavilion Theatre. Peter Weiss, *Mami/Saudi*, through April 20.

Saturday, April 14

AAUW, used book sale, 3-9 p.m., HUB Ballroom. Also April 15, 9 a.m.-9 p.m., HUB Ballroom.
Center for the Performing Arts, 8 p.m., Eisenhower Aud. Ballet du Nord.

Sunday, April 15

Carnegie Hall Film Series, 6:45 p.m., *The Survivors* (1956); 9 p.m., *This Is Our Home, It Is Not For Sale* (1987), 4 Carnegie. Free.

International Events

Tuesday, April 10

Linda Curcio-Nagy, director, Latin American Curriculum Resource Center, Tulane Univ., will discuss "Funding Opportunities for Projects with Latin America" from 2:30 to 4 p.m. in 222 Boucke.

Education Abroad Programs

The following programs for Spring 1991 are available until Oct. 1: Athens, Exeter, Kiel, Manchester, Nice, Rome, San German, Tel Aviv.

Public Radio

WPSU-FM 91.1 "All Things Considered,"

Monday-Friday, 5-6:30 p.m. Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m. "Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubinstein. "Perspectives," 6:30 p.m. Wednesdays, with Jeff Ballou. "Creative License," 12:30 p.m. Thursdays, with Asa Berlin and Pam Salmier.

Conferences

Continuing Education

Keller Building

April 9, Central Pa. Collaborative for International Education, Jack Sinclair, coordinator.
April 10-11, Visible Emissions Training Program, Robert Heinsdorf, professor of mechanical engineering, chair; Barb Impellitteri, coordinator.
April 9-12, Radon Technology for Mitigators, Bonnie Ford, technical education specialist, chair; Norman Lathbury, coordinator.

April 10-11, Visible Emissions Training Program, Robert Heinsdorf, professor of mechanical engineering, director; Bill Sterner, coordinator.
April 11, FAA Accident Prevention Seminar, Paul Homack, chief flight instructor, chair; Eric Loop, coordinator.

Seminars

Thursday, April 5

Polymer Science, 9 a.m., 301 Steidle, R.D. Lundberg, Exxon Chem.

Physics Colloquium, 3:30 p.m., S5 Osmond Lab. John McGervy, Case Western Reserve, on "Physics and the Cosmos: A New Freshman Course."

Ecology, 3:45 p.m., 111 Wartik. Robert Koide on "Effects of Mycorrhizae on Plant Growth and Reproduction."

Mechanical Engineering, 4 p.m., 103 Mechanical Engineering, Hans Moravec, Carnegie Mellon Univ., on "Long Waves Instability in Thin Films."

Friday, April 6

Human Performance Lab, lecture, 11:15 a.m., 121 Noll Lab. Henrik Carbo, Univ. of Copenhagen, on "Hormonal and Metabolic Adaptations to Exercise."

Saturday, April 7

German, lecture, 10:45 a.m., 124 Sparks. Gunter Hantschel on "Hebbels Lyrik in illustrierten Ausgaben und Anthologien."

Monday, April 9

Physics Colloquium, 11 a.m., 339 Davey Lab. Robert Dyer, AT&T Bell, on "Bad Metals, Superconductors and Insulators."
Entomology, 3:45 p.m., 204 Patterson. Leigh English, Ecogen Inc., on "Bi Model of Action." EPF, 4 p.m., 339 Davey Lab. N. Reshetikhin, Harvard Univ., on "Quantum Integrable Systems."

Tuesday, April 10

Gerontology Center Colloquia, noon-1 p.m., 101 Health and Human Dev. Bldg. East. Cynthia Bergeman on "Behavioral Genetics and Aging." Condensed Matter Physics, 4 p.m., 339 Davey Lab. Anil Khurana, *Physics Today*, on "The Metal Insulator Transition."

Wednesday, April 11

Analytical Chemistry, 11:15 a.m., S5 Osmond Lab. Marc Porter, Iowa State, on "Monomolecular Assemblies: Structure-Reactivity Relationships at Liquid Solid Interfaces." Graduate Lecture, 4 p.m., 112 Kern. Leonard S. Jefferson Jr., Hershey, on "Diabetes Mellitus."

More buildings will start recycling

April 9 kicks off the eighth group of University Park buildings to start the campuswide recycling program.

People are reminded that not all waste is acceptable for recycling. There are two separations: one for paper and one for containers. Other material is considered non-recyclable trash and should be discarded as usual.

Recyclable paper includes white ledger paper (writing, typing and copy), newspaper, computer printout and corrugated cardboard.

"We cannot accept regular cardboard, such as cereal boxes, or envelopes, post-it notes, paper plates, cups, towels or colored paper," Phil Melnick, manager of support operations and special programs for the Physical Plant, said.

"Paper must be dry and not contaminated by food. Also, containers should be rinsed before depositing in the

Highlights of Research Progress During the Last Decade."

Thursday, April 12

Polymer Science, 9 a.m., 301 Steidle. S.J. Huang, Univ. of Connecticut, on "Biodegradable Polymers."

Physics Colloquium, 3:30 p.m., 101 Osmond Lab. John Cardy, Berkeley, Calif.

Ecology, 3:45 p.m., 111 Wartik. Oscar Rocha on "Non-Random Fertilization and Seed Abortion."

German Dept., 4 p.m., Frizzell Room, Eisenhower Chapel. Otto Ennenberg, East German writer, on "Post-Election Perspectives on East Germany and Re-Unification."

Mechanical Engineering, 4 p.m., 103 Mechanical Engineering, Hans Moravec, Carnegie Mellon Univ., on "After Life: Robots."

Exhibits

Chambers Gallery

School of Visual Arts, Undergraduate Graphic Design and Metals Exhibition, through April 6.

HUB Galleries

Formal Gallery: Bicentennial of the French Revolution. "The French Revolution as Portrayed in Collector's Postcards," through April 30.

Black Wings: The American Black in Aviation, through April 29.
Art Alley Panels and Cases: The Central Pa. Guild of Craftsmen annual member exhibit/through April 27.

Browsing Gallery:

Pa. Department of Corrections, art contest, through April 27.

Kern Galleries

Selections from the Graduate Research Exhibition, through May 15.
The French Revolution, Collector's Postcards, through April 30.

Denise Arner, Jewelry, through April 30.
Alice Rice, Paintings and Drawings, through April 30.

College Research Exhibitions, College of Business Administration, through April 27.

Palmer Museum of Art

Roman Portraits, through April 22.
Figurative Drawings of the 17th and 18th Centuries from the Accademia Nazionale di San Luca in Rome, through May 20.
Transforming the American Garden, through May 13.

Pattee Library

East Corridor Gallery: Susan Harter, Endangered Imagination, through April 20.

West Lobby and Lending Services Gallery: Works by at education graduate students, through April 23.

Zoller Gallery

M.F.A. Thesis Exhibition, through April 14.

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather-234; Arts Line-345; University Calendar-456.

collection boxes."

Containers include clear, green and amber glass, aluminum cans, plastic soda bottles without caps, plastic milk and water jugs (no caps), steel and tin metal cans.

"Some of the more common errors being made in the disposal of containers are unacceptable items, such as mixed plastics like detergent and shampoo bottles, lab glass (tempered), yogurt containers, drinking glasses and bottle caps," Mr. Melnick noted.

To date, 125 tons of paper and 15 tons of containers have been collected for recycling.

The buildings that are to begin recycling include East Hall residence halls: Sprout, Pinchot, Tener, Brumbaugh, Fisher, Stuart, Hastings, Snyder, Stone, Findlay, McKean, Pennypacker, Curtin, Bigler, George, Packer and Johnston; leased space buildings: Blair, George, James, Rider and Rose.

Penn Staters

Rustum Roy, Evan Pugh professor of the solid state and director of the Science, Technology and Society Program, spoke on "U.S. Scientists as Citizens" at the International Conference on Low-Energy Delocalized Structures held at the University of Virginia, Charlottesville.

Roy Olafson, professor of chemistry, gave an invited lecture titled "New Regioselective Syntheses of Benzoannulated o-Membered Rings" at the Ecole Polytechnique of France and another titled "Newer Uses of Novel Haloformates and Related Reagents" at Oxford University, the University of Manchester, and the College de France.

George Andrews, Evan Pugh professor of mathematics, has been named the University of Wisconsin-Madison's 1989-90 Hilldale Lecturer in Physical Sciences. Dr. Andrews will lecture on the turn of the century Indian mathematical genius Srinivasa Ramanujan and also will give a mathematics colloquium titled "Partition Identities and Group Theory."

Mary Dupuis, director of teacher education and professor of education, has been elected president of the Pennsylvania Association of Colleges and Teacher Educators (PACTE) for 1990-92.

Michael Moore, associate professor of education, presented the paper "Distance Education in the U.S.A." to the Norwegian Institute for Distance Education in Oslo, Norway.

James Ratcliff, director of the Center for the Study of Higher Education, has received a \$50,000 grant from the Exxon Educational Foundation to continue research on "The Effect of Coursework Patterns and Course Selections on the Development of General Learned Abilities" among college undergraduates.

William A. Steele, professor of chemistry, has been named editor of the American Chemical Society journal *Langmuir*. *Langmuir* covers the entire range of surface and colloid chemistry, which deals with emulsions, membranes, films, electrode processes, catalysis, and many other basic areas of chemistry.

Fredrick Welch, professor-in-charge, Vocational Industrial Education, has received the Sol Hoberman Award from the National Cooperative Education Association. It is given annually to an individual who has contributed significantly to and enhanced cooperative vocational education throughout the world.

Jean Brechley, director of the Biotechnology Institute, has been elected to the Committee on Nominations for the American Association for the Advancement of Science.

Robert Light, acting associate dean of research and continuing education, Penn State Erie, The Behrend College, has been named a member of the Growth Initiative for Teachers Program, a nationwide grant program of GTE Corp. that provides grant opportunities to secondary and science teachers.

Wolfgang E. Meyer, professor emeritus of mechanical engineering, is the 1989 recipient of the American Society for Testing and Materials' H.W. Kummer Lecture Award. He was cited for his paper on "Pavement Texture Significance and Measurement."

P.E. Sokol, associate professor of physics, is co-editor of the newly published "Momentum Distributions," the proceedings of the Workshop on Momentum Distributions held at Argonne National Laboratory in October 1988.

Monty L. Christiansen, associate professor of recreation and parks, has been named to the National Certification Board for Leisure Professionals.

Elbert D. Glover, professor of health education and director of the Centre for Tobacco Studies, presented two papers at the 14th Commonwealth and International Conference of Physical Education, Sport, Health, Dance, Recreation and Leisure in Auckland, New Zealand.

Raja V. Ramani, professor of mining engineering and head of the Department of Mineral Engineering, has been named recipient of the 1990 Environmental Conservation Award of the American Institute of Mining, Metallurgical, and Petroleum Engineers (AIME) for "his several and diverse contributions to environmental conservation in surface and underground mine planning and design."

Wilbur Zelinsky, professor emeritus of geography, has been appointed Visiting W. Harold and Martha Welch Professor of American Studies at the University of Notre Dame for the 1990-91 academic year.

Nermal K. Bose, Singer professor of electrical engineering, has been named editor-in-chief of *Multidimensional Systems and Signal Processing*, a new journal in electronic engineering.

David A. Kurtz, analytical chemist in pesticide research in the Department of Entomology, presented a paper titled "Pesticide Content on the Northern Fur Seal" at the Comite Arctique International Conference on "Global Significance of the Transport and Accumulation of Polychlorinated Hydrocarbons in the Arctic" in Oslo, Norway.

Samuel Levine, professor of nuclear engineering, delivered a series of six lectures on basic reactor physics and supervised the associated computer exercises at the Workshop on Reactor Physics Calculations for Applications in Nuclear Technology in Trieste, Italy.

Richard E. Tressler, professor of materials science and engineering and director of the Center for Advanced Materials, has been elected vice president of the American Ceramic Society, the leading (and largest) professional society in the world in the ceramics field with a total membership of 15,000.

Carl H. Wolgemuth, engineering associate dean for undergraduate studies in the College of Engineering, has been elected a Fellow of the Society of Automotive Engineers.

John Wyckoff, assistant director of the Division of Undergraduate Studies, and **James Levin**, academic adviser and affiliate assistant professor of education, have received a Phi Delta Kappa, district 6, research grant to study "Attitudes Towards Mathematics and Their Relationship to Persistence and Success in College." Phi Delta Kappa is the largest professional education organization in the world.

Bruce Lindsay, professor of statistics, College of Science, has been selected as one of eight Institute of Mathematical Statistics (IMS) Special Invited Lecturers.

Robert D. Shipman, professor of forest ecology in the School of Forest Resources, has received the 1989 Outstanding Service to Forestry Award at a recent meeting of the Allegheny Society of American Foresters.

Richard Whitten, assistant professor of art in the School of Visual Arts, has been awarded a \$3,500 grant from the Graham Foundation for Advanced Studies in the Fine Arts to support his research, "Paintings of Imaginary Architectural Interiors."

Archie Loss, professor of English, Penn State Erie, The Behrend College, presented a paper on "The Automobile in American Literature: Directions for

Research" at the Popular Culture Association in Toronto, Canada.

Steven Gordon, assistant professor of education, has received the 1989 Outstanding Dissertation Award in the Supervision category from the Association for Supervision and Curriculum Development. The award is given each year to the dissertation that most significantly advances the knowledge and understanding of educational theories, concepts and practices.

Kathleen Barry, associate professor of human development in the College of Health and Human Development, led the Ninth Delegation of U.S. Women Leaders to the Republic of China.

Regina Bircham, associate professor of biology at the Penn State McKeesport Campus, presented a paper and participated in an International Women's Conference on the "Health and Environmental Effects of Radiation Due to Nuclear Weapons Testing and Production" at the Palais des Nations, United Nations, Geneva, Switzerland.

Inyong Ham, FANUC professor of industrial engineering, has received the Albert M. Sargent Progress Award of the Society of Manufacturing Engineers.

Robert L. Kabel, professor of chemical engineering, served as visiting professor at the University of New South Wales, Sydney, Australia; as an Erskine Fellow at the University of Canterbury, Christchurch, New Zealand, and as visiting professor at Chulalongkorn University, Bangkok, Thailand.

Amir Khalilollahi, assistant professor of mechanical engineering, Penn State Erie, The Behrend College, presented a paper on "Code Development and Analysis of Combined Radiation and Conduction Through Multiple Shields" at the ISMM International Symposium on Computer Applications in Design, Simulation and Analysis, in New Orleans.

Les E. Lanyon, associate professor of soil fertility, presented a paper "Tools for Sustainable Land Use Analysis," at the International Workshop on Sustainable Land Use Systems in New Delhi, India.

"Field Observations of Truck Operational Characteristics Related to Intersection Sight Distance," by **John M. Mason Jr.**, associate professor, and **Kay Fitzpatrick**, research assistant, both in civil engineering, was selected as the 1990 Outstanding Paper on the Operational Effects of Geometrics by the Transportation Board, a division of the National Research Council.

News in Brief

Center moves

The offices of the Center for Cell Research have been moved to 205 through 210 South Frear Building. The Center's telephone number remains the same, 865-2407.

AAUW annual used book sale

The 29th annual AAUW used book sale sponsored by the State College Branch of the American Association of University Women will open on Saturday, April 14, from 3 to 9 p.m. The sale will continue Sunday, April 15, through Wednesday, April 18, from 9 a.m. to 9 p.m. in the Ballroom of the Hetzel Union Building at University

Park.

More than 80,000 books have been sorted into 30 categories and on each table of books will be a sign designating the category of material to be found on that table.

Books are sold as priced the first three days of the sale. Books that remain on Tuesday, April 17, will be sold at half of the marked price. On Wednesday, April 18, customers will be given large grocery bags which they may fill with books for \$4 per bag.

Proceeds from the sale are used to support the AAUW Educational Foundation Program and local educational projects.

Graduate Lecture Series

Leonard S. Jefferson Jr., professor and chair, Department of Cellular and Molecular Physiology, Hershey Medical Center, will speak on "Diabetes Mellitus: Highlights of Research Progress During the Last Decade" at 4 p.m. Wednesday, April 11, in 112 Kern at University Park. Refreshments and a reception will be at 3:30 p.m.

Dr. Jefferson is co-author of more than 100 papers reporting research into causes of diabetes. Study topics include the action of insulin on protein synthesis and changes in RNA in skeletal muscle as a function of diabetes and insulin treatments.

He was honored by the American Diabetes Association in 1974 and 1976 and by the National Institutes of Health (MERIT Award) in 1986. He holds a Ph.D. in physiology from Vanderbilt University.

His talk is part of the Graduate Lecture Series.

Consumer panelists needed

Subjects are sought to participate in a home use test for reduced calorie cheese substitute products which contain no cholesterol or lactose. Participants will be paid \$5. If interested, contact Ruth Hollender or Lisa Mamana between 10 a.m. and 2 p.m. at 863-2971.

25-year award recipients



Observing 25 years of service are, from left, Gloria Briggs, assistant to the vice president, personnel and administrative services; Gloria Wiser McNeal, secretary A in the School of



Music; James Southard, truck driver janitorial, Office of Physical Plant, and Rebecca Taranto, college health nurse, University Health Services.



Faculty/Staff Alerts

Courses for faculty and staff

The Human Resource Development Center has openings in the following courses being offered in April and May. Call the center at 865-3410 for registration information.

Oral Communications A basic course in improving oral communication effectiveness is offered to employees who seek to improve their verbal effectiveness in areas related to their jobs; meets Mondays, April 16, 23 and 30, from 9 a.m. to noon; cost: \$75.

Improving Communications Between

Supervisor and Employee Learn how career stages and differing behavioral styles influence communication; and learn how to give positive and negative feedback; meets from 9 a.m. to 4 p.m. Wednesday, April 25; cost: \$55.

Making Successful Presentations Designed to help participants develop an effective speaking style for clear, dynamic public speaking; from 9 a.m. to 4 p.m. Wednesday, May 2; cost: \$55.

Burnout Burnout can include anything from "feeling burned around the edges" to

physical and emotional exhaustion and disillusionment. Workshop will explore possible alternatives and solutions; meets from 9 a.m. to 4 p.m. Thursday, May 3; cost: \$55.

A Woman's Guide to Acquiring Positions of Leadership For women who are career oriented and want to advance to positions of leadership; meets from 9 a.m. to 4 p.m. Wednesday, May 9; cost: \$55.

Stress Management Identifies stressors and their effects and develops a realistic individualized plan to cope with stress; meets from 9 a.m. to 4 p.m. Wednesday, May 16; cost: \$55.

Profoamatics Developed to help

eliminate communication errors through proofreading. This class meets for six sessions, every Tuesday and Thursday beginning May 15, from 1:15 to 3:30 p.m.; cost: \$125.

Obituary

Earl N. Grove, supervisor of Engineering Shop Services, College of Engineering, from Jan. 1, 1936, until his retirement Oct. 1, 1974, died March 17 at the age of 80.

Focus on the arts

(Continued from page 4)

JoAnna Schmink, lighting designer Jackie Bauer, dramaturg Kevin Fry, stage manager Suzie Newbury, and assistant director Dick Caram.

The production also will feature the last URTC performances by Bill Gabelhausen, Richard Bradbury, Bob Clendenin, Joseph A. Blotner, Drew Ebersole, Kathleen Cullen, Bill Mulvey and Fred Schleicher.

Tickets for "Marat/Sade" are available at the Playhouse and Eisenhower Box Offices or by calling 863-0255. "Marat/Sade" is recommended for mature audiences only.

East Germany

Otto Emsleben, an East German writer and participant in the Democratic Reform Movement, will speak on "Post-Election Perspectives on East Germany and Re-Unification" at 4 p.m. Thursday, April 12, in the Frizzell Room, Eisenhower Chapel, University Park.

His visit is sponsored by the Department of German. Mr. Emsleben was an International Visitor at Bowdoin College in 1988-89 and is writing a biography of Bowdoin alumnus Robert E. Peary.

Born in Berlin, he grew up in the American sector of West Berlin, then moved to the East, where he studied physics in Greifswald and Sofia. He worked for the German Democratic Republic film manufacturing company ORWO. In 1976, he became a free lance writer.

A member of the GDR Writers' Union and the Hukluyt Society, he is the author of *Papierstein*, a novel on the contemporary GDR, as well as several historical novels and numerous nonfiction works on the history of geography, short stories, reviews and essays.

Ballet du Nord

Ballet brings its international style to Eisenhower Auditorium at University Park at 8 p.m. Saturday, April 14. The ballet will perform two of its dances,

"Celebration" and "Piaf-Les Mots D'Amour."

The 30-member group, created in 1983, is one of Europe's youngest ballet companies. Yet in that short time, it has established itself as an important part of French culture and has captivated audiences throughout Europe.

Under the direction of Alfonso Cato, Ballet du Nord is known for its large repertoire of Balanchine works. Ballet du Nord also mixes European and American styles to create its own unique personality. True to its homeland, the company often uses French music and works.

The performance is supported jointly by grants from the Pennsylvania Council on the Arts and the National Endowment for the Arts.

Tickets are available from the Eisenhower Ticket Center, open from 8:30 a.m. to 4:30 p.m. weekdays.

WPSX short of goal

Public television station WPSX-TV fell short of its Festival fund-raising goal as it wound up the 19-day event with a total pledged amount of nearly \$144,000. The station had set a \$200,000 goal for the campaign.

John Grant, manager for WPSX-TV, said that while the final figure is expected to rise somewhat with contributions that are mailed in after the on-air campaign, the final amount will still fall short of the goal.

"We plan to take a hard look at our on-air fund-raising approach," he said. "We hope that this drive is an aberration and not a trend."

The funds raised during the twice-yearly Festivals go towards the purchase and production of programming for the station.

The outlay for this year's program acquisitions is pegged at over \$435,000.

Viewers who would like to contribute to the station can mail their check to WPSX-TV at Wagner Annex, University Park. Pa.

16802. Basic membership is \$35, \$25 for senior citizens and students.

Fine arts videos

University students and faculty are spending time with literary giants and experiencing the world's finest operas and ballets without setting foot off the University Park Campus, thanks to a cooperative media venture of the College of Arts and Architecture and the University Division of Media and Learning Resources.

A collection of fine arts videos, featuring works by such writers as Luigi Pirandello, T.S. Eliot, Henrik Ibsen, and Jean Cocteau, and performances of such works as *Midsommer Night's Dream*, *Carmen*, *Marriage of Figaro*, and *An Evening with the Bolshoi*, has been established at the Theatre Arts Library in the Arts Building.

The Theatre Video Reference Library is available to students and faculty involved in related instructional activities and/or research, according to project coordinator Douglas N. Cook, professor of theatre arts.

"The core collection of videotapes will be expanded as usage patterns develop and demand dictates," Professor Cook said. "This provides the University with yet another cultural and educational resource, and we welcome the opportunity to explore its potential."

The Theatre Arts Library, under the supervision of Thomas J. Foral, library chairman, Department of Theatre Arts, will serve as the site of the screening facility. Arrangements can be made to view the tapes by visiting the departmental office in 103 Arts Building or by calling 865-7586. A list of the tapes currently available will be posted in both the library and the office.

The Theatre Video Reference Library is one of two components in a media project developed by the Department of Theatre Arts with the Division of Media and Learning Resources. The second is the distribution of the fine arts videos to alumni and friends of the University.

Institute fellowships

Stanley Weintraub, director of the Institute for the Arts and Humanistic Studies, has announced the most recent recipients of Institute Faculty Research Fellowships. The recipients and their projects are:

-- **Albert Anderson**, associate professor of art education, to prepare a book dealing with the origins, evolution and cultural impact of America's non-profit craft schools.

-- **Philip Baldi**, professor of linguistics and classics, to complete a book, *The Foundations of Latin*.

-- **Leslie Brown**, associate professor of musicology at the Beaver Campus, to continue a study of the science of music in the Scottish Enlightenment; theory, aesthetics and criticism.

-- **Charles Cantalupo**, associate professor of English at the Schuylkill Campus, to support a production of "Colonial/Neo-Colonial: An Ode to Performance."

-- **Robert Edwards**, professor of English and comparative literature, to edit and interpret medieval Latin poems representing a close relationship between poetic invention and traditions of legal training and reasoning in the Middle Ages.

-- **Raymond Fleming**, professor of comparative literature and Italian, to prepare the Thomas Mann chapter for a book in progress, *The Continuity of Fear in Western Literature*.

-- **Taylor Greist**, assistant professor of music, to conduct research on American composer Charles Seeger.

-- **Jeanne Kowchalski**, assistant professor of English at the New Kensington Campus, to study the day-book of Santa Reparata, Florence and related documents.

-- **Jane C. Rice**, assistant professor of German, to study the reception of Shakespeare in the German Democratic Republic and the changing contours in that discourse from 1949 to 1989.

-- **Martin Stabb**, professor of Spanish, to complete a book, *The Contemporary Spanish American Essay: 1960-85*.

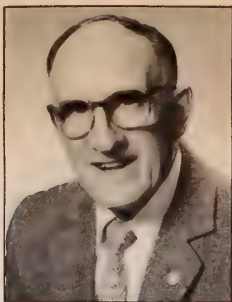
Research award recipient will present lecture

John A. Lucas, recipient of the Pauline Schmitt Russell Distinguished Research Career Award, will present a lecture titled "Sound and Fury: A Dozen Cities Vie for the Olympic Games of 1992 through 2004" at 8 p.m. Thursday, April 12, in the HUB Assembly Room at University Park.

The award is given by the College of Health and Human Development to senior faculty members who have made outstanding research contributions throughout their careers.

Dr. Lucas, professor of exercise and sport science, is a sport historian whose research has focused particularly on the Olympic Games. An Olympic historian, observer, researcher, and teacher, he has lectured widely in the United States and overseas on sport and on the Olympic movement.

He is author of *The Modern Olympic Games*, co-author (with Ronald A. Smith, professor of exercise and sport science) of *Saga of American Sport*, and author of several monographs and more than 160 scholarly articles on sport and sport history. He has served as special consultant to the U.S.



John A. Lucas

Olympic Committee and the International Olympic Committee.
In 1975 he was named to the American

Academy of Physical Education, an honor limited to the 125 most eminent scholars in the field. Recently he was one of 10 persons from 10 nations selected to evaluate the 1988 Summer Games at Seoul.
The Distinguished Research Career

Award was endowed by Leo P. Russell, a 1941 industrial engineering graduate of Penn State, in honor of his late wife, Pauline Schmitt Russell, who earned a degree in home economics in 1948.

Communications expert to give lecture

International mass communications expert Tamas Szecsko will deliver the second Robert M. Pockrass Memorial Lecture at 8 p.m. Thursday, April 26, in the HUB Auditorium at University Park.

Dr. Szecsko, general director of the Hungarian Institute for Public Opinion Research, will speak on "East European Media on the Move: the Case of Hungary." The lecture is free to the public and is sponsored by the School of Communications. It is named for the late Dr. Pockrass, a member of the journalism faculty from 1948 to 1977.

Dr. Szecsko, Hungary's long-time

representative at UNESCO communications debates, is spending a year with the University of Pennsylvania on a Fulbright Fellowship. He is a graduate of Karl Marx University of Economics, where he is now an honorary associate professor, and received his doctorate in sociology from the Hungarian Academy of Sciences.

He also is founder and editor-in-chief of the quarterly communications journal *Jel-Kép*, and general secretary of the International Association for Mass Communication Research. His publications include seven books and numerous articles.

Staff Vacancies

The following vacancies for positions classified as exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in positions may APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304). Applications for these staff vacancies will be accepted until April 12. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment Practices (PSS-1) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

• **Director, Child Care Program Services, Office of Human Resources, University Park Campus**—Responsible to the assistant vice president for human resources for the development of a University-wide child care program service at Penn State. Requires a master's degree, or equivalent, with evidence of training in child care program development, child care program administration, federal and state laws associated with child care programs and safety and health issues associated with child care programs. A minimum of three years effective experience in the delivery of such programs is necessary with a portion of that experience at an administrative level in prior employment in an agency which had a substantive clientele in its programs. Candidates for this position must have demonstrated success in earlier work history directly related to this field. STAFF GRADE 8.

• **Junior Research Aide, Agriculture, Veterinary Science, University Park Campus**—Responsible to faculty member at Animal Disease Lab for performing a variety of routine laboratory and veterinary procedures associated with animal necropsy. Requires associate degree, or equivalent, preferably in animal pathology, medical technology, veterinary technology or related field, plus three to

six months of effective experience. THIS IS A FIXED-TERM POSITION FUNDED THROUGH SEPT. 30, 1990, WITH GOOD POSSIBILITY OF RE-FUNDING. STAFF GRADE 3.

• **Design Engineer and Machine Shop Supervisor, Science, Physics, University Park Campus**—Responsible for the supervision of the Machine Shop and for providing thorough consultation design engineering services. Advise faculty and graduate students in the design of specialized instruments and critically assess and assist in the design process. Direct personnel in creating instruments from well-constructed blueprints. Prepare shop work orders and maintain and process time and materials records for billing purposes. Requires bachelor's degree, or equivalent, in engineering or related field, plus two to four years of effective experience, including supervision of machine shop. STAFF GRADE 7.

• **Director of Governmental Health Relations, Office of the President, Office of Governmental Affairs, The Milton S. Henery Medical Center**—Responsible to the special assistant to the president for governmental affairs, in conjunction with the senior vice president for health affairs and dean of the College of Medicine at Hershey, for serving as the Hershey Medical Center's principal governmental liaison officer with the Commonwealth. Solicit testimony and information involving medical and health related matters. Requires bachelor's degree, or equivalent, with six to seven years of effective experience. Work in government health relations or similar background in health related experience preferred. STAFF GRADE 9.

• **Technical Illustrator, Applied Research Laboratory, University Park Campus**—Responsible to the manager, Communications Support Services, for the preparation of drawings and illustrations of electronic, electromechanical, hydraulic and acoustic equipment and devices intended for use in reports, publications, engineering drawings and presentations. Requires associate degree or completion of a two-year program in graphic arts or drafting, plus one to two years of effective experience. U.S. citizenship required. THIS IS A FIXED-TERM POSITION

FUNDED FOR SIX MONTHS. STAFF GRADE 4.

• **Programmer/Analyst B, Vice President for Business and Operations, Management and Systems Engineering, University Park Campus**—Apply modern, structured design and programming techniques to design and develop new programs and modify and maintain existing programs for business applications. Requires bachelor's degree, or equivalent, in a computer related field and one to two years of effective experience in programming and systems design. The ability to communicate orally and in writing also is required. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1990, WITH GOOD POSSIBILITY OF RE-FUNDING. STAFF GRADE 6.

• **Surgical Technician, University Hospital, Nursing/OR, The Milton S. Henery Medical Center**—Responsible to the RN circulating nurse/nurse manager for providing a sterile patient care operating room setting, for equipment and instrumentation set-up and operation and providing surgical assistance during the operating room procedure. Requires graduate of an approved school of surgical technology with up to and including 12 months of effective experience. STAFF GRADE 3.

• **Manager, Social Services, College of Medicine, The Department of Social Services, The Milton S. Henery Medical Center**—Responsible to the director, Inpatient Operations, for the development, implementation and evaluation of the total social services program in accordance with accepted social work practice and Medical Center policies and procedures. Requires master's degree in social work, or equivalent, plus four to five years of effective experience in a hospital setting. STAFF GRADE 8.

• **Network Support Specialist, College of Medicine, The Department of Medicine, The Milton S. Henery Medical Center**—Responsible to the director of administration/medicine for installation and operation of departmental computer network systems, training of departmental support staff, as well as hardware and software solutions for the department. Requires bachelor's degree, or equivalent, in computer science, plus one to two

years of effective experience. A working knowledge of various software programs such as Lotus 1-2-3, WordPerfect and/or D-Base III is required. STAFF GRADE 6.

• **Computer Center and Technical Service Specialist, Delaware County Campus**—Responsible to the directors of academic affairs/business services for the supervision and scheduling of day-to-day operation of the Campus Computation Centers and for providing advice and assistance to the faculty, staff and students. Requires bachelor's degree in computer science or an equivalent field of study or training, plus over one to two years of effective experience. Experience in programming, data processing, microcomputer operation and knowledge of programming languages such as FORTRAN, Pascal and Basic are essential. Some telecommunications experience preferred. STAFF GRADE 6.

• **Junior Engineering Aide, Applied Research Laboratory, University Park Campus**—Responsible to the project engineer or designated senior engineering aide for assistance in the fabrication, testing, installation, operation and maintenance of nonstandard electronic or mechanical parts, components and equipment. Requires associate degree, or equivalent, in electrical or mechanical engineering technology program and more than three months of effective experience. Position may require travel on field assignments including assignments aboard ships at sea. U.S. citizenship required. STAFF GRADE 3.

• **Engineering Aide, Applied Research Laboratory, University Park Campus**—Responsible to the project engineer or senior engineering aide for the layout, design, fabrication and construction of standard electronic or mechanical components and equipment. Assist in conducting tests and with the collection, compilation and analysis of test data. Requires associate degree, or equivalent, plus two to four years of effective experience in the design and fabrication of experimental equipment. Position may require travel on field assignments including assignments aboard ships at sea. U.S. citizenship required. STAFF GRADE 5.

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7517.

William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

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TASK FORCE

A Task Force on Adult Student Life and Learning has been appointed at the University. See the story on page 3.

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INTERCOM

April 12, 1990

Volume 19, Number 29

Information submitted for publication in *Intercom* is due by noon on the Thursday before publication.

Five faculty honored for outstanding achievement

Five University professors received 1990 Faculty Scholar Medals for Outstanding Achievement during the University Awards Convocation April 8 in Eisenhower Auditorium.

They are **Roland E. Fleischer**, professor of art history and Fellow, Institute for the Arts and Humanistic Studies, for the arts and humanities medal; **John W. Kreider**, professor of pathology and microbiology and immunology, Milton S. Henshey Medical Center, and **Wesley C. Hymer**, professor of biochemistry, director, Center for Cell Research, and director, Penn State Space College Grant Program, for the life and health sciences medal; **Barbara J. Garrison**, professor of chemistry and head of the Department of Chemistry, for the physical sciences and engineering medal, and **T.D. Borkovec**, professor of

psychology, for the social and behavioral sciences medal.

Established in 1980, the Penn State award recognizes scholarly or creative excellence represented by a single contribution or a series of contributions around a coherent theme. A committee of faculty peers reviews nominations and selects candidates. The recipients are approved by President Jordan.

The faculty members will receive engraved medals and \$1,000 checks.

Drs. Kreider and Hymer will share the prize for the life and health sciences.

Dr. Fleischer's long-term interest and research in the tradition of Northern European Baroque painting in the Netherlands and manifestations of that tradition in colonial America recently culminated in the publication of three

important works in the area. The singular insights he brings to his work as a result of his dual specialization make these publications important for scholars of both Dutch and colonial American art.

Dr. Fleischer is the author of numerous books, exhibition catalogs and papers including *Ludolf de Jongh: Painter of Retardation*, which disentangles de Jongh from his contemporaries; *Gisbertus Hevelius: Two Painters to the Middle Colonies*, which is now the standard work on the famous Swedish-American painter, and *Emblems and Colonial American Painting*, the first study ever devoted to the influence of emblematic literature on the painting of colonial America.

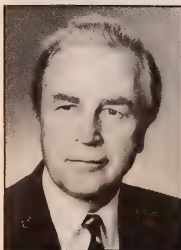
Dr. Kreider, a member of the College of Medicine faculty since 1968, is internationally recognized for his

contributions to cancer research, especially for his discovery of the only system currently available for the experimental propagation of cancer-associated papillomaviruses.

Dr. Kreider developed a method to infect normal human tissues with papillomavirus, using the renal capsule of "nude" mice. This method is now widely accepted and is considered a breakthrough that should permit improved understanding of the carcinogenic process and ultimately may lead to better therapy.

Dr. Hymer's investigation of the way pituitary cells secrete hormones has put him at the forefront of research on the hormone prolactin, which plays a role in breast cancer, and growth hormone, which regulates growth and metabolism. His early

(Continued on page 3)



Roland E. Fleischer



John W. Kreider



Wesley C. Hymer



Barbara J. Garrison



T.D. Borkovec

Convocation participation urged

Executive Vice President and Provost William C. Richardson urges all University faculty members to participate in the Academic Convocation to be held Saturday, April 28.

Faculty members should bring their academic regalia to the rotunda of Old Main by 9 a.m. that day. They will robe and then proceed to Schwab Auditorium, where the convocation will begin at 10 a.m.

The convocation will celebrate the success of The Campaign for Penn State, the University's six-year, \$300-million

private fund-raising drive. The Campaign, which concludes June 30, had secured more than \$338 million in gifts and pledges as of March 31.

The convocation, which will last about an hour, will include remarks by President Jordan, Dr. Richardson, Campaign Chairman William A. Schreyer and faculty and student representatives.

Faculty members who have questions about the convocation should phone Karen Rugh, director of university relations, at 865-0248.

At Penn State Ogonitz

Campus executive officer named

Anthony Fusaro, assistant provost at Northern Illinois University, has been named campus executive officer at the Penn State Ogonitz Campus, effective July 1.

"We are pleased to welcome Dr. Fusaro to the Penn State system," President Jordan said. "His leadership and experience in academic administration will be valuable assets to the University and to Ogonitz Campus."

Dr. Fusaro's responsibilities at Northern Illinois include the administration of the academic budget, management of academic

space, supervision of the director of the University's Oregon campus and of the director of media services.

His degrees are a B.A. in political science and economics and an M.A. in American government and public administration, both from University of Rhode Island, and a Ph.D. in comparative politics and American government from Penn State.

In 1962, he was an instructor at Penn State and, from 1964 to 1966, he was an assistant professor of political science at Ogonitz and University Park.

(Continued on page 3)

President Jordan addresses House Education Committee

Higher education, and society, are facing critical issues that need to be addressed to move the United States competitively into the next millennium, President Jordan told the state House Education Committee April 6.

Dr. Jordan told the legislators, meeting at the Nittany Lion Inn, that a serious shortage of individuals with doctoral degrees and an urgent need for higher education could cripple efforts to move the state and national economy forward.

"At a time when fundamental changes are rapidly occurring around the globe, this country is facing a number of problems that jeopardize its historic leadership role," he said. "If we cannot provide facilities to educate the leaders of tomorrow, and if we cannot meet the need for people with

advanced degrees, the competitiveness of the United States will suffer.

"In the sciences and engineering, an annual shortage of 7,500 Ph.D.s is expected to occur in the first years of the next century across higher education, industry and government. And in the humanities and social sciences, it is predicted that there will be only seven candidates to fill every 10 faculty positions in the period from 1997-2002."

Dr. Jordan indicated the forecast of Ph.D. shortages is attributed to an unusually large wave of faculty retirements during the 1990s coupled with a surge in the traditional college age population in the years just before 2000.

"There also has been a significant decline in the number of United States citizens

earning Ph.D.s in the past decade," he said.

Dr. Jordan noted that with inadequate numbers of Ph.D.s in the available pool, competition for those individuals will drive faculty salaries upward.

Another "time bomb" facing higher education throughout Pennsylvania is a need for funding of capital projects. "Institutions throughout the state are facing difficulties," Dr. Jordan said, "and in Penn State's case alone we have had nearly \$300 million in capital projects approved by the Commonwealth, for which funds have not yet been released, and another \$177 million in capital projects requested in 1990-91."

"We cannot move forward to meet even the most critical of our capital needs without those dollars," He urged the

legislators to establish a task force, either within its own ranks or through the higher education community, to look at this problem statewide.

"We would estimate that the capital needs for higher education in Pennsylvania to be a minimum of \$1 billion. And that does not begin to address the question of deferred maintenance which presents a challenge of its own."

Dr. Jordan also told the legislators that Penn State, like many other institutions in Pennsylvania, has kept a tenuous hold on quality because the state has not supported higher education with the level of enthusiasm of most other states.

"From 1976 to 1986 - the most recent 10-year period for which data are available

(Continued on page 3)

Focus on Diversity

Conference dealing with women in business scheduled

At a time when women have more opportunities than ever for starting their own businesses, they often encounter many problems, including trouble getting loans because of lenders' biases and difficulty in overcoming gender stereotypes and dealing with "old boy" networks.

A University conference being planned for April 19 is designed to help women overcome these and other problems as they develop their own businesses.

The conference, titled "Women Business Owners and Professionals" will be held at the Keller Conference Center, University Park, and will feature a number of nationally known businesswomen.

Included among the speakers are Maggie Rinaldi, director of the National Chamber of Commerce for Women, who will discuss various sources of financing to develop a business, and Laura Sachs, president of her own consulting company and author of the book *Do-It-Yourself Marketing for the Professional Practitioner*.

A clinical psychologist will speak to the group on how women business-owners can overcome the fear of risk-taking and other external and internal barriers.

Other speakers will focus on the legal issues women face in operating a company, in addition to accounting topics, financial issues such as insurance and investments and advertising techniques.

Speakers from State College area businesses participating in the program include Mary Ann Miller, vice president of budgeting and planning for Uni-Marts Inc.; Melinda Harr Curley, associate with the Pennsylvania Financial Group; Kathy A. Davidson, vice president, National Retirement Plan Services; Kitty Patterson, owner of Graphics and Design, and Marion Gindes, clinical psychologist and consultant.

For information regarding conference registration, contact Kathy Karchner, 410 Keller Conference Center, University Park, phone 865-8820.



Local businesswomen, from left, Kitty Patterson, owner, Graphics & Design; Melinda Harr Curley, associate, Pennsylvania Financial Group; and Kathy A. Davidson, vice president, National Retirement Plan Services, are planning a women's business conference.

Women of Color honor Martinez-Brawley and Freeland

Central Pennsylvania Women of Color Achievement Awards have been given to two members of the University community.

The 1990 Women of Color Professional Achievement Awards were presented to Emilia Martinez-Brawley, professor of social work, and Margaret A. Moore, superintendent of the State Correctional Institution at Smithfield in Huntingdon.

Raguel Gonzalez Freeland, coordinator of minority student services in the College of Education and an instructor in education,

received the Women of Color Humanitarian/Personal Achievement Award.

Dr. Martinez-Brawley is an international scholar, specializing in rural social welfare issues. She has published four books, 13 book chapters and more than 40 journal articles on her research.

A native of Argentina, she has been a Fulbright Senior Scholar to Israel and Australia, and received in 1988 the Ida Beam Distinguished Visiting Professor Award from the University of Iowa. She

was a recent recipient of a research award from Comite Conjunto Hispano-Norteamericano to work in Spain as a visiting fellow in the School of Economics and Social Studies in University of East Anglia, Norwich, England.

Her many accomplishments include membership on the University's Commission on Racial/Ethnic Diversity, the Black Studies Committee, the Women of Color and the Strategic Study Group on the Status of Women.

Ms. Freeland's many duties include

chairing the college's Committee on Equal Opportunity, organizing its efforts to retain minority and non-minority undergraduate and graduate students, and serving as a resource for students, parents and faculty.

A member of WOC's Representative Council, she also was active in the planning for last year's Kaleidescope festival and the recent Festival of Cultures. She also is a member of the Governor's Advisory Commission on Latino Affairs and the state Department of Education Bilingual Certification Task Force.

'Make a Joyful Noise' to air on WPSX-TV

The soul-stirring, hand-clapping jubilation of gospel music along with a mime group whose silent songs of praise are accompanied by well-known artists will be featured on *Make a Joyful Noise*, airing at 9 p.m. Friday, April 13, on Channel 3.

The special will feature several well-known Western Pennsylvania ensembles and artists including Creative Expressions,

God's Special Edition, Barbara Lumberger and The Simon Sisters. Host Christopher Moore will be joined by Rev. Richard Allen Farmer, a noted musicologist who contributes informative commentary in addition to singing and playing songs that illustrate the development of gospel music and how it continues to evolve in the black church.

Diversity Calendar

Tuesday, April 17
Women's Studies, 8 p.m., McKeesport Campus. Lecture by Phyllis Mansfield on "Critical Issues in Women's Health."

Wednesday, April 18
Center for Women Studies, 8 p.m., HUB Assembly Room. Lecture, "Lesbian and Gay Studies: New Kid on the Block."

Thursday, April 19
Pennsylvania College of Technology, 7 p.m., Academic Center Auditorium. Joy Harjo, Native American poet.

Friday, April 20
Center for Women Studies, 3 to 5 p.m., Paul Robeson Cultural Center. Presentation "Healing the Disembodied World," by Starhawk, a peace activist.

The Campaign for Penn State

Walker gift endows faculty fellowship

Philip L. Walker Jr., Evan Pugh professor emeritus of materials science, and his wife, Virginia, have donated \$129,000 to the College of Earth and Mineral Sciences.

The State College couple designated \$100,000 to endow the Philip L. Walker Jr. Faculty Fellowship in Materials Science and Engineering. The fellowship will provide supplementary funds to further the teaching, research or public service programs of an outstanding faculty member.

The remainder of the gift will create a scholarship to benefit undergraduates in the Department of Materials Science and Engineering. Candidates for the award must have superior academic records.

Philip Walker retired from his full-time duties at Penn State in 1983 after having served on the faculty for 33 years. During that time, he held many administrative positions, including first head of the Department of Materials Science and Engineering, first chairman of the polymer

science section and chairman of the fuel science program.

He was named Evan Pugh Professor -- the highest recognition the University can bestow on its faculty -- in 1974.

The Walkers are members of the Mount Nittany Society, which recognizes the highest level of individual support to the University. Their gift is part of the Campaign for Penn State, a six-year effort to raise \$300 million in private support for academic programs.

Business Administration gets new computer laboratory

The accounting firm of KPMG Peat Marwick has joined with Apple Computer Inc. to provide the College of Business Administration with a new computer laboratory valued at \$250,000. "Penn State has an exceptional business school and an exceptional accounting department," said Bernard J. Milano, partner in charge of recruiting and personnel administration at KPMG Peat Marwick's executive offices in Montvale, N.J. "The program has been one of our largest sources of recruiting over the past 12 to 15 years."

Penn State's accounting and MIS faculty

is very strong, and the school is unique in its ability to balance the importance of teaching and research, he said.

"The department provides a special blend of accounting and management information systems. A computer laboratory of the power of this one will enhance that combination," he said. Charles H. Smith, chairman of the Department of Accounting and Management Information Systems, said, "This laboratory will fill a very real need in the research programs of those faculty members who do behavioral studies in the various dimensions of business."

"Individuals in marketing, management information systems and organizational behavior will find this facility particularly beneficial," he added, noting that faculty research helps assure that Penn State students benefit from the most up-to-date information and curricula.

The new computer laboratory, which will be available for both students and faculty members, was dedicated in ceremonies on March 27. The facility, which will be located in Room 11 of the Business Administration Building at University Park, will contain 30 Macintosh

2/40 computers, one Macintosh SE 30 and one Macintosh IIfx; two Apple Laserwriter laser printers; three Apple Imagerwriter dot-matrix printers, modems, and a file-server with tape backup. All the equipment will be networked through a Hayes Interbridge. Along with the hardware, Peat Marwick and Apple are providing these software packages: PageMaker (desktop publishing), Excel (spread-sheet), Microsoft Word (wordprocessing), Superpaint (graphics) and Claris Filemaker II (database). Auditing software developed by Peat Marwick also is included.

Australia-New Zealand center plays key research role

The University's Australia-New Zealand Studies Center is a leading source of research information in the United States.

Henry S. Albinski, center director and professor of political science, notes, "The center has played a catalytic role in educating U.S. policymakers about the substantial security and economic significance of Australia and New Zealand in their own right in their wider Pacific context."

"At the same time we have greatly enhanced the visibility of Penn State within U.S., Australian and New Zealand government circles, as well, of course, throughout academic and other communities."

For example, he and associate director **Robert A. Brand** credit the center with helping to dissuade the Reagan administration from adopting economic sanctions against New Zealand after it declared itself "nuclear-free" and denied U.S. Navy ships access to its ports.

"To some degree, we, at the same time,

have convinced certain parties in Australia and New Zealand to be less suspicious of the United States," Mr. Brand said.

"Our main goal is to initiate ideas that foster a better understanding of Australia and New Zealand. Our activities include sponsoring expert visits and conferences, facilitating research and sponsoring cultural events," Dr. Albinski said.

The center, as part of the University's Intercollegiate Research Programs, draws upon faculty from all the academic colleges.

In addition, Penn State houses the finest collection of Australian and New Zealand materials of any American university. Its holdings include a substantial collection of Australian art and documentary films, and special strength in literature and exploration. The University's extensive library on these countries is a valuable resource always available to the international community of scholars.

The center has established memorandums of understanding with Australian and New Zealand universities and has formed

working relationships with government bodies such as the Australian and New Zealand embassies, consulates and bilateral associations.

Other activities include setting up study-abroad programs for Penn State undergraduate students at the Australian National University and the University of Melbourne; promoting the formal teaching of Australian and New Zealand subject matter at Penn State; attracting Australian and New Zealand academics to teach and conduct research at Penn State; and assisting graduate student research.

The center also has organized eight major conferences, which have attracted academics, government officials and business representatives.

"Our conferences result in publications of measurable research value which influence policy-makers and other specialists both in the United States and in Australia and New Zealand," Dr. Albinski said.

The span of Australian-New Zealand cultural events includes Australian film

festivals, plays, readings by Australian poets, concert performances by Australian musicians, and exhibitions of indigenous and conventional art forms.

"As a regional Pacific Rim power, Australia in particular is growing in importance on international economic, as well as domestic, issues," Mr. Brand added. "Thus, we can't afford to have second-hand information about that area."

Dr. Albinski feels that the roles played by Australia and, to a lesser degree, New Zealand, will continue to be salient to U.S. interests, despite the fundamental dispute with New Zealand over its decision to be nuclear free. Australia and New Zealand know the South Pacific especially well, and are known and disproportionately influential there."

The Australia Studies Center was established in 1982 and was redesignated the Australia-New Zealand Studies Center five years later.

Dr. Jordan

(Continued from page 1)

-- the Commonwealth's rank among the 50 states for appropriations per full-time-equivalent student dropped from 23rd to 47th," he said.

"A report on factors affecting college tuition published just a few weeks ago by the American Association of State Colleges and Universities calls attention to the fact that students across the nation are paying an increasing share of their college costs because other sources of revenue have failed to keep up."

Dr. Jordan urged the legislators to provide flexibility on the tuition end of the state's proposed appropriation plan.

The Commonwealth's Tuition Challenge Grant Program proposed for next year would impose a flat \$100 increase in tuition -- an increase of only 2.6 percent in Penn State tuition. Coupled with a proposed basic appropriations increase of only 2.8

percent, the University would be left with a serious shortfall to meet its budget requirements.

Dr. Jordan also cited the need to make the Tuition Challenge Grant Program funds a permanent part of the base appropriation for participating universities to avoid the possibility of artificially high tuition increases, should the program be discontinued in the future.

The House Education Committee met at University Park as part of a series of six meetings being held across the state on Gov. Robert P. Casey's proposed 1990-91 education budget.

Scholar Medals

(Continued from page 1)

seminal papers demonstrated that granules within the pituitary gland contained pituitary hormones, opening the door for future research into the mechanisms by

which protein hormones are stored and released.

His pioneering work in the development of cell separation methodologies has led to an appreciation and understanding of the biologically significant differences in activity of hormones released from cell subpopulations of the same gland.

Dr. Garrison, who joined the faculty in 1979, has pioneered in developing mathematical models describing microscopic mechanisms of the chemical reactions that occur at solid surfaces. She has emphasized quantitative calculations that can be compared with experimental data, validating her predicted mechanisms.

Her recent work has focused on a detailed description of the growth of semiconductor thin films by molecular beam epitaxy, an important process in the semiconductor industry. This research models, for the first time, the details of true chemical reactions at surfaces.

Dr. Borkovec's research focuses on the causal components and treatment of anxiety disorders. He is one of the leading clinical researchers in the study of worry as a component of anxiety and has developed methods to aid in the alleviation of worry.

His unusual breakthrough in what had been an intractable problem for clinicians and researchers would appear to have considerable long-term applicability to the treatment of general anxiety disorders.

Ogontz CEO

(Continued from page 1)

In 1960, Dr. Fusaro joined the Department of Political Science at Northern Illinois University. He later served as assistant chair of the department from 1969 to 1978 and acting chair from 1971 to 1972. In 1978, he was appointed assistant provost.

Dr. Fusaro has published many articles on Australian governmental affairs, and has spoken on professional and career placement for undergraduate students.

Dr. Fusaro will succeed Robert A. Bernoff, who is returning to his faculty position as professor of science and general chemistry at the Ogontz Campus after serving 11 years as campus executive officer.

Judge will present Shoemaker talk

U.S. District Judge Stanley Sporkin will be the keynote speaker for the Fourth Annual G. Albert Shoemaker Program in Business Ethics at University Park, Monday, April 16.

Judge Sporkin's speech, titled "Just Do the Right Thing," is open to the public and will be delivered in the Keller Building Auditorium at 7:30 p.m.

Judge Sporkin, appointed to the federal bench in 1986 by former President Ronald Reagan, currently is hearing the Charles H. Keating Jr. Lincoln Savings and Loan case in Washington, D.C.

He formerly held the post of general counsel to the Central Intelligence Agency under the late William J. Casey and was head of the Securities and Exchange

Commission's enforcement division from 1974 to 1981.

The son of former Philadelphia Common Pleas Judge Maurice Sporkin, he is a 1953 Phi Beta Kappa graduate of Penn State with a degree in commerce. He earned his law degree from Yale University in 1957 and is a certified public accountant.

The Shoemaker Program in Business Ethics was created in 1986 through a \$100,000 gift from G. Albert and Mercedes Shoemaker of Pittsburgh.

G. Albert Shoemaker is the retired president of the Consolidation Coal Co. and president emeritus of the Penn State Board of Trustees. A 1923 graduate of the University, he served with the Board for 21 years and was named a Distinguished Alumnus of Penn State in 1965.

published a collection of his writings, *A Taste of the Country*, edited by Peter A. Morrison. Drawing upon his studies since the 1950s, Mr. Beale writes about places many Americans have neither seen nor know exist: the Mississippi Delta, the Ozark, Ouachita uplands, Appalachia, and the Corn, Cotton, Tobacco, and Peanut Belts of the nation.

The annual M.E. John Lecture is in honor of Macklin E. John (1906-1983), who was head of the Department of Agricultural Economics and Rural Sociology for 23 years beginning in 1946.

For more information about the M.E. John Lecture Series or the 1990 lecture, contact Donald M. Cridler, professor of rural sociology, at (814) 865-0455.

Nutrition videoconference scheduled

Penn State Cooperative Extension, the Department of Food Science in the College of Agriculture and the Department of Nutrition in the College of Health and Human Development are presenting the Videoconference "Eating for Health: Implementing Dietary Guidelines."

Originating from Iowa State University, the videoconference will be held at University Park and four other campuses from 11 a.m. to 5:30 p.m. Thursday, April 19.

The topics to be covered include: "Incorporating Dietary Guidelines into Public Policy" by Linda Meyers, Office of Disease Prevention and Health Promotion, Washington, D.C.; "Transforming Dietary Guidelines into Marketplace Realities" by

Jayne Hurley, Center for Science in the Public Interest, Washington, D.C.; "Changing Animals and Animal Products to Meet Dietary Guidelines" by Donald C. Beitz, Charles F. Curtis distinguished professor, Iowa State University; and "Making Food Selections that Follow Dietary Guidelines" by Dale Terry and Mary Jane Oakland, Department of Food and Nutrition, Iowa State.

To register, call: Audrey Maretzki, University Park, (814) 865-5444; Eileen Smith, York Campus, (717) 757-9637; Margaret Malehorn, Penn State Harrisburg, (717) 249-7220; Marcia Woodward, Ogontz Campus, (215) 489-4315; or Robin Murray, Hazleton Campus, (717) 825-1701.

USDA demographer to give annual lecture

The 1990 M.E. John Lecture, sponsored by the Department of Agricultural Economics and Rural Sociology, will be held at 3:30 p.m. Thursday, April 19, at the Nittany Lion Inn at University Park.

The speaker, Calvin Beale, is a senior demographer in the Economic Research Service of the U.S. Department of Agriculture. Before joining the USDA in 1953, Mr. Beale was on the staff of the Bureau of the Census. His research has focused on the farm and rural population, rural-urban migration, ethnic minorities, and regional studies.

A native of the District of Columbia, Mr. Beale received his education at Wilson Teachers College and the University of Wisconsin.

The Penn State Press, recently has

Professor will discuss 'Debbie Letter'

Michael J. Hyde, professor of communication studies at Northwestern University, will discuss "Rhetoric, Medicine and Euthanasia: A Case Study in the Workings of Postmodern Discourse" at 4 p.m. Tuesday, April 17, in 111 Chambers at University Park.

His visit, part of the Speech Communication Colloquium, is sponsored by the Department of Speech Communication and the Institute for the Arts and Humanistic Studies.

Using the "Debbie Letter" as a case study, Dr. Hyde will trace the development of the rhetoric of euthanasia from Plato and

the ancient Greeks to the postmodern, pluralistic world.

The "Debbie Letter" is an anonymous letter from a hospital resident published in the Jan. 8, 1988, issue of the *Journal of the American Medical Association*.

In the letter, the resident describes how he administered a fatal injection of morphine sulfate to a 20-year-old patient dying of ovarian cancer. Publication of this letter caused a national furor within the medical community and has raised several important issues for students of medical ethics, rhetoric and social theory.

Focus on the arts

Art contest exhibit

"Art contest, Pennsylvania Department of Correction" is on display in the Browning Gallery of the HUB Galleries at University Park until April 27. The exhibit consists of the winners of the Pennsylvania Department of Corrections calendar art contest for 1990.

The Pennsylvania State Correctional System has produced wall calendars since 1970, as a way of getting useful and educational information to the public via a functional publication. This year, the selections comprising the calendar and this exhibit were chosen by a panel of three judges.

The arts on Channel 3

World-renowned soprano Dame Kiri Te Kanawa joins the Mormon Tabernacle Choir and the Utah Symphony conducted by Julius Rudel for a unique Easter special of classical and popular favorites that will air at 10 p.m. Good Friday, April 13, on WPSX-TV.

The gifted international soprano alternates with and joins the choir in a program of sacred, operatic and musical theater selections with emphasis on the inspirational and spiritual.

Mezzo-soprano Frederica von Stade will star in "Flicka and Friends: From Rossini to Show Boat with Frederica von Stade, Jerry Hadley and Samuel Ramey," on the *Live from Lincoln Center* presentation at 8 p.m. Wednesday, April 18.

Miss von Stade, tenor Hadley and bass Ramey have each made their marks on the great opera stages of the world and share an interest in American musical theater. The first part of the program will feature them in a concert of arias and ensembles from the repertory of great French and Italian opera. The evening will continue with selections from Show Boat, the classic American musical with music by Jerome Kern and book and lyrics by Oscar Hammerstein II. The telecast will be hosted by Hugh Downs.

Chambers Gallery

Paintings and ceramics by students in the School of Visual Arts will be on display Monday, April 16 through Thursday, May 3, in Chambers Gallery at University Park.

Paintings in the exhibition represent a cross-section of works completed by bachelor of fine arts painting majors during the spring 1990 semester. Ceramics in the exhibition include both functional and sculptural works with a variety of glazing and firing techniques.

Chambers Gallery is located on the second floor of Chambers Building. The gallery is open 8 a.m. to 5 p.m. Monday through Friday.

Piano recital

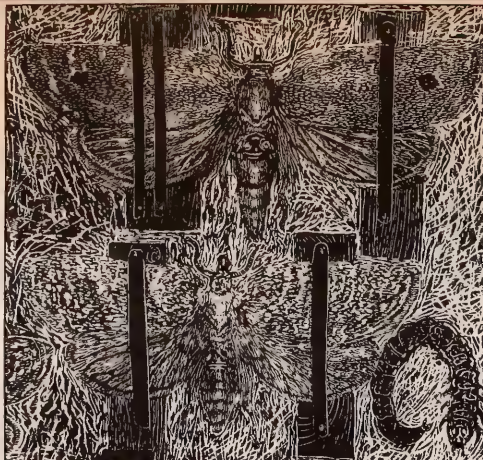
Pianist Timothy Shafer, faculty member in the School of Music, will present a solo piano recital at 8 p.m. Monday, April 16, at the Recital Hall in the Music Building at University Park.

The program will include works for piano by Franz Joseph Haydn, Johann Sebastian Bach and Franz Liszt. The featured work, Liszt's "Tarantella," is a virtuosic tour de force in the literature and represents some of Liszt's finest idiomatic writing for the piano.

Jazz performer

Claude Bolling, who redefined crossover classical music with his 1976 release of "Suite for Flute and Jazz Piano," will perform in Eisenhower Auditorium at University Park at 8 p.m. Tuesday, April 17. The concert, presented by the Center for the Performing Arts, will highlight Mr. Bolling's own brand of jazz and his skill as a jazz performer.

The concert will feature special guests



'An Apple Budmoth and a Codling Moth' by Chris Jung is on display April 18 to 29 in Zoller Gallery in the Visual Arts Building.

Eric Franceries on guitar, Pamela Sklar on flute, Pierre Yves Sorin on bass and Vincent Cordelette on drums.

Immediately before the concert, there will be a free lecture at 7 p.m. in the Greenroom of Eisenhower Auditorium.

HUB exhibit

"The Central Pennsylvania Guild of Craftsmen Annual Member Exhibit" is on display in the Art Alley of the HUB Galleries until April 28.

The Central Pennsylvania Guild of Craftsmen aims to promote and encourage quality crafts in the community and to help members strive for excellence in workmanship and design. Membership is open to all who enjoy the beauty of hand-crafted work and includes professionals, novices, hobbyists, and patrons of the arts.

For more information about the C.P.C.C., contact Helen Neuhard, president, at 237-1174, or Anne-Lise Deering, the chapter representative, at 238-4110.

For additional information concerning the exhibit, including purchase procedures, contact the HUB Galleries and Craft Centre, 312 HUB, at 863-0611.

Ensemble concert

Smith Toulson, faculty member in the School of Music, will conduct the Penn State Symphonic Wind Ensemble in its final concert of the year at 8 p.m. Wednesday, April 18, in the Recital Hall of the Music Building at University Park.

The program will feature trombonist Matt Neff, winner of this year's Phi Mu Alpha Wind and Percussion Contest, in a performance of *Rhapsody for Bass Trombone* by the Hungarian composer Frigyes Hidas.

In addition to the *Rhapsody*, the Symphonic Wind Ensemble will perform the *Overture to Cola Bruggnon* by Dmitri Kabalevsky, a *Suite* based on scenes from Shakespeare's *Hamlet* by Alfred Reed, a movement from the *West Point Symphony* by Morton Gould, and an arrangement of excerpts from the music of Sir Arthur Sullivan titled *Pinnacle Pail*.

Baroque scholars

Professors George and Linda Bauer, from the Department of Art History at the University of California at Irvine, will present lectures at 8 p.m. Tuesday, April 17, and Thursday, April 19, in 112 Walker Building at University Park.

The lectures are the fifth and sixth presentations in the series, "The World and

the Italian Architect: Native Images and Reflections Abroad," sponsored by the Department of Art History and the Institute for the Arts and Humanistic Studies. The series this year is dedicated to Professor Hellmut Hager.

An internationally known Baroque architecture scholar, George Bauer is a specialist on the Italian architect and sculptor Gian Lorenzo Bernini. His lecture on Tuesday, "Bernini in Paris," will examine Bernini's relationship with France during the reign of Louis XIV.

A Baroque painting specialist, Linda Bauer will lecture on Peter Paul Ruben's wealth of diverse works. Her lecture on Thursday, "Rubens' Oil Sketches for Architecture," will focus on a little known aspect of the Flemish Baroque painter's work, his architectural designs.

Odyssey on WPSU

On "The Mystery of Moral Indignation," in the "Odyssey Through Literature" series, host S. Leonard Rubinstein talks with J. Madison Davis, associate professor of English at the Penn State Erie, The Behrend College, about his two mystery novels. *The Master of Fine Schute*, says Professor Rubinstein, reveals a fascination with the extremes of cruelty, with evil inside of everyone.

Its historical context "excuses the reader from any responsibility." But *White Rock*, Dr. Davis's second novel, speaks of "a current frightening phenomenon," the Ku Klux Klan. "You are not now excusing us from responsibility," says Professor Rubinstein. "Is this some calculated plot on your part?"

"If I were to make it simple," says Dr. Davis about the moral content of his novels, "the idea would be that it's too easy to look the other way, that it's too easy in these circumstances to deceive yourself."

"Odyssey Through Literature" is produced by the Comparative Literature Department and airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Print exhibit

Prints by Chris Jung and Nobuko Kita, master of fine arts candidates in the School of Visual Arts, will be exhibited from Wednesday, April 18, through Sunday, April 29, in the Zoller Gallery of the Visual Arts Building at University Park.

Ms. Jung's prints explore the use of animal imagery in woodcuts, etchings, collagraphs and lithographs. Her images raise the issues of physiology and how

animals move in time, ecology and how all life is interrelated, and morality and how animals are used by people.

Ms. Kita's woodcuts and lithographs focus on the visualization of unseen subjects, such as noise, insect sounds, wind and human emotion. A new series of prints inspired by the cityscapes of New York also will be included.

The exhibition is free to the public.

Solid Brass

Solid Brass will perform in concert at 12:10 p.m. Thursday, April 19, in Eisenhower Chapel at University Park. The 20-minute concert is part of the Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The program will include compositions by Jack End and J.S. Bach, an arrangement of a spiritual and selections from Bernstein's "West Side Story."

Museum lecture

Kay Wagenknecht-Harte will discuss the placement of site-specific sculpture in the environment from 12:10 to 12:50 p.m. Thursday, April 19, at the Palmer Museum of Art at University Park.

Her talk will complement the museum's current exhibition, "Transforming the American Garden," on display through May 13.

A registered landscape architect in Pennsylvania and Texas, Ms. Wagenknecht-Harte will discuss the creation of perceptual experiences illuminated in her recently published book, *Site & Sculpture: The Collaborative Design Process*.

The "Transforming the American Garden" exhibition was organized by the Harvard Graduate School of Design and made possible in part with funds from the George Gund Foundation.

Night of opera

Nearly 300 University students will present a night of opera at 8 p.m. Friday, April 20, in Eisenhower Auditorium at University Park.

The program will include portions of classical, realistic and romantic operas performed by ensemble groups from the School of Music and the Contemporary Dance Company.

This is the first time that the music and dance programs have collaborated on a production. Music groups performing include the Penn State Philharmonic, the Concert Choir and Chamber Singers, the University Choir and the Opera Workshop.

The first half of the two-hour program will be Henry Purcell's "Dido and Aeneas." The Contemporary Dance Company members will recreate three court dances for the opera, which is entirely choreographed by the faculty in the dance program.

After the intermission, the choir and orchestra will perform selections from two operas. They will perform the Easter scene from "Cavalleria Rusticana" by Pietro Mascagni and the "Polovetzian Dances" and chorus from "Prince Igor" by Alexander Borodin. Members of the Contemporary Dance Company will perform the "Polovetzian Dances."

Performance set

"Implement," a pyrotechnic performance by Minnesota artist David Hall, will be presented at 9 p.m. Friday, April 20, in the Visual Arts Building area at University Park.

The premier performance of "Implement" will focus on the connection between land, farm tools and machinery, complementing Penn State, which is a land grant university offering agricultural education.

Mr. Hall has built several farm tools, such as plows and windmills, that will be manipulated in "Implement" and act as holders for Class C sparklers and spinners

(Continued on page 7)

University Park Calendar

April 12— April 22 Special Events

Thursday, April 12
Bach's Lunch, 12:10 p.m., Eisenhower Chapel.
Voice Students of Suzanne Roy: Lenten Music.
Women's Studies faculty/advisory committee meeting, 1:30-3:30 p.m., 12 Sparks.
Ethics in America, videotape presentation/discussion, 3 p.m., Eisenhower Chapel. "Ethics in Journalism, Privacy: Politics, Privacy and the Press."

Friday, April 13
Geop. Coffee Hour, 4 p.m., 319 Walker, Joel Carreau, *The Washington Post*, on "Edge Cities and American Values."
Bicentennial of the French Revolution, UTRC, 8 p.m., Pavilion Theatre. Peter Weiss, *Marat/Sade*, through April 20.

Saturday, April 14
AAUW, used book sale, 3-9 p.m., HUB Ballroom. Also April 15-18, 9 a.m.-9 p.m., HUB Ballroom.
Center for the Performing Arts, 8 p.m., Eisenhower Aud. Ballet du Nord.

Sunday, April 15
Carnegie Hall Film Series, 6:45 p.m., *The Searchers* (1956); 9 p.m., *This Is Our Home, It Is Not Far* (1987), 4 Carnegie. Free.

Monday, April 16
Comp. Lit. Luncheon, 12:15 p.m., 101 Kern. Jürgen Kamm, Universität Wuppertal, West Germany, on "Versions of Moby Dick as German Children's Classics."
School of Music, 8 p.m., Recital Hall. Timothy Slater, piano.
German Dept., film, 8 p.m., 101 Chambers. *Der König und sein Narr* (1981).

Tuesday, April 17
School of Visual Arts, noon, Palmer Museum of Art. Visiting Artist Program: a student response.
Institute for the Study of Adult Literacy, brown bag lunch, 12:15-1 p.m., 254 Chambers. Sheila Sherow, director, on "Pa. Literacy Corps."
Shaver's Creek, 6-9 p.m., Mini Natural History Course: Birds of Prey. Call 863-2000.
Center for the Performing Arts, 8 p.m., Eisenhower Aud. "An Evening With Claude Bolling."

Wednesday, April 18
UTRC, 5 p.m., 119 Arts. New Play Workshop #6, through April 20.
School of Music, 8 p.m., Recital Hall. Penn State Symphonic Wind Ensemble.
School of Visual Arts, 8 p.m., Zoller Gallery. David Hall, "Tirewells."

Contemporary Scholarship on Lesbian and Gay Lives Speaker Series, 8 p.m., HUB Assembly Room. John D'Emilio, Univ. of N.C., on "Lesbian and Gay Studies: New Kid on the Block."

Thursday, April 19
Bach's Lunch, 12:10 p.m., Eisenhower Chapel. Brass Quintet: Solid Brass.
Brown Bag Lunch/Lecture, 12:10-12:50 p.m., Palmer Museum of Art. Kay Wagenknecht-Harte on "Site & Sculpture: The Collaborative Design Process."
Art History, 8 p.m., 112 Walker. Linda Bauer, Univ. of Calif., on "Rubens' Oil Sketches for Architecture."

Friday, April 20
Eco-Action, Earth Day lecture, 3-5 p.m., Paul Robeson Cultural Center. Starhawk, author/eco-feminist/peace activist, on "Healing the Disembodied World."
Shaver's Creek, 7 p.m., Adventure Series: *Wonders* (Grades 2-4). Call 863-2000. Also April 21 at 11 a.m.
"Ice Rhythms", 7:30 p.m., Ice Pavilion. Also, April 21, 7:30 p.m.
School of Music, 8 p.m., Eisenhower Aud. Philharmonic Orchestra, Concert Hour.
University Choir and Opera Workshop.
School of Visual Arts, 9 p.m., outside Visual Arts Bldg. David Hall, pyrotechnic performance artist, on "Implement."

Saturday, April 21
Blue-White football game.
ARIS, "Movin' On," noon-10 p.m., HUB Lawn.
School of Visual Arts, 7 & 8:30 p.m., Keller Conference Center Aud. Graphic Design Film Festival.



A drawing for the equestrian statue of Louis XIV will be discussed by George Bauer at 8 p.m. April 17 in 112 Walker Building.

School of Music, 7:30 p.m., Schwab Aud. Penn State Glee Club.
Sunday, April 22
Earth Day, 9 a.m. Barash Regatta, 10 a.m.-5 p.m., Bald Eagle State Park.
Shaver's Creek, 1-5 p.m., Learning to Identify Wild Mushrooms. Call 863-2000.
Group Discussion, 2:30 p.m., Palmer Museum of Art. Robert G. Preston, landscape architect, on "Careers in the Visual Arts."
Carnegie Hall Film Series, 6:45 p.m., *Buffalo Bill and the Indians, or Sitting Bull's History Lesson* (1976), 9 p.m., *The Thin Blue Line* (1987), 4 Carnegie. Free.

International Events

Wednesday, April 18
Brown bag meeting, noon-1 p.m., 222 Boucke. Showing of student-made video on San German, Puerto Rico, education abroad program available Spring 1991.
Education Abroad Programs
The following programs for Spring 1991 are available until Oct. 1: Athens, Exeter, Kiel, Manchester, Nice, Rome, San German, Tel Aviv.

Public Radio

WPSU-FM 91.1
"All Things Considered," Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m.
"Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubinstein.
"Perspectives," 6:30 p.m. Wednesdays, with Jeff Ballou. "Creative License," 12:30 p.m. Thursdays, with Asa Berlin and Pam Sautner.

Conferences

Continuing Education
Keller Building
April 18-20. Computational Fluid Mechanics and Heat Transfer. Frank Schmidt, professor of mechanical engineering, chair; Barb Impellitteri, coordinator.

April 18-20. Computer Modeling of Subidence with SPASID. Eric Albert, assistant professor of mining engineering, chair; Eric Loop, coordinator.
April 19. Women Business Owners and Professionals. Shirley Hendrick, director of continuing education, College of Business Administration, and assistant professor of business administration, chair; Kathy Karchner, coordinator.
April 20-21. Statewide Future Planning. Robert Nicely, assistant dean of continuing education and community relations, College of Education, and professor of education, chair; Chuck Herd, coordinator.
April 21-23. Pharmacy/Football Spring Weekend. Jern Milson, coordinator.

Seminars

Thursday, April 12
Polymer Science, 9 a.m., 301 Steidle. S.J. Huang, Univ. of Connecticut, on "Biodegradable Polymers."
Physics Colloquium, 3:30 p.m., 101 Osmond Lab. John Carley, Berkeley, Calif.
Ecology, 3:45 p.m., 111 Warkit. Oscar Rocha on "Non-Random Fertilization and Seed Abortion."
German Dept., 4 p.m., Frizzell Room, Eisenhower Chapel. Otto Ennsleben, East German writer, on "Post-Election Perspectives on East Germany and Re-Unification."
Mechanical Engineering, 4 p.m., 103 Mechanical Engineering. Hans Moravec, Carnegie Mellon Univ., on "After Life: Robots."

Bookshelf

Gideon S. Golany, research professor of urban design and planning, is the author of the recently published *Design and Thermal Performance: Below-Ground Duellings in China*. The fourth book on earth-sheltered habitats by Dr. Golany focuses on the pit-type and cliff-type of subterranean Chinese dwellings.
A product of the author's field studies in China from 1984 to 1985, *Design and*

Monday, April 16
Entomology, 3:45 p.m., 204 Patterson. Vera Kriskich, Univ. of Maryland, on "Generalized Plant Defense: Reciprocal Effects of Herbivores and Pathogens."
Tuesday, April 17
Gerontology Colloquia, noon-1 p.m., Living Center, Henderson. Deborah J. Walker on "Grandparental Investment among Mexican Americans from an Evolutionary Perspective."
Wednesday, April 18
Analytical Chemistry, 11:15 a.m., SS Osmond Lab. George Morrison, Cornell, on "Ton Microscopy in Biology and Medicine."
Accounting and MIS Research Colloquium, 3-5 p.m., 333 Beam. Robert B. Botrum, Univ. of Georgia, on "An Empirical Investigation of the Impact of Computer Support on Group Development."
Thursday, April 19
Polymer Science, 9 a.m., 301 Steidle. J.L. Hedrick, IBM, on "Synthesis of Imide-Aryl Ether Phenylquinoxaline Block Copolymers."
Chemistry Colloquium, 12:30 p.m., SS Osmond Lab. Christopher Walsh, Harvard Medical School, on "Molecular Studies on the Vitamin K-Dependent Post Translational Carboxylation of Protein Glutamate Residues."
Physics Colloquium, 3:30 p.m., SS Osmond Lab. Stuart Solin, NEC Research Institute, on "Novel Properties of Intercalated Layered Solids."
Ecology, 3:45 p.m., 111 Warkit. Joseph Balaban on "Responses of Two Microcosms to Copper Stress."

Exhibits

HUB Galleries
Formal Gallery
Bicentennial of the French Revolution, "The French Revolution as Portrayed in Collector's Postcards," through April 30.
Black Wings: The American Black in Aviation, through April 29.
Art Alley Panels and Cases:
The Central Pa. Guild of Craftsmen annual member exhibit, through April 27.
Browsing Gallery:
Pa. Department of Corrections, art contest, through April 27.
Kern Galleries
Selections from the Graduate Research Exhibition, through May 15.
The French Revolution, Collector's Postcards, through April 30.
Denise Arieu, Jewelry, through April 30.
Alice Ritti, Paintings and Drawings, through April 30.
College Research Exhibitions, College of Business Administration, through April 27.
Palmer Museum of Art
Roman Portraits, through April 22.
Figurative Drawings of the 17th and 18th Centuries from the Accademia Nazionale di San Luca in Rome, through April 22.
Transforming the American Garden, through May 13.
Patee Library
East Corridor Gallery:
Susan Harter, Endangered Imagination, through April 20.
West Lobby and Lending Services Gallery:
Works by art education graduate students, through April 23.
Raw Books Room:
Photography: A 150th Anniversary Exhibit, April 20-May 31.
Zoller Gallery
M.F.A. Thesis Exhibition, April 18-29.

TIPS

Information Penn State
Call 1-812-24, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather-234; Arts Line-345; University Calendar-456.

Thermal Performance is one of the most influential Western studies on Asian underground dwellings. The work provides support and guidance for the United States and Japan with their increasing interest in the use of earth-sheltered spaces.
Dr. Golany also discusses the cultural and social implications of these habitats by way of interviews with the residents, who gave their own perspectives on life in a subterranean environment.

Alumni Fellows will visit School of Communications

Annette Capone, vice president and editor-in-chief of *Rolltop*, Arthur M. Cooper editor-in-chief of *Gentlemen Quarterly* and Rod Nordland, Rome bureau chief for *Newsweek*, will visit the School of Communications as Alumni Fellows April 12 to 21.

The trio will participate in a journalism roundtable, "High Profile Magazines in the Age of High Definition TV," at 4 p.m. Wednesday, April 18, in 102 Forum Building at University Park.

The Alumni Fellow award, presented by the Penn State Alumni Association, is the most prestigious of the association's awards. It is administered in cooperation with the academic units. The Board of Trustees has designated the Alumni Fellow title as permanent and lifelong.

Ms. Capone, a native New Yorker and resident of Brooklyn, N.Y., received a bachelor's degree in journalism from Penn State in 1960. She began her magazine career with *Seventeen*, working as a writer and editor from 1972-76.

She was then associate articles editor for the *Ladies Home Journal* for two years and associate editor for three years of *Madam*. In 1983, she became editor-in-chief of *Rolltop*. She has written four self-help books for teen-agers, published by Scholastic, and numerous articles for women's magazines. She is on the board of directors of the School of Communications Alumni Society.



Annette Capone

Mr. Cooper of New York City received a bachelor's degree in advertising from Penn State in 1959. After service in the U.S. Navy, he joined the *Harrisburg Patriot* as a political reporter.

Later reporting and editing jobs took him to *Time*, *Newsweek*, *Parade*, and *Family Weekly* before he was named editor-in-chief of the men's fashion magazine *GQ* in 1983.

He was *Adweek's* 1986 Editor of the Year and a 1970-71 Professional Journalism Fellow at Stanford University. He is a member of the American Society of



Arthur M. Cooper

Newspaper Editors and the Communications Advisory Committee to The Campaign for Penn State.

Mr. Nordland, a native of Philadelphia, received a bachelor's degree in journalism from Penn State in 1972. A 1978 Pulitzer Prize co-winner for his coverage of the Three Mile Island crisis for *The Philadelphia Inquirer*, he has been deputy foreign editor and senior writer with *Newsweek* since 1986.

His cover story on international terrorism, "America is our Target," earned him a Citation of Excellence from the



Rod Nordland

Overseas Press Club and helped *Newsweek* win the George Polk Award for Foreign Reporting. He served as *Newsweek's* Beirut chief in 1985 and was a Nieman Fellow at Harvard University from 1988-89.

He is the author of *Names and Numbers: A Journalist's Guide to the Most Needed Information Sources and Contacts* (John Wiley & Sons, 1978) and editor of *The Watergate Files* (Flash Books, 1973).

CES Student Enhancement Fund aids campus life

When President Jordan arrived at Penn State in 1983, he traveled to the University's Commonwealth Campuses, meeting with students, administrators, faculty and staff.

A recurring theme was a desire by students to have available at their campuses more of the services and facilities offered at University Park. As a result of Dr. Jordan's meetings with these students, the Commonwealth Educational System Student Enhancement Fund was created in 1985. The goal of the fund was to enhance the quality of life for Commonwealth Campus students.

"Dr. Jordan recognized the need for improvement in student services at the Commonwealth Campuses and believed that more could be done to assist these students in academic and extracurricular areas," Richard E. Grubb, senior vice president and dean for the Commonwealth Educational System, said.

Traditionally, the more than 25,000 students at the Commonwealth Campuses have paid less tuition than University Park

students to partially compensate for the differences in environment and facilities.

With the establishment of the Enhancement Fund in July 1985, the tuition differential between University Park and the Commonwealth Campuses was reduced by \$50 during three consecutive budget years, with monies being allocated to the fund.

With the 1989-90 budget, \$2,123,850 has been allocated on a permanent basis to enhance the "collegiate" environment by improving co-curricular opportunities and activities; to improve academic and student support services designed to increase student retention and satisfaction; to assist in providing specialized services for special populations on a student needs basis, and to enrich the campus environment and encourage the involvement of students, thereby promoting academic achievement and development of student potential.

The Enhancement Fund is administered by the campus executive officers through their directors of student programs and services. In addition, each campus has

formed a committee to review funds and proposals. Dr. Grubb said.

In 1988-89, 47 percent of funds were used for academic-related services, such as extending library and learning center access, increasing staff and services of counseling/advising/learning centers, and assisting honors/cultural/orientation programs.

Sixteen percent of funds went for improvements in athletics and recreational activities, such as funding intramurals, buying equipment, extending gym hours; 28 percent of funds were spent on campus activities to enhance clubs, organizations, publications, and 10 percent of funds were devoted to health services, work study, equipment and facilities.

More than 40 positions were funded, in part, by the Enhancement Fund.

Carpooler

A vanpool is looking for one rider from Aaronsburg to University Park. Hours are a.m. to 5 p.m. Call 863-1393.

New radio service will make its debut

The Center Area Radio Educational Service (CARES), the area's first radio reading service, will debut from Penn State's WPSU-Radio and TCI Cable of Pennsylvania on Sunday, April 15.

"CARES news and entertainment programming is ideal for persons who are unable to read printed information because of physical or visual impairment," Milford R. Heddleson, professor emeritus of agronomy and vice president of the Sight Loss Support Group of Central Pennsylvania, said. "It also can be enjoyed by those who simply have little time for reading."

The service is a cooperative venture of the Sight Loss Support Group of Central Pennsylvania, WPSU-Radio, TCI Cable of Pennsylvania, and WPSX-TV.

Coordination of the various activities necessary to bring the service to the Centre Region was provided by Marlowe Froke, general manager of the University Division of Media and Learning Resources (WPSX-TV).

Initial CARES offerings will include programming from the In Touch Network, Inc. radio reading service of New York, N.Y.

In Touch will be fed via satellite to WPSX-TV on campus, which will relay the signal to WPSU-Radio, also on campus. In turn, WPSU will broadcast to home receivers on a subcarrier frequency and to TCI Cable of Pennsylvania for transmission over its Cable FM Service. The WPSU and TCI broadcasts will be identical.

TCI will broadcast the service on 105.5 FM. To receive CARES through TCI, listeners must have their cable properly connected to an FM radio. According to Mr. Froke, TCI Cable of Pennsylvania has offered to make the connections at no charge in qualified homes which already have TCI Cable Service.

In certain instances, TCI also may install cable at little or no charge to qualified homes with no cable service.

WPSU-Radio will broadcast CARES programs at 67 KHz, not over its regular channel at 91.1 FM. Listeners wishing to receive CARES in this manner must have special receivers which will be made available for sale or rent through the Sight Loss Support Group of Central Pennsylvania. For more information, please call the Group at (614) 238-0132.

News in Brief

Educational Office Personnel

The Penn State Chapter of Educational Office Personnel is sponsoring a Brown Bag Lunch at 12:10 p.m. Wednesday, April 18, in W343 Pattee Library-West Wing Staff Lounge-at University Park. Ellen Spinelli, placement officer for South Hills Business School, will present a program titled "Resume Writing."

The Penn State Chapter of Educational Office Personnel is a professional organization whose membership consists of staff, staff non-exempt, clerical and technical service employees. For information, please call Sharon Rolley, president, or Lois Summers, membership chair, at 863-2211.

Elder adults sought for study

Verneda P. Hamm, a post-doctoral fellow in the College of Health and Human Development, is seeking older adults for a study on reading

comprehension.

People between 60 and 85 years of age who enjoy reading are eligible. Participants will read short stories and answer one question about each story. A single one-hour session on campus is required.

Each participant will receive \$10 and parking permits will be issued to those who drive to campus. Interested persons should call Tina Meyers at 865-3253 and leave a name and phone number.

Graduate Research Exhibition

First prize winners in the 1990 Graduate Research Exhibition held March 23-24 at University Park are:

Deborah J. Walker, "Grandparental Investment Among Mexican Americans: An Evolutionary Perspective;" Yu Tong Morton and Qibao Zhou, "Incoherent Scatter Radar Probing of Ionosphere;" Young-Hoo Kwon, "3-Dimensional Analysis of Yurchenko Vaults

Performed by Elite Female Gymnasts During the 1988 Seoul Olympic Games;" Ursula M. Graham, "The Effects of Elemental Sulfur on the Kinetic Pathways of FeS₂ Formation at Low pH."

Education Abroad Programs

The Office of Education Abroad Programs will host an informal brown-bag meeting and showing of a student-made video about the San German, Puerto Rico, program from noon to 1 p.m. Wednesday, April 18, in 222 Boucke, University Park. The intensive Spanish program still has openings for Spring Semester 1991. Applications are being accepted until Oct. 1.

Office move

Materials Procurement's new office address is Materials Procurement, Barbara Building, University Park.

Partings

Forrest J. Remick, associate vice president for research and graduate studies and professor of nuclear engineering, has retired after 33 years of service.

He currently is a member of the U.S. Nuclear Regulatory Commission, appointed by President George Bush for a five-year term ending in 1994. In 1989 he was appointed chair of the NRC's Advisory Committee on Reactor Safeguards, on which he had served since 1982.

Since beginning his career at Penn State in 1956, Dr. Remick has held numerous research and administrative positions in the University.

He has served as acting director for Air Environmental Studies and as director for the Nuclear Reactor facility, the Curtis-Wright Nuclear Research Laboratory, the Institute for Science and Engineering, and the Intercollegiate Research Programs.

In addition, he has held many national positions in nuclear research, training and regulation including administrative judge with the NRC's Atomic Safety and Licensing Board, director of the NRC Office of Policy Evaluation and member of the National Nuclear Accrediting Board.

A Lock Haven native, Dr. Remick received his bachelor's, master's, and doctoral degrees in mechanical engineering from Penn State and is a graduate of the Oak Ridge School of Reactor Technology.



Forrest J. Remick

Evelyn M. Trimble, head cook of Dobbins Hall at Penn State Erie, The Behrend College, has retired after 23 years service. She began working in the cafeteria in 1967.

Mrs. Trimble, a widow, is a native of Erie and the mother of six boys, five of whom attended Penn State. One of her sons, Patrick Trimble, currently is an instructor there. She has 10 grandchildren and is eagerly awaiting the graduation of one of her grandsons, Matthew Trimble,

from Penn State-Behrend in May. Mrs. Trimble's retirement plans include traveling across the United States and possibly a cruise or two.

Linda Linnon, assistant professor at Fayette Campus, from Sept. 1, 1968, until Jan. 1.

Betty Wilcox, secretary at Penn State Harrisburg, from Sept. 1, 1969, until Jan. 3.

Aida J. Stahlman, nutrition advisor, Agriculture, from July 1, 1977, until Feb. 8.

Joyce L. Sellers, janitorial worker, Office of Physical Plant, from Sept. 1, 1976, until Feb. 8.

Vivian D. Beckenbaugh, nutrition advisor, Agriculture, from July 1, 1977, until March 1.

Robert E. Smeltzer, research technician, dairy science, Agriculture, from April 5, 1971, until March 24.

Glen R. Braucht, maintenance worker, utility, Office of Physical Plant, from July 2, 1979, until March 31.

Wayne D. Holler, maintenance mechanic utilities piping, Office of Physical Plant, from Dec. 18, 1972, until March 31.

Patricia A. Pontosi, senior clerk at Ogonz Campus, from Dec. 1, 1977, until March 31.

Ephraim L. Wilson, stock truck driver, Office of Physical Plant, from Sept. 17, 1972, until March 31.

Jane M. Cartwright, secretary B, Commonwealth Educational System, from

Aug. 26, 1974, until April 1.

Leland B. Eminhizer, electron microscopist analyst, Earth and Mineral Sciences, from Jan. 11, 1971, until April 1.

Patricia E. McMullen, secretary B, Health and Human Development, from Nov. 9, 1970, until April 1.

Kathryn I. Meyer, inventory control clerk, Commonwealth Educational System, from Dec. 1, 1971, until April 1.

Kazimierz J. Okoniewski, waste water treatment plant worker, Office of Physical Plant, from Oct. 14, 1979, until April 1.

Mary L. Longenecker, patient service aide at Hershey, from May 9, 1977, until Jan. 5.

Robert V. Hagerty, janitorial worker at Altoona Campus, from Sept. 5, 1978, until Feb. 1.

Carol A. McElroy, secretary B at New Kensington Campus, from Feb. 1, 1978, until Feb. 1.

Elmor R. Snow, PENNTAP information coordinator, Continuing Education, from July 1, 1972, until Feb. 6.

Lorna J. Davis, senior staff nurse at Hershey, from Oct. 10, 1977, until Feb. 10.

Lois M. Addelman, residence hall utility worker, Housing and Food Services, from Feb. 17, 1980, until March 1.

Beverly J. Seaward, janitorial worker, Office of Physical Plant, from March 5, 1979, until March 17.

Faculty/Staff Alerts

Tax deferred annuities

Regular, full-time faculty and staff members are reminded that one of many benefits available to them is the tax deferred annuity.

Section 403(b) of the Internal Revenue Code permits some employers such as colleges and universities, to make these programs available. Tax deferred annuities make it possible for employees to save part of their salary for future needs and, at the same time, defer federal income tax. Contributions must be in the form of payroll deductions.

At the present time approximately 2,900 full-time faculty and staff members participate in the program.

Tax deferred annuities for faculty and staff at Penn State are available through The Equitable Life Assurance Society, Teachers' Insurance and Annuity Association (TIAA) and the Variable Life Insurance Company (VALIC).

Additional information may be obtained from representatives of The Equitable, VALIC or the Employee Benefits Division, 865-1473; network 475-1473.

Health coverage

Faculty and staff members with children are reminded that dependent children are covered under the University's health insurance program until the age of 19, unless they are full-time students. Those who are full-time students continue to be covered until age 23.

Therefore, it may be desirable to seek other health insurance coverage in advance for dependent children approaching age 19 or 23, as applicable.

The University does offer the opportunity to continue the hospital/surgical/major medical plan or Healthpass when a dependent child reaches age 23 or is no longer a full-time student. An individual also may elect to convert the group plan to an individual policy through the University's insurance carrier. If continuation of coverage is desired, information and application forms may be obtained from the Employee Benefits Division, 205 Rider Building (865-1473 or network 475-1473).

Information about other, private insurance coverage can be obtained from

representatives or salespersons of commercial insurance companies.

Health care coverage review

Regular University faculty and staff members are urged to review periodically the deductions being taken for their health care coverage (hospital/surgical/major medical, dental and vision) to be certain that they are paying for the correct coverage.

A change in family status may affect your cost and your coverage. For example, when you get married, when you have a first child, or when your spouse stops working for the University, you run the risk of having inadequate dependent coverage, if you haven't taken steps to indicate the change in coverage desired.

Consideration should be given to changing coverage if any of the following circumstances arises: You get married, you get divorced (or separated and no longer wish to provide spouse dependent coverage); you become the parent of a first child (note: a baby is covered automatically for 31 days following birth; however, to provide coverage beyond that time for a child, a coverage form must be completed); your only dependent child reaches age 19 (or 23 in the case of a full-time student);

your only dependent child gets married; your spouse begins or ceases working for the University as a regular employee; your only dependent child begins or ceases working for the University as a regular employee; your spouse enters military service; your spouse dies; your only dependent child dies.

If you feel a change should be made, call, write or visit the Employee Benefits Division, Room 205 Rider Building, 865-1473. Faculty or staff members located away from University Park may receive assistance by contacting the appropriate Director of Business Services or Human Resource Office.

The University has no way of knowing whether a change should be made, so it is the responsibility of the individual faculty or staff member to keep his or her records up to date. No refunds for overpayment will be made, unless it can be shown that the University was in error.

Obituary

Joann A. Wilson, clerk typist A, Commonwealth Educational System, since Dec. 18, 1989, died April 1 at the age of 60.

Focus on the arts

(Continued from page 4)

that will finish the performance. Original music and agricultural sounds will accompany the performance.

Dance concert

Anton Gitsov, cultural attache for the Embassy of the Peoples Republic of Bulgaria in Washington, D.C., will attend the 12th Annual Spring Concert of the Penn State Internationale Dancers at 7:30 p.m. Saturday, April 21, in Eisenhower Auditorium, University Park.

This marks the first time an embassy official has accepted the invitation to attend the ensemble's Spring Concert.

A sampling of Bulgarian folklore will be presented by the ensemble as members perform songs from the Pirin Mountains and a suite of dances from the Shope region.

According to Elizabeth Hanley, director of the ensemble, Mr. Gitsov and his wife will arrive on campus the afternoon of

April 20 to meet with members of the University community regarding the possibility of student exchanges between institutions of higher learning in Bulgaria and Penn State.

Tickets for the concert are available at the Eisenhower Auditorium Box Office, 8:30 a.m. to 4:30 p.m. General administration is \$5, and student/senior citizen tickets are \$4.

Zoller exhibit

Works by graduate students in studio and art education in the School of Visual Arts will be on exhibit Tuesday, May 1, through Friday, May 4, in the Zoller Gallery of the Visual Arts Building at University Park.

Works on display include a variety of ceramics, printmaking, sculpture, drawing, painting, photography and metals completed during the spring 1990 semester.

The gallery is open 9 a.m. to 5 p.m. Monday through Friday, 11 a.m. to 4:30 p.m. Saturday, and noon to 4 p.m. Sunday.

Glee Club

The Penn State Glee Club will dedicate the Blue and White Concert at 8 p.m. Saturday, April 21, to President and Mrs. Jordan. The concert will be presented in Schwab Auditorium at University Park.

Hazleton Campus

Five prints by Georgia O'Keeffe are on display at the Penn State Hazleton Campus library through the month of April. The prints, including "Red Poppy," "Light Iris," and "Ram's Head With Hollyhock," can be seen on the upper level of the library.

The prints were loaned to the library for the display by Richard Tye, head librarian at the campus. Kathleen Stone, assistant librarian; Lisa Mainiero, library staff assistant; and Stuart J. Erwin, instructor in French.

An exhibit of 12 landscape and nature

The program will include performances by the Hi-Lo's, the Varsity Quartet and After Hours, as well as special guest performances by pianist Marylene Dosse, tenor Richard Kennedy and baritone Robert Trehy.

The arts at...

paintings by artist Tim Mark is on display in the library at the Penn State Hazleton Campus through May 29.

Penn State Harrisburg

Inspired by Earth Day, Penn State Harrisburg is hosting an outdoor sculpture exhibit by nine Pennsylvania artists during the month of April.

Participating sculptors include Linda Cunningham, John Diamond-Nigh, Jeremy Jernigan, Duane McDiarmid, John Monckach, Michael Pascucci, Alan Paulson, Herbert Simon, and Peter Jon Snyder.

Blue, White courses will be open during entire season

Good news for University golfers: The Blue and White golf courses will both be open during the entire 1990 season. **Bob Intrieri** reports.

"The redesign and construction planned for the golf courses in 1990 is taking longer than anticipated. As a result, the planned reduction from 30 to 27 holes for the Blue and White courses this season will not take place as previously announced," Mr. Intrieri, manager of the golf facilities and head golf professional, says.

In the meantime, membership fees will remain the same as in 1989, when more than 80,000 rounds of golf were played on

both courses, he notes.

Mr. Intrieri stressed that the delay in plans for the redesign and construction on the golf courses does not affect "the University's commitment to making qualitative improvements in the entire golf operation. Our goal is to enhance the golf operation and to make it one of the finest University golf facilities in the country."

The 1990 season will be devoted to planning and design by Arnold Palmer and his staff and the Office of Physical Plant staff, to the completion of engineering studies and to infrastructure work on wells, pumps and landscaping. In addition, a new

course maintenance compound will be built this year.

In early spring 1991, construction and groundbreaking for the new clubhouse (on the site of the existing Blue Course golf shop) will begin. These activities will result in the loss of nine holes.

The delays in the project are related to the large number of engineering studies being done, including a soil profile, water resource project to locate a new well, test boring project to determine the location of lake areas, land surveys and stormwater management study, Mr. Intrieri says.

In anticipation of the reduction in the

size of the courses, a lighted practice range was constructed in 1989. It now is open for business (until 9:30 p.m., weather permitting), Mr. Intrieri says.

Other services currently available to users of both courses are instruction programs for juniors (ages 7 and 8) through adults by the staff of seven golf professionals, club repair and custom club assembly by trained staff and an expanded merchandising program.

Mr. Intrieri says that new maintenance equipment and additional full-time staff also have been added to the crew managing the turf conditions of the courses.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 865-8304 (NETWORK LINE 433-0304). Applications for those staff vacancies will be accepted until April 19, DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment Practices (PS-1) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

• Senior Applications Programmer/Analyst, Development and University Relations, Alumni Association, University Park Campus - Responsible to the assistant executive director, Alumni Services for the analysis, programming, testing, design and implementation of information system. Provide training and support to users; suggest and discuss development of new system and/or evaluate existing systems and problems. Requires bachelor's degree, or equivalent, in computer science or related field, plus two to four years of effective

experience in programming and analysis. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1990, WITH EXCELLENT POSSIBILITY OF RE-FUNDING. STAFF GRADE 7.

• Athletic Concessions Assistant, Intercollegiate Athletics, University Park Campus - Responsible to the building coordinator and the supervisor, Outdoor Athletic Fields, for coordination of concession activities for home events held at the University. Responsible for inventory accountability and control and for supervision of wage payroll employees and groups assigned to sell products. Requires high school education, or equivalent, plus one to two years of effective experience. STAFF GRADE 4.

• Assistant Accountant, Corporate Controller, University Park Campus - Responsible to the director of accounting operations for assistance in a wide variety of duties, working toward the overall goal of obtaining well rounded accounting experience in all areas within the Office of the Corporate Controller. Requires bachelor's degree, or equivalent, in accounting or related field, and nine to 12 months of effective experience. STAFF GRADE 5.

• Pastry Chef, Housing and Food Services, University Park Campus - Responsible to the manager of the Food Stores Building for directing the operations of the Penn State Specialty Baking

and for providing training to other bakery employees. Requires associate degree, or equivalent, graduate of accredited culinary school, plus three to four years of effective baking experience with demonstrated ability to direct and manage a high quality volume specialty baking operation. STAFF GRADE 6.

• Publications Editor/Designer, CES Publications, Hershey Continuing Education - Responsible to the publications supervisor for performing a variety of editorial design and production duties in support of continuing education publications at Hershey. Requires bachelor's degree, or equivalent, in English, journalism or related field, plus up to two years of effective experience in publications, including editorial and printing-production responsibilities. Excellent writing and communications skills required along with some knowledge of graphics. Experience with electronic publishing preferred. STAFF GRADE 5.

• Assistant Manager, Orthopedic Appliances, University Hospital Rehabilitation Center for Children and Adults, University Hospital Rehabilitation Center, Elizabethtown Hospital - Responsible to the manager, Orthopedic Appliances, for assistance in the day-to-day running of the department, as well as for the construction and application of appliances. Requires bachelor's degree, or equivalent, in physical therapy, occupational therapy or orthopedics/prosthetics, plus one to two years of effective experience. Must possess current orthodontic or prosthetic certification or licensure in physical therapy or occupational therapy. STAFF GRADE 6.

• Administrative Head Nurse, University Hospital, Nursing's Medical-Surgical, Milton S. Hershey Medical Center - Responsible to the nursing manager, assigned nursing unit, for assistance in handling the day-to-day administration of the assigned nursing unit; assume responsibility in her/his absence. Requires bachelor's degree in nursing from an accredited school of nursing, plus one to two years of effective experience and current license to practice as a registered nurse by the Pennsylvania Board of Nursing. STAFF GRADE 6.

• Assistant Manager, Occupational Therapy, University Hospital, Department of Occupational Therapy, Elizabethtown, Milton S. Hershey Medical Center - Responsible to the manager of occupational therapy for day-to-day operation of the pediatric area which includes scheduling, supervision, quality assurance, parent/staff relations and direct supervision of students in pediatric occupational therapy. Requires bachelor's degree, or equivalent, in occupational therapy and certification through the American Occupational Therapy Association, plus one to two years of effective experience. STAFF GRADE 6.

• Assistant Manager, Housing and Food Services, Beaver Campus - Responsible to the manager, Housing and Food Services - Commonwealth Campuses, for all phases of a specific dining commons operation. Requires associate degree, or equivalent, plus one to two years of effective experience. STAFF GRADE 5.

• Assistant Manager, Housing and Food Services, Altoona Campus - Responsible to the manager, Housing and Food Services, for carrying out various responsibilities for the food service operation. Assume responsibility for training and supervising assigned staff, for student food service programs, campus catering and snack bar. Assist with the administration of the total housing and food service operation. Requires bachelor's degree, or equivalent, plus a minimum of one up to two years of effective experience, as well as demonstrated supervisory ability. STAFF GRADE 6.

• Supervisor, Food Services, Housing and Food Services, Penn State Erie, The Behrend College - Responsible to the manager, Housing and Food Services - Commonwealth Campuses, for all phases of a specific dining commons operation. Requires bachelor's degree, or equivalent, plus one to two years of effective experience. STAFF GRADE 5.

• Coordinator, Campus Residential Life, CES, Student Program and Services, McKeesport Campus - Responsible to the director of student programs and services for carrying out specific responsibilities for the residence hall program, including administration of the conduct standards system; selection and supervision of student assistants; developing cultural, social and educational programs and counseling of students. Requires bachelor's degree, or equivalent, plus one to two years of effective experience, or a master's degree, or equivalent, in student personnel or related field with three to six months of residence hall experience. THIS IS A CONTINUING, 10-MONTH LIVE-IN POSITION. STAFF GRADE 6.

• Marketing Specialist, Arts and Architecture, Theatre Arts, Fayette Campus - Responsible to the managing/artsistic director, Great Meadows Summer Theatre, for marketing summer theatre productions, including media relations, assisting in the development and implementation of annual marketing endeavors, implementing of related educational programs and representing the Great Meadows Summer Theatre at civic meetings. Requires bachelor's degree, or equivalent, in theater management, arts administration, communications, marketing or related field, plus one to two years of effective experience. THIS IS A RE-ANNOUNCEMENT, PREVIOUS BIDDERS NEED NOT RE-APPLY. STAFF GRADE 5.

Public policy search group appointed

A search committee has been appointed to identify candidates for the position of director of the Graduate School of Public Policy and Administration. **Robert S. Friedman**, professor of political science, will chair the committee.

Other committee members are **Frank Clemente**, professor and head, Department of Sociology; **Gordon F. De Jong**, professor of sociology; **Mary L. Fennell**, professor of Sociology; **Trond Guberg**, professor and head, Department of Political Science; **Bradley D. Horton**, public administration graduate representative; **Michael R. King**, associate professor of political science; **Shiriki Kumanyika**, associate professor of nutritional epidemiology; **Frank J. Landy**, professor of psychology; **Robert D. Lee Jr.**, professor and head, Department of Public Administration; **Raymond E. Lombra**,

professor of economics; **Thomas F. Luce Jr.**, assistant professor of public administration; **Jeremy F. Plant**, professor and head, Division of Public Affairs; **James D. Rodgers**, professor and head, Department of Economics; **Minora V. Sharpe**, policy analysis graduate student; and **John M. Stevens**, professor of public administration.

The search committee will begin to review applications in mid-May and continue to receive them until a candidate is selected. Nominations and letters of application accompanied by a curriculum vitae and other supporting material should be submitted to Robert S. Friedman, chair, search committee for director of the Graduate School of Public Policy and Administration, Room 201 Old Main, Box I, University Park, Pa. 16802.

ALUMNI FELLOWS

Three Alumni Fellows will visit School of Communications. See story on page 6.

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7517.

William E. Campbell Jr., Editor
Deborah A. Benedetti,
Assistant Editor
Kathy Garman, Calendar

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INTERCOM

April 19, 1990

Volume 19, Number 30

Information submitted for publication in *Intercom* is due by noon on the Thursday before publication.

Dr. Hosler appointed acting executive vice president

Charles L. Hosler Jr., senior vice president for research and dean of the Graduate School, has been named acting executive vice president and provost of the University, effective May 25.

Prior to that date, Dr. Hosler will maintain an office in Old Main to facilitate his spending time with Executive Vice President and Provost William C. Richardson. Before Dr. Richardson assumes the presidency at Johns Hopkins University,

Dr. Hosler will continue to carry the title and administrative responsibilities of senior vice president for research and dean of the Graduate School while serving as acting executive vice president and provost.

President Jordan expressed his pleasure and thanks at the prospect of having Dr. Hosler assume the number two administrative role at the University during this period of transition.

"I am, first of all, grateful to Dr. Hosler for his willingness to take on this tremendous responsibility for Penn State," Dr. Jordan said. "And I am secure in the knowledge that he is a good choice for the job. My consultation with the faculty, with the academic deans, with his administrative colleagues and with the campus executive

officers revealed a great deal of confidence and respect for his abilities as an academic and an administrator."

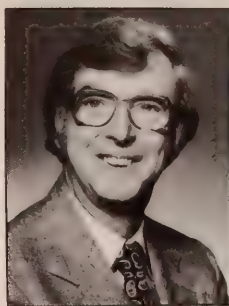
Beyond that, Dr. Jordan said, Dr. Hosler has a broad and deep understanding of Penn State, both its problems and its opportunities.

"And he will be very helpful to the new president when he or she directs the search for a permanent chief academic officer."

"I am honored to have this vote of confidence from the president and my colleagues with whom he has consulted," Dr. Hosler said. "I hope to continue in the tradition Dr. Richardson and Dr. Jordan have developed so well for the past seven years."

Dr. Hosler, who was named vice president for research and dean of the Graduate School in 1985, has been a member of the Penn State faculty and administration since 1951, when he was appointed assistant professor of meteorology. He was promoted to professor in 1960 and served as head of the Department of Meteorology from 1961-65. From 1965-85, he was dean of the College of Earth and Mineral Sciences.

He earned B.S. (1947), M.S. (1948) and



Charles L. Hosler Jr.

Ph.D. (1951) degrees from Penn State.

Under his leadership, the University has steadily increased and enhanced its research rankings in the areas of industrial and governmental grants and contracts, total research expenditures and percentage

increase of research funds, among other areas.

Dr. Hosler's national reputation as a meteorologist has been recognized by appointments to a number of prestigious committees, including the National Science Board. He was reappointed to a six-year term on the board in 1988 at the recommendation of President Ronald Reagan. The board is the policymaking body of the National Science Foundation.

He recently served as chairman of the National Research Council Panel on Meteorological Support for Space Operations that recommended improvements in the gathering and use of meteorological information to improve the safety and efficiency of U.S. space operations. He also represented the United States on education and training matters for the World Meteorological Organization, a United Nations agency.

Dr. Hosler also is a member of the National Academy of Engineering and a fellow and past president of the American Meteorological Society. He currently chairs the National Service Modernization Committee for the National Research Council.

Child care advisory committee named

President Jordan has appointed a University Child Care Advisory Committee. The recommendation to appoint the committee was one of several recommendations in the final report of the University Child Care Task Force, which was recently accepted by Dr. Jordan.

The Child Care Advisory Committee is comprised of 12 members including staff, faculty, clerical, and technical-service employees, and students.

The Committee will advise the director of the New Office of Child Care Services, and oversee the following activities:

- The implementation of a University-wide child care plan of action.

- The review of the status of child-care committees at each campus and support, where needed, for the establishment of such local groups.

- The ongoing appraisal of child-care needs of the University community, and of child-care systems at other relevant institutions that might suggest

improvements at Penn State.

A representative group of the committee will be involved in the search and screening process for the new director.

The committee will be chaired by **Charles M. Super**, head of the Department of Human Development and Family Studies. Dr. Super also chaired the University Child Care Task Force. Other members include Carol Everett, staff, Office of Planning and Analysis;

Christopher Reber, staff, Student Services;

Penn State Erie, staff, The Behrend College; **Jill Findis**, faculty, College of Agriculture;

Linda Shoop, faculty, Penn State New Kensington; **Michelle Martin**, returning adult student; **Win B. Mlambo**, graduate student; **Kathleen Hillegas**, clerical Division of Student Programs; **Mia Kim**, technical service, Office of Physical Plant; **Joanne Darrow**, returning adult student, Penn State Harrisburg; **Greg Gilkes**, armed services veteran, student; and **Connie Moore**, clerical, Department of Psychology.

In Business Administration

Board of Visitors is appointed

Ten distinguished individuals from the business community and the judiciary have agreed to serve on the first Board of Visitors of the College of Business Administration.

According to Dean J.D. Hammond, the board will provide advice of critical importance as the college moves to strengthen its programs and develop strategic ties with executives in both the public and private sectors.

"Business schools serious about building quality cannot move forward without formal access to the thinking of top-level executives," he said.

Frank P. Smeal of Rumson, N.J., a limited partner with the investment firm of Goldman, Sachs and Co., will be chairman of the board. Other board members are:

- **Edward Anchel** of Milford, Pa., chairman and president of Sparkomatic Corp.

- **Richard H. Bard** of Denver, Colo.,

chief executive officer of Computerland International.

- **Louis B. Benzak** of Rye, N.Y., president of Spears, Benzak, Salomon and Farrell Inc.

- **David W. Christopher** of New York, N.Y., world managing partner for audit and business advisory services with Prince Waterhouse.

- **Edward R. Hintz** of Chatham, N.J., president of Hintz, Holman and Hecksher.

- **William A. Schreyer** of Princeton, N.J., chairman and chief executive officer of Merrill Lynch and Co.

- **Robert G. Schwartz** of Princeton, N.J., chairman, president and chief executive officer of Metropolitan Life Insurance Co.

- **Stanley Sporkin** of Chevy Chase, Md., U.S. district judge.

- **L.G. Waterhouse** of Ridgefield, Conn., vice president for academic information systems with IBM Corp.



Arnold Addison

Mayor Addison cited for diversity leadership

State College Mayor **Arnold Addison** was given special recognition for his leadership and support for diversity at Penn State's Awards Convocation.

"The Pennsylvania State University recognizes **Arnold Addison**, professor emeritus and mayor of State College for distinguished leadership and devoted support to welcome and celebrate diversity," President Jordan said.

Mayor Addison has contributed to the community and the University through active participation in support of diversity. He was recognized for his accomplishments in the campaign against racism, including initiating the minority internships program in the mayor's office and serving as a member of the University/Borough liaison committee.

The mayor has participated in the Martin Luther King Day recognitions and has published numerous articles in government

journals highlighting the importance of Town/Gown relationships.

Mayor Addison created a mayor's action network, a coalition of borough and University groups that has heightened community awareness. He also has served as a member of Penn State's Commission on Racial and Ethnic Diversity.

"Much of the efforts under way at Penn State in support of diversity today are the result of the 1985 final report of a Presidents' Community Advisory Committee which Mayor Addison co-chaired," Dr. Jordan said.

Mayor Addison has served in the State College Borough for 37 years. His public service began in 1957 as the chairman of the Police Civil Service Commission. He was a councilman for 18 years, served two years as council president and currently is serving a fourth term as mayor.

The mayor has represented local

government at the state level as president of the Pennsylvania State Association of the Boroughs (1976-77); president of the Intergovernmental Council (1979-80); and president of the Association of Mayors of the Boroughs of Pennsylvania (1985-86).

He is a graduate of the West Virginia University with a B.A. and M.A. in political science. Prior to his retirement from Penn State in 1978, he held a joint appointment as a professor of industrial relations in the Department of Industrial and Management Systems Engineering and as the personnel director of the Applied Research Laboratory.

Dr. Jordan said Mayor Addison's achievements are "a myriad of personal and private involvements in making life fuller for literally hundreds of individuals across all walks of life."

Focus on Diversity



Blylye Avery

Tap dancer, jarocho musician featured

Winners of the National Endowment for the Arts' highest award for traditional artists are featured when *The Lonesome Pine Specials* presents "American Originals in Music" airing at 9 p.m. Saturday, April 21.

Two of the winning performers include tap dancer Howard "Sandman" Sims and jarocho musician Jose Gutierrez.

Sims trained as a boxer, but gave up the ring after breaking his hand twice. It was in the ring, however, that he first hit upon what was to become his specialty: the sand dance. "I used to do some fancy steps in

the rosin box," he says, "and the people liked that better than my fighting."

Venezuelan native Gutierrez became interested in guitar at age 7. At age 15, he took up the requinto, the small, four-string melody guitar that plays off the jarocho harp in explosions of rapid-fire syncopations. His impeccable technique, the depth and solidity of his musical sensibility, and his wide-ranging comprehension of jarocho tradition make him one of the truly remarkable musicians of our nation.

Summer program for minority students

The University will establish a summer program aimed at encouraging minority students in Pennsylvania's high schools to consider careers in science, business and engineering, thanks to a \$40,000 grant from Eastman Kodak.

Students will attend a four-week program at University Park that will include information on career opportunities and the academic preparation students will need to achieve those careers.

The Colleges of Science, Business Administration and Engineering, in collaboration with the University's minority admissions office and high school counselors and teachers, will identify the students.

University faculty will provide intensive

instruction in mathematics, computer science and English. Engineers, scientists, managers and other minority professionals from Eastman Kodak will act as mentors for the students and counsel them on how to apply knowledge gained in the classroom to the work environment. Tours of Eastman Kodak facilities also will be included.

The program is open to high school sophomores and juniors who are Pennsylvania residents.

Eastman Kodak has been providing financial support to a variety of Penn State academic programs since 1956. The company has donated more than \$500,000 to the University since the Campaign for Penn State began in 1984.

Commission for Women cites Dr. Schoch

Jacqueline Schoch, campus executive officer at the Penn State DuBois Campus, received special recognition from the Commission for Women at its recent spring banquet.

She received the book *Pennsylvania*, and monies are being contributed to University Libraries to purchase books on Pennsylvania history in her name.

Retiring on Sept. 30, Dr. Schoch has devoted 40 years to education, including 20 years of service to DuBois Campus and another 20 years in DuBois Area School District.

Her many activities include serving as an active member of the Commission for Women and on 14 different committees of the University Faculty Senate. She recently received the John E. Wilkinson Award for Administrative Excellence.

The Commission also recognized President Jordan and William Richardson, executive vice president and University provost, for their contributions to the advancement of women at Penn State. Monies were contributed to the Libraries to purchase books on music history and health administration in their names.

Carpoolers

Belinda needs a ride from Milesburg to University Park. She works from 8 a.m. to 5 p.m. Call 863-0772 or 355-7661.

Ron would like to carpool from Bellefonte to University Park. His work hours are 7 a.m. to 4 p.m. Call 355-1120 after 5 p.m.

Health project director will speak

Blylye Avery, National Black Women's Health Project executive director, will speak about the problems that affect Black/African American women at 8 p.m. Thursday, April 26, in the Paul Robeson Cultural Center at University Park.

Ms. Avery's speech, titled "Healing Through Empowerment," will focus on the ways in which racism, sexism, and classism affect the Black/African American woman and the process of taking charge and validating one's existence. The speech is part of the Center for Women Students continuing speaker series titled "Interactive Discrimination: The Combined Effects of Racism and Sexism."

Headquartered in Atlanta, the National Black Women's Health Project has chapters in 22 states, Kenya, Barbados and Belize, and is devoted to improving the health and self-esteem of Black/African American women.

A MacArthur Foundation fellow for social contribution, Ms. Avery holds the 1989 Essence award for community service. She currently is a board member of the New World Foundation, International Women's Health Coalition, Committee for Responsive Philanthropy and a Kellogg International Fellowship Program advisory committee member.

The presentation is funded by a special grant to the Center for Women Students from the Equal Opportunity Planning Committee and co-sponsored by the Black Studies Program, the Paul Robeson Cultural Center, the School of Nursing, Women of Color and Women Studies.

Diversity Calendar

Thursday, April 19
Celebrate the Family symposium, 8:30 to 9:30 a.m., Keller Conference Center, Jawanza Kunjufu, African American Images, Chicago, on "Black Families in the 1990s: Their Strengths and Weaknesses." Other sessions run through 5 p.m. and the morning of April 20.

Thursday, April 26
Center for Women Students, 8 p.m., Paul Robeson Cultural Center. Blylye Avery, executive director, National Black Women's Health Project, on "Healing Through Empowerment."

Monday, May 7
Women's Studies, 3:30 to 5 p.m., 13 Sparks Building, Women's Studies Faculty/Advisory Committee meeting. All interested students, faculty and staff are welcome.

'American Success Stories' videotapes

Three biographical videotapes from the *American Success Stories* series are now available for classroom use from Audio-Visual Services.

Jevel Lafontant (24391.VH) is a portrayal of the first black woman graduate of the University of Chicago Law School who went on to achieve many "firsts" during her 40 years in the legal profession. *Yue-Sui Kan* (24389.VH) was born in Guilin, China, and raised in Hong Kong; she became a renowned television producer and

personality. And *Franklin Chang-Diaz* (24401.VH) profiles the Chinese-Hispanic scientist who served as the mission specialist on the six-day flight of the space shuttle Columbia in 1986.

These programs are available at no charge to University faculty and staff members. At University Park, call 865-0913 to make arrangements for a preview showing. At a Commonwealth Campus, contact the campus instructional services specialist for more information.

Diversity Lecture Series presentation

Twila Martin-Kekahbah, tribal chair of the Turtle Mountain Band of Chippewa Indians in North Dakota, will speak on April 23 in the HUB Fishbowl at University Park.

Her talk on "Leadership Among Native American Indian Women" is part of the Diversity Lecture Series, sponsored by Central Pennsylvania Women of Color and funded by the Equal Opportunity Planning Committee.

A Penn State graduate, Ms. Martin-Kekahbah was elected tribal chair in 1988. Prior to her education, she served as consultant to several organizations, including the Fort Peck Assiniboine and

Sioux Transportation Department in Montana, where she assisted in the design of a transportation system for the tribe.

Ms. Martin-Kekahbah received a master's degree in educational administration in 1974 from Penn State and a bachelor's degree in elementary education from University of North Dakota in 1972. From 1984 to 1987, she was a W.K. Kellogg Leadership Fellow, which is given to potential leaders from academe and the public and private sectors.

Her honors include being named to Community Leaders of the World and Who's Who of American Indians.

Student groups recognized for work on Campaign for Penn State

Student organizations and their leaders have been recognized by the University for their work on behalf of The Campaign for Penn State.

These groups, the Student Challenge component of the Campaign, helped to raise more than \$77,000 in gifts and pledges since the Campaign began July 1, 1984.

"These students have set an example of commitment and involvement that is sure to help prepare them for future leadership roles," said President Jordan, who spoke at a reception honoring the volunteers. Cited for their leadership were:

— **Suzanne Cuttice** of Easton, chair of the Student Challenge and committee member for 2.5 years.

— **Renée Stumpf** of DuBois, chair of the

1990 senior class gift committee, which has raised more than \$15,000 for construction of an outdoor courtyard at the University Creamery.

— **Don Savoie** of Lewiston, Maine, past president of the yearbook, "La Vie," for the organization's contribution of \$11,000 for scholarships.

Also honored were presidents of area resident hall governments in Centre, East, Pollock/Nittany, West, South and North Halls for the efforts they organized.

Student fund-raising efforts have benefited a number of areas at the University, including the Office of Disabled Students, University Libraries, the arts, the Career Development and Placement Center, and the residence halls.

To take place this summer Card catalog removal scheduled

The removal of the University Libraries card catalog from Pattee Library will take place this summer.

Setting a national trend, the Libraries officially "closed" the card catalog at the end of 1980, with the implementation of an online, electronic catalog known as LIAS (Library Information Access System). LIAS provides access to the collections in Pattee, all branch libraries at University Park, and libraries of the Commonwealth Educational System, Penn State Erie, The Behrend College, Penn State Harrisburg, and Penn State Great Valley.

Over the years, the card catalog has become a source of inaccurate information for library users. Not only does the card catalog not reflect the books that have been added to the collection since 1981 (approximately 700,000), but it also does not reflect the many books that have been reclassified or lost over the last nine years.

Plans for the much-needed space that the card catalog now occupies are to establish a new books display area and information distribution point.

Realizing the important historical value

of the card catalog, the Libraries has made available a copy of the entire catalog (as frozen in 1980) on microfilm in the Microforms Room of Pattee.

For more information, contact Torre Meringolo, assistant dean and head of Collections and Reference Services, University Libraries, 865-0401.

Obituaries

Robert G. Matthews, research assistant at the Applied Research Laboratory, died April 4. He was 54.

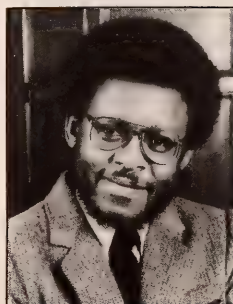
A graduate of Michigan Tech in Houghton, Mich., with a bachelor of science degree in mechanical engineering, he received a master's degree in mechanical engineering at Michigan State University. He joined the University staff Feb. 15, 1965.

Hazel E. Grenoble, housekeeping supervisor, Housing and Food Services, from Oct. 1, 1948, until her retirement Dec. 9, 1964, died March 18 at the age of 81.



Kenyan author visits

Ngugi wa Thiong'o, second from left, prominent Kenyan novelist, playwright and essayist, was keynote speaker at the recent American Comparative Literature Association Conference held at University Park. With him are, from left, Gerhard F. Strasser, conference director; President Jordan; Caroline Eckhardt, chair of the Comparative Literature Department; and Thomas Hale, associate professor of comparative literature and official host for Mr. Ngugi.



James H. Cone

Theologian to speak

James H. Cone, Briggs Distinguished Professor of Systematic Theology at Union Theological Seminary in New York City, will present the 6th annual Martin Luther King Jr. Memorial Lecture at 7:30 tonight in the Paul Robeson Cultural Center at University Park.

Dr. Cone's 1969 book, *Black Theology and Black Power*, the first systematic theology written from the African American perspective, marked a global paradigm shift in theological discourse.

Since then, Dr. Cone, recognized as the father of black theology, has written seven other books and more than 100 articles. He has served as visiting professor at nearly a dozen colleges and universities, and has lectured on five continents.

Institute names first research fellows

The Institute for the Study of Business Markets has named the first ISBM Research Fellows. Each will receive \$1,500 grants from corporate sponsors of the institute. The awardees are:

— **Stephane Gaudin**, doctoral candidate in marketing at Penn State, the Northeastern Telecom Research Fellow; his research has delved into econometric modeling of the behavior of innovative firms.

— **Kathleen Searls**, doctoral candidate in marketing at Penn State, the Aluminum Co. of America Research Fellow; in her association with ISBM, she has designed and coordinated a National Science Foundation-sponsored research project.

— **Valerie Kiewski**, managing director of the ISBM Applications Group at the University of Lowell, the Cahners

Publishing Co. Research Fellow; a member of the marketing faculty at the University of Lowell, she is investigating trade show selection, investment in industrial advertising and how firms become "market-driven."

— **James C. Anderson**, holder of the William L. Ford professorship in marketing and wholesale distribution and an associate professor of behavioral science at Northwestern University, AT&T Bell Laboratories Fellow; his research focuses on relationships between wholesaler-distributors and manufacturers and customers and suppliers.

The ISBM, founded at Penn State in 1983, has as its mission the improvement of the theory and practice of business marketing.

News in Brief

Alumni retreat

The Penn State Alumni Association will hold a three-day retreat April 26-29 at the Tofrees Hotel Resort in State College to help alumni shift from career into retirement. The retreat, titled "Profiles in the Third Age," will focus on life experiences as a key to meaningful retirement. Taking part in the retreat will be Stanley Weintraub, Evan Pugh professor of arts and humanities; Henry C. Harpending, professor of anthropology and human development; and K. Warner Schaie, Evan Pugh professor of human development and psychology.

Also presenting sessions will be Moylan Mills, director of academic affairs at Penn State Ogonz Campus; Michael Smyer, associate dean for research and graduate studies; College of Health and Human Development; Dennis Gingrich, assistant professor of family and community medicine at the Hershey Medical Center; and Michel Pharaud, instructor in comparative literature.

For further information, contact the Alumni Association, 105 Old Main, University Park, phone (814) 865-2651.

University Testing Service

The Spring Semester final exam period is from Monday, April 30, through Saturday, May 5. UTS will be open to receive work from 8 a.m. to 5 p.m. on Monday through Friday. On Saturday, May 5, hours will be 9 a.m. until 1 p.m.

Please submit recording rosters before finals, if possible. Recording rosters submitted during finals will receive a lower work priority than jobs on answer sheets.

Harrisburg center lecture

Beverly A. Cigler, professor of public policy and administration at Penn State Harrisburg, will speak on "Alternative Service Delivery Options for Pennsylvania's Small Governments" at 1:30 p.m. Wednesday, April 25, at the Penn State Downtown Center in Harrisburg.

She will examine initial conclusions from her research funded by the Center for Rural Pennsylvania. The lecture is free to the public. Registration is not mandatory, but is preferred. For registration information, call (717) 783-0433.

Lecture on Bulgaria

Vladimir K. Dobrov, of the Bulgarian Academy of Science, will present a general lecture on "Science and Education in Bulgaria" at 12:30 p.m. Wednesday, April 25, at the Penn State Ogonz Campus.

Professor Dobrov, a member of the Bulgarian Academy's Institute for Nuclear Research and Nuclear Energy in Sofia, will be the guest of the Ogonz Physics Department for several weeks.

The seminar will be conducted in the campus Spring House, 1600 Woodland Road, Abington. It is free to the public.

Arbor Day

On April 26, the Office of Physical Plant will contribute the services of two of its professional arborists to Arbor Day ceremonies at Centre Furnace Mansion.

Jeff Dice and Kris Edson, arborists who have been with OPP for four years, will join a dozen or more other arborists to strengthen the structure and prune the dead wood from the 250-year-old sycamore which graces the lawn of the Mansion.

Penn State Day in Harrisburg

The second annual Penn State Day in Harrisburg will be held from 10 a.m. to 10 p.m. Friday, April 27, at the Penn State Downtown Center, 234 N. Third St.

Activities include an open house and tours of the Downtown Center (through 3 p.m.), a Penn State Fair featuring more than 30 exhibits of University programs in the atrium of Strawberry Square, Third and Walnut streets (10:30 a.m. to 3 p.m.); concerts by the Penn State Pep Band at noon and 2 p.m. in the atrium; and an alumni buffet reception at the Downtown Center, followed by a baseball game at 7:05 p.m. in Riverside Stadium.

For more details, call the Penn State Downtown Center at (717) 783-0433.

College gets grant

The College of Education has received a \$114,804 grant from the U.S.

Department of Education to prepare American Indian special educators who serve American Indian handicapped children.

The American Indian Special Education Teacher Training Program was established in 1982 and has been continuously funded 100 percent by the U.S. Department of Education.

The director of the program is Anna Gajjar, associate professor of special education.

NSF grant

John Lamancusa, associate professor of mechanical engineering, has received a \$100,000 National Science Foundation grant.

The grant, combined with matching funds from the University, will add 24 VAV station machines to the Penn State Mechanical Engineering Computer-Aided Engineering Laboratory. Used for undergraduate design classes, the computers will allow computer-aided engineering, high-quality graphics, finite element analysis and simulation of mechanical systems.

Students will be able to take a design project from initial planning stages to drafting and analyzing of the finished parts, according to Dr. Lamancusa. Also purchased with the grant was a high-resolution color hard copy unit that allows detailed graphics to be transferred to paper.

Focus on the arts

New play

"Breathers," a new play by senior English major Aaron K. Lecon, will be presented by the New Play Workshop at 5:15 p.m. today and tomorrow in 119 Arts Building at University Park.

Director Kristin Graham describes "Breathers" as "a story of two men on death row which reaches out beyond their world and asks the audience to examine its position on the death penalty."

The play originally appeared as a short story last fall in the Penn State literary magazine *Collaps*.

Ukrainian author

Prominent Soviet Ukrainian writer Lina Kostenko will deliver a lecture and poetry reading at 7 p.m. Thursday, April 19, in the Rare Books Reading Room on the third floor of Potter Library at University Park. Ms. Kostenko, visiting post-independence at Penn State, will speak in Ukrainian, and a concurrent English translation will be provided. Her visit is sponsored by the Department of Slavic Languages and the Woskob Fund for Ukrainian Studies.

Ms. Kostenko was among that group of young authors, mostly poets, called "shestidesiatnyky," "Writers of the Sixties," who emerged in the Soviet Union during a time of relaxed censorship (1957-61).

Despite great popularity at home and abroad, they suffered during the renewed crackdown under Leonid Brezhnev (1964-82). With the coming of glasnost, she and her peers have again been allowed to write without official hindrance.

Children's play

The Penn State Thespians and Kern Graduate Commons are presenting the children's play "Androcles and the Lion" at 7 p.m. Friday, April 20, and 10:30 a.m. Saturday, April 21, in Room 112 Kern Building at University Park. Admission is free, but limited to available seating.

Internationale Dancers

In recognition of the 1990's being proclaimed "The Cultural Decade" by UNESCO, the Penn State Internationale Dancers will present a cultural collage of dance, music, and song for their 12th annual Spring Concert at 7:30 p.m. Saturday, April 21, in Eisenhower Auditorium at University Park.

Fourteen different countries will be highlighted this year by the 30-member ensemble as members portray the rich ethnic diversity that has become an integral part of our American heritage.

As events continue to unfold in Eastern Europe, the ensemble will contribute to "The Cultural Decade" by spotlighting Bulgaria, Slovakia, Poland, and the



Alison Saar will discuss her work at 1:30 p.m. April 24 in Palmer Museum of Art.



The Penn State Internationale Dancers will present their Spring Concert at 7:30 p.m. April 21 in Eisenhower Auditorium.

Yugoslav republics of Croatia and Macedonia.

Anton Gitsov, cultural attache for the Embassy of the Peoples Republic of Bulgaria in Washington, D.C., and his wife will attend the concert.

In addition to the countries of Eastern Europe, many other world countries, including India, Egypt, China, Greece, England, Philippine Islands, Israel, and the United States, are included in the two-hour performance.

For its finale, the ensemble has chosen the music and dance of the United States.

The Penn State Internationale Dancers is a performing ensemble sponsored by the Department of Exercise and Sport Science, College of Health and Human Development. Director of the ensemble is Elizabeth Hanley, assistant professor of exercise and sport science.

There will be opportunity to meet the ensemble in Room 133 White Building immediately following the performance. The public is invited to attend.

Tickets for the concert are available from Eisenhower Auditorium Box Office from 8:30 a.m. to 4:40 p.m. General admission is \$5 and students/senior citizens' tickets are \$4. For further information, contact Elizabeth Hanley at 865-2418.

Ice show

National and international figure skating competitors will highlight the eighth annual Ice Rhythms ice show at the Penn State Ice Pavilion at 7:30 p.m. Friday, April 20, and Saturday, April 21.

Featured soloists include Erik Larson, 1990 Senior Mens Pacific Coast champion, and Calla Urbanski and Mark Naylor, 1990 Eastern U.S. Senior Pairs champions. The program also will include 150 skaters in solo and group numbers.

"Cast members range in age from 3 to late 50s," Dena Yeagley, show director, said. "This show is especially nice because it includes college students and townpeople, as well as professionals. There will be lots of superb skating."

The theme of this year's show is an Ice Rhythms review, and it will incorporate music from past years' shows. Performers will skate to such songs as "Axel F" from the movie "Beverly Hills Cop," music from the Broadway play "Starlight Express" and music from "Barnum." A competitive skating student will perform a solo to a piece from "Evita."

Tickets will be on sale through April 19 at the Ice Pavilion or call 865-4102. Student and youth tickets are \$3.25 and adult tickets are \$4.75. Tickets purchased April 20 and 21 will be \$4.25 and \$5.75.

Alumnus to speak

Alumnus Robert C. Preston will discuss a career in landscape architecture and appropriate educational choices at 2:30 p.m. Sunday, April 22, at the Palmer Museum

of Art at University Park.

Mr. Preston has his own design firm, Forrest Associates Limited, in Atlantic City. His lecture is part of the museum's series "Careers in the Visual Arts."

In his lecture, he will address the need to supplement a well-rounded landscape architecture degree with electives in areas such as business and accounting.

The lecture is free to the public.

'Concert in the Park'

The Penn State Nittany Lion Concert Band will present a "Concert in the Park" at 6 p.m. Monday, April 23, in Fisher Plaza outside the Kern Graduate Building at University Park.

Brad Townsend, graduate assistant with the Penn State Blue Band and doctoral candidate in music education in the School of Music, will conduct the band.

Percussion ensemble

The Penn State Percussion Ensemble, directed by Dan C. Armstrong of the School of Music faculty, will present its annual spring concert at 8 p.m. Monday, April 23, in the Recital Hall of the Music Building at University Park.

The concert will feature works by American composers Paul Creston, William Kraft, Barney Childs and H.J. Buss.

The arts on Channel 3

"Robert Yarber Paintings: 1980-1988" airing at 10:30 p.m. Monday, April 23, and "Bellefonte Collects," airing at 8:30 p.m. Wednesday, April 25, on Channel 3, are two exhibitions to be featured on the collaborative WPSX-TV/Palmer Museum of Art series ARTWORKS.

Robert Yarber's large canvas paintings, eclectic in style using vibrant primary colors and tones, have a common trait of human bodies being suspended in the air. As series host Tom Foral notes, the bodies seem to be "flying or falling."

"Bellefonte Collects" looks at the family relics and cultural artifacts of the Victorian era that generations of people in Bellefonte, Pa., have collected, making history a real

part of their lives.

ARTWORKS' camera not only visits the "Bellefonte Collects" exhibit at the museum, but for the first time takes a video riding tour through Bellefonte to show various architectural designs of homes and businesses.

Collage artist

Alison Saar, an artist who creates collages and life-size assemblages, will discuss her work at 1:30 p.m. Tuesday, April 24, in the Palmer Museum of Art at University Park. She is the eighth and final artist in the Visiting Artist Program sponsored by the School of Visual Arts.

Ms. Saar's work represents cultural laminations of her personal beliefs, which include a melange of African and Haitian folklore, voodoo, Catholicism and contemporary African American culture and mythology.

Her work is represented by the Jan Baum Gallery in Los Angeles, and it has been exhibited in the Zeus-Tabia Gallery and Monique Knowlton in New York, the Bronx Museum, the Sculpture Center, The Whitney Museum, the Metropolitan Museum, the Everson Museum and the Sidney Janis Gallery.

Publications such as *Artforum*, *Arts Magazine*, the *Los Angeles Times* and *The New York Times* have reviewed her work.

Ms. Saar, who received a bachelor's degree from Scripps College and a master of fine arts from Otis Art Institute in California, will be at University Park April 23-25. Her visiting artist seminars will be at 7:30 p.m. April 23 and 24 in the Scholars Lounge, 215 Willard Building.

Dance auditions

Contemporary Dance Company will hold open auditions for male and female dancers from 4 to 5:30 p.m. Tuesday and Thursday, April 24 and 26, in Room 132 White Building at University Park.

Founded in 1973 by dance faculty and students, Contemporary Dance Company performs a repertoire of modern dances choreographed by University dance faculty and visiting guest artists. Company members include University students, as well as State College residents. For more information, call 865-2720, 863-1138 or 865-7112.

Film festival

Richard Pena, director of the New York Film Festival, will be a special guest speaker during the Latin American Film Festival April 24-25 at University Park.

Mr. Pena will speak at 8 p.m. Wednesday, April 25, in 112 Kern as part of the festival, which is sponsored by the School of Communications, the Office of International Programs and the Latin American Association.

Films to be shown are: "Life is a Dream" at 8 p.m. Tuesday, April 24, in Room 112 Kern; "Romance" at 11 p.m. Tuesday, April 24, in Room 4 Carnegie; "Hand in the Trap" following Mr. Pena's 8 p.m. talk April 25 in Room 112 Kern; and "Patakin" (Continued on page 7)

The arts at...

Altoona Campus

An exhibition of Penn State Altoona Campus student art work from the spring semester is on display in the Sheets and McLanahan Galleries in the Community Arts Center through May 11.

The musical comedy, "Pippin," opens tomorrow in the Paul R. and Margery Wolf Kuhn Theatre in the Community Arts Center and also will be presented at 8 p.m. April 21, 22, 27, 28 and 29.

Penn College

Singer Judy Collins will perform at 8 p.m. Thursday, April 26, at Williamsport's Capitol Theatre in a concert co-sponsored by the Pennsylvania College of Technology Foundation Inc.

Penn State Erie

Carl Rosen, keyboardist and singer, will perform at 8 p.m. Thursday, April 26, in Wintergreen Cafe.

University Park Calendar

April 19— April 29 Special Events

Thursday, April 19

Celebrate the Family symposium, 8:30-9:30 a.m., Keller Conf. Center, Dr. Jawanza Kunjufu, African American Images, on "Black Families in the 1990s: Their Strengths and Weaknesses." Sessions continue through 5 p.m.
Bach's Lunch, 12:10 p.m., Eisenhower Chapel.
Brass Quintet: Solid Brass.
Brown Bag Lunch/Lecture, 12:10-12:50 p.m., Palmer Museum of Art: Kay Wagenknecht, Harte on "Site + Sculpture: The Collaborative Design Process."
Lecture/poetry reading, 7 p.m., Rare Books Reading Room, Pattee Library, Lina Kostenko, Soviet-Ukrainian writer.
Art History, 8 p.m., 112 Walker: Linda Bauer, Univ. of Calif., on "Rubens' Oil Sketches for Architecture."

Friday, April 20

Eco-Action, Earth Day lecture, 3-5 p.m., Paul Robeson Cultural Center, Stathawk, author/eco-feminist/peace activist, on "Healing the Disembodied World."
Thespians/Kern Graduate Commons, children's play, 7 p.m., 112 Kern, *Androcles and the Lion*. Also April 21, 10:30 a.m. Free.
Shaver's Creek, 7 p.m., Adventure Series: Water Wonders (Grades 7-4), Call 863-2000. Also April 21, 11 a.m.
Ice Rhythms, 7:30 p.m., Ice Pavilion. Also April 21, 7:30 p.m.
School of Music, 8 p.m., Eisenhower Aud. Philharmonic Orchestra, Concert Choir, University Choir, Opera Workshop.
School of Visual Arts, 9 p.m., outside Visual Arts Bldg, David Hall, pyrotechnic performance artist, on "Implement."

Saturday, April 21

Blue-White football game, 1 p.m.
ARHS, "Movin' On," noon-1:30 p.m., HUB Lawn.
School of Visual Arts, 7 and 8:30 p.m., Keller Conf. Center Aud. Graphic Design Film Follies.
School of Music, 7:30 p.m., Schwab Aud. Penn State Glee Club.

Sunday, April 22

Shaver's Creek, Earth Day 1990 Celebration, Call 863-2000.
Sy Barash Regatta, 10 a.m.-5 p.m., Bald Eagle State Park.
Shaver's Creek, 1-5 p.m., Learning to Identify Wild Mushrooms. Call 863-2000.
Discussion, 2:30 p.m., Palmer Museum of Art. Robert C. Preston, landscape architect, on "Careers in the Visual Arts."
Carnegie Hall Film Series, 6:45 p.m., *Buffalo Bill and Indians, or Sitting Bull's History Lesson* (1976), 9 p.m., *The Thin Blue Line* (1987), 4 p.m. Free.

Monday, April 23

Comp. Lit. Luncheon: noon-1 p.m., 101 Kern. Michel Pharaud on "The Dionysian Victorian: Bernard Shaw and Passion."
School of Music, 6:30 p.m., Kern Plaza, Penn State Nittany Lion Concert Band & p.m., Recital Hall, Penn State Percussion Ensemble.

Tuesday, April 24

Commission for Women meeting, 11 a.m.-3 p.m., Schuykill Campus.
School of Visual Arts, Visiting Artist Seminar, 1:30 p.m., Palmer Museum of Art, Allison Saar, artist, N.Y., on "Recent Work."
Shaver's Creek, 6:30 p.m., Mini Natural History Course: Plants. Call 863-2000.
School of Music, 6:30 p.m., HUB Ballroom, Penn State Concert White Band, 8 p.m., Recital Hall, Student Composer's Concert.

Wednesday, April 25

Art History Lecture Series, 8 p.m., 112 Walker. Allan Brahm, National Gallery, London, on "Bernini's Architectural Legacy in Rome."

Thursday, April 26

Bach's Lunch, 12:10 p.m., Eisenhower Chapel. Susan Scott, organ.
Biennial of the French Revolution, lecture, 8 p.m., 112 Kern. Simon Schama, Harvard Univ., on "Trees and Liberty."
Center for Women Students, "Interactive Discrimination: The Combine Effects of Racism and Sexism," 8 p.m., Paul Robeson Cultural Center. Blythe Avery, National Black Women's Health Project, on "Healing Through Empowerment."
Robert M. Pockras Memorial Lecture, 8 p.m., HUB Aud. Dr. Tamas Szecsk, Hungarian Inst. for Public Opinion Research, on "East European Media on the Move: The Case of Hungary."



Santa Maria Maggiore's facade by Bernini is the topic of a lecture by Allan Brahm, who will discuss "Bernini's Architectural Legacy in Rome" at 8 p.m. April 24 in 112 Walker Building.

Friday, April 27

Inst. for the Study of Adult Literacy, open house, 2-5 p.m., 204 Calder Way, Suite 209. Classes end 9:30 p.m.

Saturday, April 28

Shaver's Creek, 1-3 p.m., Pennsylvania Trees. Call 863-2000.

Sunday, April 29

Shaver's Creek, 2-4 p.m., Spring Wildflower Walk. Call 863-2000.

Dulaney, professor of journalism, chair; Jerri Milson, coordinator.

April 26: EPA Radon Contractor Exam. Bonnie Ford, technical education specialist, chair; North Lathbury, coordinator.

April 26-28: Educational Secretaries Conference. Shirley Hendrick, director of continuing education, College of Business Administration, and assistant professor of business administration, chair; Kathy Karchner, coordinator.

April 26-29: Profiles in the Third Age. James Weeks, research project associate, chair; Jack Sinclair, coordinator.

April 28: Zoning Law and Administration. Jack Sinclair, coordinator.

International Events

Education Abroad Programs

The following programs for Spring 1991 are available until Oct. 1: Athens, Exeter, Kiel, Manchester (economics), Nice, Rome, San German, Tel Aviv.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5-6:30 p.m., Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m.
"Odyssey Through Literature," 12:30-2 p.m. Wednesdays, with S. Leonard Rubinstein.
"Perspectives," 6:30 p.m. Wednesdays, with Jeff Ballou. "Creative License," 12:30 p.m. Thursdays, with Asa Berlin and Pam Saulnier.

Conferences

Continuing Education

Keller Building

April 23-26: Pupil Transportation Supervisors Course. Jerri Milson, coordinator.
April 23-26: Elements of Mine Electrical Systems. Jeffery L. Kohler, associate professor of mining engineering and director of the mine electrical lab, chair; Barb Impellitteri, coordinator.
April 24-27: Bioreactors for Cell Culture. Workshop, Jim Shiellman, manager of training, Biotechnology Institute, chair; Eric Loop, coordinator.
April 25: EPA Radon Contractor Exam Review. Bonnie Ford, technical education specialist, chair; North Lathbury, coordinator.
April 25: High School Yearbook Seminar. William

History Colloquium, 8 p.m., Memorial Lounge, Eisenhower Chapel. Dr. David McBride, State Univ. of N.Y., Binghamton, on "The Afro-American Perspective in Contemporary Historiography."

Wednesday, April 25

Analytical Chemistry, 11:15 a.m., SS Osmond. Dave Hrubowchak.

Thursday, April 26

Physics Colloquium, 3:30 p.m., SS Osmond. Ulf von Zahn, Univ. of Bonn, on "Ion Trapping." Mechanical Engineering, 4 p.m., 101 Mechanical Engineering. Arthur E. Bergles, Rensselaer Polytechnic Inst., on "The Thermal Control of Electronic and Micro-Electronic Equipment - A Challenge for the 1990s."

Friday, April 27

Ecology, 3:45 p.m., 111 Wartik, Julie Downs on "Composition and Structure of a 320-Year-Old Mixed-Oak Forest."

Exhibits

HUB Galleries

Formal Gallery:

Biennial of the French Revolution, "The French Revolution as Portrayed in Collector's Postcards," through April 30.

Black Wings: The American Black in Aviation, through April 29.

Art Alley Panels and Cases:

The Central Pa. Guild of Craftsmen annual member exhibit, through April 27.

Browsing Gallery:

Pa. Department of Corrections, art contest, through April 27.

Kern Galleries

Selections from the Graduate Research Exhibition, through May 15

The French Revolution, Collector's Postcards, through April 30.

Denise Arie, Jewelry, through April 30.

Alice Ritti, Paintings and Drawings, through April 30.

College Research Exhibitions, College of Business Administration, through April 27.

Roman Museum of Art

Roman Portraits, through April 22.
Figurative Drawings of the 17th and 18th Centuries from the Accademia Nazionale di San Luca in Rome, through May 20.
Transforming the American Garden, through May 15.

Pattee Library

East Corridor Gallery:

Susan Harter, Endangered Imagination, through April 20.

West Lobby and Lending Services Gallery: Works by art education graduate students, through April 23.

Rare Books Room:

Photography: A 150th Anniversary Exhibit, through May 31.

Zoller Gallery

M.F.A. Thesis Exhibition, through April 29.

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather-234; Arts Line-345; University Calendar-456.

Bookshelf

Dennis P. Hogan, professor of sociology and director of Population Issues Research Center, is the co-author of *Family, Political Economy, and Demographic Change: The Transformation of Life in Casalecchio, Italy, 1861-1921* (University of Wisconsin Press). His co-author is David I. Kertzer, William R. Kenan Jr. professor of anthropology at Bowdoin College.

Family, Political Economy, and Demographic Change represents an unprecedented interdisciplinary effort to discover how changes in family life and demographic behavior actually occurred in this crucial period, and how people's lives were affected.

The book takes issue with a number of the most influential demographic and sociological theories dealing with the evolution of the Western family and the factors responsible for fertility decline.

Seminars

Thursday, April 19

Polymer Science, 9 a.m., 301 Steidle, J.L. Hedrick, IBM, on "Synthesis of Imide-Aryl Ether Phenylquinoxaline Block Copolymers." Chemistry Colloquium, 12:30 p.m., SS Osmond Lab. Christopher Walsh, Harvard Medical School, on "Molecular Studies on the Vitamin K-Dependent Post-Translational Carboxylation of Protein Glutonyl Residues." Physics Colloquium, 3:30 p.m., SS Osmond Lab. Stuart Solin, NEC Research Inst., on "Novel Properties of Interrelated Layered Solids." Ecology, 3:45 p.m., 111 Wartik, Joseph Balczon on "Responses of Two Microecosystems to Copper Stress."

Undergraduate Entomology Club, 7:15 p.m., 105 Chambers Building, Dr. David Fletcher, Bucknell Univ., on "The Africanized Honey Bee Program."

Monday, April 23

Entomology, 3:45 p.m., 204 Patterson. Jesse Logan, Va. Polytechnic Inst. and State Univ., on "The Science of Chaos." German Dept., lecture, 4 p.m., Rare Books Room, W342 Pattee Library. Donald Prater on "Stefan Zweig and the New World."

Tuesday, April 24

Condensed Matter Physics, noon, 339 Davey Lab. Andy Anderson, Univ. of Illinois, Urbana-Champaign, on "Fracturing Glass." Cerontology Colloquium, noon-1 p.m., 101 Health and Human Dev. Bldg., East. Robert B. Mitchell on "Biomarkers of Aging: Homeostatic Measures."

Appointments

Charles F. Coleman has been appointed director of student programs and services at the Penn State Delaware County Campus.

Mr. Coleman, of Wilmington, Del., joins the campus from Delaware Technical and Community College, where he held a variety of student affairs posts, the last of which was as assistant director of continuing education. He previously had been assistant dean of student services, athletic director, counselor and basketball coach.

Mr. Coleman holds a master of education degree in counselor education from Antioch University. He received his undergraduate degree in business administration from Villanova University.

Stephanie D. Johnson has been named events and facilities coordinator for Penn State Great Valley. In his capacity, she will be responsible for marketing and coordinating all facility rentals and usage and for providing logistical and administrative support for seminars, conferences, workshops and other meetings held at the Center.

Prior to joining Penn State Great Valley, Ms. Johnson was sales manager at the (Compro) Hotel in Bensalem and held several positions at the Holiday Inn Penn State in State College.

She is a 1986 graduate of Penn State and holds a B.S. in hotel, restaurant and institutional management.

Edward H. Klevans, professor and head of nuclear engineering, has been named acting dean for graduate studies and research in the College of Engineering.

Dr. Klevans serves as associate dean for research in the College of Engineering from 1980-84. He joined the engineering faculty in 1960 as an assistant professor of nuclear engineering and was promoted to professor in 1976. He was appointed head of nuclear engineering in 1987.

An internationally known expert in nuclear engineering, Dr. Klevans currently

serves on the National Academy of Sciences Committee on Future Nuclear Power Development.

He also continues active research in the areas of computer modeling of fusion devices. As project manager for the analysis of a new light water reactor system design, he directed the modeling and analysis of the Penn State Advanced Light Water Reactor Concept. Currently, he is project manager for a U.S. Department of Energy funded study on intelligent distributed control of power plants.

Dr. Klevans received a B.S. in electrical engineering from Penn State and his M.S. and Ph.D. in nuclear engineering from the University of Michigan. He came to Penn State from the Jet Propulsion Laboratory, Pasadena, Calif., where he was a senior scientist from 1962-66.

He is a Fellow of the American Association for the Advancement of Science and received the American Society for Engineering Education Glenn Murphy Award in 1977 for significant contributions to nuclear engineering education. He is a member of several honoraries, including Sigma Xi, Phi Kappa Phi, Tau Beta Pi, Sigma Tau and Phi Eta Kappa.

Daniel R. Leri has been appointed director of training and new business with the Ben Franklin Technology Center of Central and Northern Pennsylvania Inc.

Mr. Leri has been with the center since May, 1987, as a project director in training and new business. He assumed his new position in an acting capacity in January, replacing Arthur A. Heim, who was named director of industrial research at Penn State.

In his new position, Mr. Leri will develop interest and cooperation between higher education and business; develop education and training programs for business and industry; counsel new and existing businesses on creative financial and business plans, projects and new ventures; solicit colleges and universities to become involved in the center; develop proposals

for funding opportunities, and counsel county and regional industrial development corporations in developing Ben Franklin funding and attracting new technology-based businesses to their areas.

C. Robert Matthews, a member of the chemistry faculty since 1975, has been named the first Eberly Family Professor of Biotechnology, effective immediately.

The professorship was endowed as part of a \$10 million gift made to the University by the Eberly Family Charitable Trust of Uniontown in 1986.

"Professor Matthews is widely recognized for his work in protein engineering — the investigation of structural changes in biological molecules," Gregory L. Geoffroy, dean of the Eberly College of Science, said. "We're pleased that the professorship will give him additional support to pursue his work in this important field."

Dr. Matthews joined the Department of Chemistry in 1975 as assistant professor and was named associate professor in 1981 and professor in 1988. He was visiting professor at Stanford University's School of Medicine in 1983-84.

His research interests include the dynamics of structural changes in biological molecules in solution, particularly the mechanisms by which proteins fold to unique conformations. He also has conducted studies on the effects of single amino acid substitutions on this folding process.

Dr. Matthews earned a bachelor's degree in chemistry from the University of Minnesota in 1968 and holds master's and doctoral degrees in that field from Stanford University. He received the Research Career Development Award from the National Institutes of Health from 1981 to 1986. In 1987, he served as cochair of the Gordon Research Conference on Proteins. He is the author or coauthor of more than 50 articles in scientific journals.

The Eberly trust designated \$1 million to

create endowments supporting biotechnology. The College of Science received million-dollar endowments for an Eberly Family chair in each of its eight departments. The remaining \$1 million was designated to support teaching and research in science at Penn State Fayette Campus.

Janet R. Patterson has been named director of continuing education for Penn State Erie, The Behrend College.

Her responsibilities include extending training and development resources in Erie, Crawford and Warren counties.

She is a graduate of Saint Leo College, where she earned a bachelor's degree in sociology, and currently is a graduate student at Penn State.

Del Sweeney has been appointed special assistant to the executive vice president and provost. In this position, she will provide support to the Office of the President in the area of academic personnel matters, manage a variety of University-wide projects, and conduct special policy studies.

In 1988-89, Dr. Sweeney served as an administrative fellow in the Office of the President under the mentorship of William C. Richardson. From 1984 to 1989, she was a research associate at the Pennsylvania Transportation Institute, where she specialized in traffic safety issues. She joined PTI in 1977 as manager of the library and the publications program.

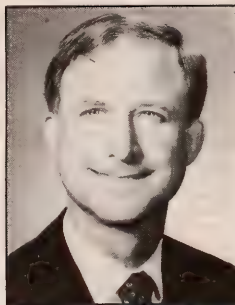
Dr. Sweeney received a B.A. from Brooklyn College, an M.S.L.S. from Wayne State University, and a Ph.D. in medieval history from Cornell University. She has taught at Queens College (CUNY), Winston-Salem State University, the University of Michigan-Flint, and Wayne State University. She has been active in the Special Libraries Association, serving as president of the Central Pennsylvania Chapter and editor of the *Transportation Division Bulletin*.



Charles F. Coleman



Edward H. Klevans



C. Robert Matthews



Del Sweeney

Management Services will host conference

Management Services will host the sixth annual conference of Cooperative ADABAS Users with College and University System (CAUCUS) April 22-25 at the Days Inn Penn State.

CAUCUS is comprised of 105 universities and colleges from the United States and several foreign countries, all of which use software products produced by Software AG, a West German vendor. Purpose of the annual conference is to enable users of SAG products to meet with each other and SAG representatives, to present papers on accomplishments, and to discuss items of mutual concern.

William C. Richardson, executive vice president and provost of the University; J. Gary Auguston, executive director, Computer and Information Systems, and Kenneth C. Blythe, director, Management

Services, will speak at the opening session. Robert W. Evans, director of student aid, will be the keynote speaker.

Management Services, which supports administrative computing at Penn State, uses the Software AG products on its mainframe computer to store, process, and

provide administrative data for departments throughout the University.

To register for the conference or for more information, call Jack Winter, conference coordinator, at Management Services, 863-3645.

IPO news

The Intellectual Property Office has announced that it has obtained patent coverage on a pediatric phototherapy diaper developed by Patricia Milner, nursing manager, Pediatrics/Pediatric Intensive Care Unit, Hershey Medical Center.

The phototherapy diaper is primarily designed to reduce the nursing labor associated with newborn infants having hyperbilirubinemia and to decrease the hospitalization time of such patients. The Hershey Medical Center plans to conduct clinical trials of the diaper to establish its efficacy.

Family issues

Family diversity issues dealing with mixtures of family forms and structures in an age when the traditional family no longer dominates is the theme of the sixth annual Celebrate the Family symposium now under way at Keller Conference Center, University Park.

Today's sessions run through 5 p.m. and include presentations by University faculty members Patricia Leach on celebrating family through stories, Louise Guernsey on being an effective parent educator and Barbara Davis on family issues in the middle years; and by Ron Daly, USDA Extension Service, on increasing personal effectiveness, and Christine Todd, University of Illinois, on the middle childhood years.

The symposium concludes at 12:30 p.m. Friday with a continuation of discussions from Thursday afternoon's sessions.

Promotions

Staff Exempt

Robert S. Barger to designer, electro/mechanical in Applied Research Lab.
Roger A. Garthwaite to senior project associate in research and Graduate School.
Eric E. Gheer to electronic designer in Engineering.
Harold F. Hahn to foreman, trades in Office of Physical Plant.
Ruthanna Hoffer to supervisor, professional billing at Hershey.
Joyce D. Keenan to director, operations and quality assurance in Academic Services.
Daniel D. Klees to designer, electro/mechanical in Applied Research Lab.
Rodney A. Kreuter to research engineer in Science.
Ursula Kulakowski to graphic design supervisor in University Art Services.
Edward E. Mills to director, client and campus services in Academic Services.
Sharon R. Pagano to physical sciences assistant in University Libraries.
Brenda L. Pavone to administrative assistant at Hershey.
Ruth Pfeueger to administrative assistant at Behrend College.
Robert E. Quinn to director of computer

services in Academic Services.
Frank J. Raymond to director, development Central Programs in Division of Development and University Relations.
Leroy M. Siebenrock to manager, physical facilities in Applied Research Lab.
Joseph M. Sindoni to project assistant in Engineering.
Lisa Sprouse to director, administrative service and program management in Academic Services.
Brownen Wagner to director, university scholarships and special programs in Academic Services.

Staff Non-Exempt

Kathleen M. Balz to clinical head nurse/ambulatory services at Hershey.
Rose M. Barnes to office coordinator at Hershey.
Todd K. Fetterolf to drafter/designer, electro/mechanical in Applied Research Lab.
Lee R. Gordon to facilities assistant in Science.
Curtis Krebs to photographer/printer in Commonwealth Educational System.
Carol Kuchta to licensed practical nurse, medicines at Hershey.

Mostafa Sheykhnazari to research technician at Hershey.
Jill A. Wolfgang to research technician at Hershey.
Sandra L. Arnold to licensed practical nurse/medicines at Hershey.
Carolyn H. Bibb to administrative aide at Hershey.
Janet M. Geesaman to licensed practical nurse/medicines at Hershey.
Jane A. Hamp to licensed practical nurse/medicines at Hershey.
Margaret Ann Hibbert to research technologist in Education.

Clerical

B. Jean Courter to secretary B in Liberal Arts.
Tina M. Coval to security clerk in Applied Research Lab.
E. Nan Edmonds to secretary B at Hershey.
Celine M. Gudecki to secretary A at Hershey.
Barbra Klinefelter to technical secretary B in Applied Research Lab.
Pamela S. Konta to clerk, insurance team at Hershey.
Betty Lachowski to secretary B at Behrend College.

Jennifer L. Lansberry to secretary B in Applied Research Lab.
Gloria J. Olson to secretary B in Housing and Food Services.
Judith A. Perry to secretary B at Hershey.
Kimberly A. Ripka to senior accounting clerk in Agriculture.

Technical Service

Kim M. Erb to operating room assistant at Hershey.
Kevin D. Farling to food service worker A in Housing and Food Services.
Carol L. Hulst to photographic reproduction processor in Office of Business Services.
Helen G. Robison to food preparer A in Housing and Food Services.
Margaret A. Rome to escort service aide at Hershey.
Deborah J. Smith to janitorial worker B at Altoona Campus.
Dennis Smith to maintenance mechanic A in research and Graduate School.
James F. Sosa to maintenance mechanic B at Hazleton Campus.
Willie Williams to maintenance worker (general) B at Delaware County Campus.

Faculty/Staff Alerts

Holiday schedule

The Memorial Day Holiday will be observed officially by the University on Monday, May 28. Independence Day falls on Wednesday, July 4. Classes will not be in session on either of those days.

Updating resumes

If you apply for one of the University's listed position vacancies, it is very important that you have an updated resume or biographical data form on file in the

Employment Division. When you apply for a position vacancy, an Employment Specialist will review whatever background data is on file. If the background data is not accurate and up-to-date, you may not receive appropriate consideration.

You can contact the Employment Division at any time and a form will be forwarded to you to update your background information. Or you can submit your own resume, if you wish.

Updating your background information is extremely important.

Obituaries

Helen D. Tunison, senior extension agent with Penn State Cooperative Extension, from August 1957 until her retirement July 1, 1983, died March 22 at the age of 66.

Mrs. Tunison, who served in Adams County, was promoted to senior extension agent in 1976. She earned a B.S. degree from the University of Connecticut, an M.S. in housing and design from Cornell University and an M.Ed. in general family studies from Penn State.

Before joining the Extension staff, she was an Extension home economist in New

York and taught high school in Pennsylvania. She received the Distinguished Service Award from the National Association of Extension Home Economists in 1965.

Margaret E. Stine, food production worker, Housing and Food Services, from May 10, 1956, until her retirement May 1, 1971, died April 3. She was 80.

Cheryl L. Wellar, clerk data processing A, Housing and Food Services, since Nov. 11, 1988, died March 24. She was 29.

Focus on the arts

(Continued from page 4)

at 11 p.m. Wednesday, April 25, in Room 4 Carnegie.

For more information, contact Festival coordinator George Yatchisin at 863-0863.

Art history lecture

Allan Braham from the National Gallery in London will present the lecture "Bernini's Architectural Legacy in Rome" at 8 p.m. Tuesday, April 24, in 112 Walker Building at University Park.

The lecture will be the final presentation in the series "The World and the Italian Architect: Native Images and Reflections Abroad," sponsored by the Department of Art History and the Institute for the Arts and Humanistic Studies. The series honors Helmut Hager, head of the Department of Art, and the lectures will be published next year as Volume VII of the Papers in Art History from The Pennsylvania State University.

Mr. Braham will discuss the influence the Italian Baroque architect and sculptor Gian Lorenzo Bernini had on future generations in the century following his death in 1680. Keeper at the National Gallery in London since 1978, Mr. Braham has organized and directed exhibitions on the Working of the National Gallery, Velasquez, Giovanni Battista Moroni, Italian Renaissance Portraits and El Greco to Goya.

Odyssey on WPSU

The science fiction novel *The Calcuthyn* is "an amazing collation of information and imagination," says Leonard Rubinstein on the next edition of "Odyssey Through Literature."

The novel, written by Ernest Pollard, Evan Pugh professor emeritus of biophysics, takes as its premise that a group

of average, ordinary Americans, unusual only in the depth of their fanaticism, is capable of assembling, delivering, and exploding a nuclear bomb over the Tri-Borough Bridge in New York City.

The Calcuthyn then works out, in precise and horrifying detail, the consequences of that action. "I have described what would happen," says Dr. Pollard, whose scientific research centered on the effects of radiation on a cell, "and I haven't pulled back."

"Odyssey Through Literature" is produced by the Comparative Literature Department and airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Concert White Band

The Penn State Concert White Band will present its 14th annual spring concert at 6:30 p.m. Wednesday, April 25, in the Ballroom of the Hertz Union Building at University Park.

The band is conducted by O. Richard Bundy, assistant professor of music education in the School of Music and academic director of the Penn State Blue Band. He will be assisted by Arthur Belfiore, a graduate assistant in the School of Music.

New Music

Penn State composers will present a program of New Music at 8 p.m. Wednesday, April 25, in the Recital Hall of the Music Building at University Park.

The concert will feature world premieres of pieces by Andrew Carroll, Linda Lowe, Philip Silvey and William Tilghman, graduate students in the School of Music, and Kenneth Yarmey, a music undergraduate in the school.

The compositions are scored for a variety of instrumental groups, including two flutes

and two marimbas, and four French horns. Two composers have written settings for voice and piano and voice, violin and piano. The second half of the concert will consist of a cantata for chorus, soloists and orchestra.

Organ performance

Organist Susan Scott will perform in concert at 12:10 p.m. Thursday, April 26, in Eisenhower Chapel at University Park.

The 20-minute performance will be the final concert of the spring Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The program will include works by Buxtehude, J.S. Bach and Alain.

New York play

"My Name is Pablo Picasso," by Australian playwright Moby Gage, who holds a joint appointment in the Department of Theatre Arts and the School of Communications, will preview at the South Street Theatre on 42nd Street West in New York City from April 27 to its opening on May 5. It will run through May 20.

The play encompasses Picasso's life from youth through each of his periods to death. Tickets are \$15 and can be purchased by calling (212) 279-4200, now through May 20.

Two buses will go from New York from State College for the May 6 performance, to return that evening or on May 7. The cost is \$35 to go up and back on May 6; \$40 to return on May 7. The price includes one ticket. Individuals should make their own hotel reservations.

For more information on the bus trip, call Gillian Bibicos-Albinski at (814) 466-2093.

Shakespeare Festival

The Department of English is now accepting reservations for a weekend of plays at the Stratford Shakespeare Festival in Stratford, Canada, July 20-23.

Students, faculty, staff and area residents are welcome to join the excursion.

Theatergoers may purchase Plan A, \$190 for tickets to three plays, or Plan B, \$220 for tickets to four plays. The price of the tickets includes lodging in Stratford and round-trip transportation in University vans.

Vans will leave the Fleet Services Building on the University Park Campus at 7:30 a.m. Friday, July 20, and return to campus at 7 p.m. Monday, July 23.

A down payment of \$25 is required with each reservation, and full payment is required by June 8.

Audio-Visual Services

Two videotapes concerning the history of English script are now available for classroom use from Audio-Visual Services.

English Handwriting in the Dark Ages (24402.VH) is an introduction to English paleography illustrated with manuscript samples from the 7th through 12th centuries. *The Making of a Manuscript* (35919.VH) presents an overview of the materials and processes that were involved in the production of medieval manuscript books.

These programs are available at no charge to University faculty and staff members. At University Park, call 865-0913 to make arrangements for a preview showing. At a Commonwealth Campus, contact the campus instructional services specialist for more information.

New facility is dedicated at Penn State Wilkes-Barre

Northeastern Pennsylvania's economic development progress received a boost April 5 with the formal dedication of the region's newest, state-of-the-art engineering technology education facility - the new Center for Technology at the Penn State Wilkes-Barre Campus.

Understanding and managing technology are among the most important challenges we will face in the next century," President Jordan told the ceremony of more than 300 Penn State supporters at the ribbon cutting. "This new facility, which houses state-of-the-art engineering and engineering technology laboratories, will enhance technology education opportunities for the people of Northeastern Pennsylvania and help them prepare for the future."

Dr. Jordan was joined in the ceremonies by campus executive officer James H. Ryan, William Harral, vice president of external affairs and chief financial officer of Bell of PA; Plymouth attorney Michael Hudacek; and John N. Conyngham III, chairman of the campus Advisory Board.

A community campaign, headed by Mr. Hudacek, raised \$2.8 million toward the \$3.8 million cost of construction. The building is named in honor of Bell Atlantic Bell of PA, which made the lead gift to the

campaign of more than \$600,000.

"The Center is important to all of us in the Wilkes-Barre area and around the state, because it represents an attempt to address problems of vital importance - the challenge of educating today's young people to meet the needs of the future," Mr. Harral said.

Dr. Ryan said the Center for Technology will enable us to improve our delivery of technology courses and also meet the technological needs of the business and industry of Northeastern Pennsylvania.

"I was pleased to learn that this facility and its educational programs were identified as priorities in a study conducted by a committee addressing economic growth in this region," Dr. Jordan added. "We appreciate this recognition that Penn State is an important resource for business and industry and an important partner in the continuing economic development of the state."

The Center for Technology houses laboratories in biomedical equipment technology, telecommunications technology, electrical and mechanical engineering technology and surveying technology. It includes a teleconference auditorium for satellite conferences and an astronomy dome.



Members of the Penn State Wilkes-Barre Advisory Board look on as President Jordan and Penn State Wilkes-Barre Campus Executive Officer James H. Ryan cut the ceremonial ribbon in front of the new Penn State Wilkes-Barre Center for Technology. From left are Mark Sobczek; Thomas Robinson, director of development; Pauly Friedman; John N. Conyngham III, chairman of the campus Advisory Board; Dr. Jordan; William Harral, vice president of external affairs and chief financial officer, Bell of PA; Michael Hudacek, campaign chairman; Dr. Ryan; G. David Gearhart, senior vice president for development and university relations; E. J. Shaffer, Student Government president; Abram Nesbitt III, and Walter Wood.

Obituaries

William E. Kistler, bookstore manager, Penn State Harrisburg, from July 1, 1968, until his retirement June 29, 1985, died

Dec. 28, 1989. He was 66.

Lisa K. Allen, secretary C in the College of Science, since Nov. 19, 1985, died March 20 at the age of 24.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304). Applications for these staff vacancies will be accepted until April 26. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment practices (PS-1) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

• **Applications Programmer/Analyst, Computer and Information Systems, Management Services, University Park Campus** - Responsible to the designated project leader for conducting analyses of data processing and customer concerns, determining detailed systems problems, and preparing computer programs to satisfy desired end results. Assist in providing direction and control within specifications of project schedules. Requires bachelor's degree, or equivalent, in basic computer systems plus one to two years of effective experience in computer programming and analysis. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1990, WITH PROBABILITY OF RE-FUNDING. STAFF GRADE 6.

• **Programmer, Computer and Information Systems, Management Services, University Park**

Campus - Principal duties include design, code, test, debug and document new and existing applications programs; provide estimates of time and resources needed to perform programming tasks; prepare program and system test data to validate programs; assist in system implementation. Requires bachelor's degree, or equivalent, in computer science or related field, plus six to nine months of effective experience in computer programming. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1990, WITH PROBABILITY OF RE-FUNDING. STAFF GRADE 5.

• **Assistant Financial Aid Coordinator, Academic Services, Office of Student Aid, University Park Campus** - Responsible to the director, Client and Campus Services, for assisting in designing, creating, and maintaining Client Service procedures, working with students, parents and other offices and agencies with financial aid matters and assuming responsibility for other related aid administration functions. Requires bachelor's degree, or equivalent, plus one to two years of effective experience in area applicable to aid administration. Excellent interpersonal skills are required. STAFF GRADE 5.

• **Admissions Counselor II, Division of Undergraduate Programs, Admissions Office, University Park Campus** - Responsible to the director, Admissions Services and Management, for general assistance in handling of the more complex Admissions matters in an assigned functional area. Participate in and administer admissions activities as assigned. Requires bachelor's degree or equivalent, plus one to two years of effective experience in educational administration or related field. Excellent Spanish and English oral and written communication skills required. STAFF GRADE 6.

• **Producer/Director, Program Production, CE5, University Division of Media and Learning Resources, University Park Campus** - Responsible to the executive producer for public affairs in the production of observational documentaries in WFSX-TV's Rural America Documentary Production unit. Requires bachelor's degree, or equivalent, in television/film production, broadcasting, journalism, or a related area plus one to two years of effective experience in television and film production. Knowledge of location EFP production techniques, one-inch and BET A editing (with time code) is necessary. Knowledge of observational documentary methods is desired. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1990, WITH EXCELLENT POSSIBILITY OF RE-FUNDING. STAFF GRADE 6.

• **Assistant Director, Religious Affairs, Student Services, Division of Student Programs, University Park Campus** - Responsible to the director, Religious Affairs, for the development and implementation of educational programs that take a non-parochial approach to issues of religion and society; and for the cultivation and coordination of programs and activities which focus on the needs of minority populations at Penn State. Requires master's degree, or equivalent, in divinity, religious studies, or related field with an emphasis in theology or ethics and African American religion plus up to 12 months of effective experience. Seminary background preferred. THIS IS A RE-ANNOUNCEMENT. PREVIOUS BIDDERS NEED NOT RE-APPLY. STAFF GRADE 6.

• **Biostatistician, The College of Medicine, The Center for Biostatistics and Epidemiology, The Milton S. Ewenby Medical Center** - Responsible to the director, Center for Biostatistics and

Epidemiology, for computerized data management and statistical analysis programming in support of the biomedical and biostatistical research activities of the Center. Requires bachelor's degree, or equivalent, in mathematics or statistics plus one to two years of effective experience. STAFF GRADE 5.

• **Director of Student Programs and Services, Shenango Campus** - Responsible to the campus executive officer for the overall organization and administration of the student programs and services at the campus including student activities, student health, placement, career development, recreation/athletics, financial aid, cultural programming, minority programs, retention programs, and others where appropriate. Requires master's degree, or equivalent, in an appropriate discipline, plus three to four years of effective experience with student affairs administration. An earned doctorate preferred. THIS IS A RE-ANNOUNCEMENT. PREVIOUS BIDDERS NEED NOT RE-APPLY. STAFF GRADE 8.

• **Customer Service Representative, Office of Physical Plant, University Park Campus** - Responsible to the senior customer service representative for physical plant/customer liaison. Obtains project details following project requests from customers. Prepares estimates identifying necessary manpower and materials. Coordinate and schedule facilities, designs, materials and trades with both customer and Office of Physical Plant personnel. Requires associate degree or equivalent technical training such as an apprenticeship in a building trade, plus two to three years effective experience in estimating construction and maintenance work for the building trades. Public relations skills essential. STAFF GRADE 6.

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7517.

William E. Campbell Jr., Editor
Deborah A. Benedetti,
Assistant Editor
Kathy Garman, Calendar

April 19, 1990
Vol. 19, No. 30

CARD CATALOG

The removal of the University Libraries card catalog from Pattee Library will take place this summer. See story on page 3.

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President Jordan's statement on problem of sexual assault

Following is a statement from President Jordan, in conjunction with National Victim's Rights Week being celebrated this week.

The problem of sexual assault is a concern here and on campuses nationwide. Documentation suggests that one woman in eight is sexually assaulted while attending one of our nation's colleges or universities. Most of these assaults are committed by acquaintances of the victim. These behaviors reflect abhorrent attitudes toward women and are especially disturbing and unacceptable in a university environment dedicated to the ideals of collegiality and mutual respect.

The results of such acts are highly disruptive to the academic careers of most victims. However, no member of our University community, regardless of gender, remains unaffected by this problem. As educated individuals, we must share, in common, a concern for

the well-being of other persons, which includes respect for their individual rights and personal dignity.

Penn State's policy on sexual assault and abuse provides that the University will pursue the strongest disciplinary action in any and all instances where it is confirmed that the policy has been violated. We do not tolerate sexual assault or abuse of any kind, including acquaintance rape. Such acts degrade the victims, our campus community, and society in general. While the University cannot control all the factors in society that lead to sexual assault and abuse, the University strives to create an environment that is free of such violence.

Violations of University policy on sexual assault and abuse will result in disciplinary action, which may include suspension, dismissal, or expulsion.

The University response to the sexual assault and abuse problem also has included educational programs for students and support services for victims of sexual

assault. Programs and services provided include fully subsidized medical examinations for assault victims, advocacy services through the Victim/Witness Advocate in the Office of University Safety, counseling services available through Counseling and Psychological Services staff, and counseling services and educational programming through the Center for Women Students.

The University's policy and all related efforts are designed to reduce substantially and — ultimately — eliminate the incidence of sexual assault on campus and ensure a climate of personal safety. The task is a large one and the accomplishment of these aims requires the cooperation of all members of the University community. Please make a personal commitment now to work to create a violence-free environment at Penn State.

— Bryce Jordan

PENN STATE



INTERCOM

April 26, 1990

Volume 19, Number 31

Information submitted for publication in *Intercom* is due by noon on the Thursday before publication.

Dr. Jordan outlines challenges facing next president

President Jordan outlined the challenges facing the University's next president during his last address to the University Faculty Senate on April 17.

Those challenges include continuing the study of the liberal arts and fine and performing arts, carrying on the nurturing of town/gown relations, increasing the level of state funding and continuing to encourage diversity at the University, Dr. Jordan said.

He also pointed to the need for a strategic facilities plan for the state government, which has approved nearly \$300 million in capital projects for the University. However, the state has yet to release the funds. Another \$177 million in requests will be made for 1990-91, Dr. Jordan added.

Another area of concern to the next University president will be striking a balance between teaching and research, both of which are vital components to a great university, Dr. Jordan said.

He noted that a forthcoming Carnegie report will extend the definition of scholarship beyond original research to include organizing, applying and disseminating knowledge.

At the same time, the concept of college teaching is changing as more and more nontraditional students swell the ranks of institutions. By the end of the decade, he said, at least 60 percent of students will be "older."

These nontraditional students often are location-bound, but still require the opportunities for lifelong learning. The University is in an ideal position to respond to these changes through its statewide system of campuses.

Dr. Jordan also talked about the predicted shortages facing facilities and the market pressures that could affect the University's commitment to faculty quality.

He thanked the Senators for their commitment and caring and said Penn State's Senate is "the best I have ever encountered."

Dr. Jordan will retire Aug. 31. The Board of Trustees' Presidential Selection Committee currently is interviewing candidates. Thomas L. Merritt reported.

Dr. Merritt, who chaired the 15-member Presidential Search and Screen Committee, is participating in the selection process, at the invitation of the Board of Trustees.

He said the search and screen committee secured 162 nominations/applications from 42 states, the District of Columbia and Canada. The group included 22 women and seven minority candidates. The committee forwarded five to 10 names to the Board of Trustees March 1, he said.

In other action, the Senate — approved a recommendation to have spring break occur between the eighth and ninth weeks of the semester, rather than between the seventh and eighth weeks as currently scheduled. The Committee on Admissions,

(Continued on page 3)

Digital Corp. provides \$2.5 million grant for libraries

Digital Equipment Corp. has made a \$2.5 million grant to the University Libraries for computer equipment that promises to

revolutionize information sharing. The new VAX 9000 mainframe and other equipment will enable the Libraries to

implement a significant upgrade of the Library Information and Access System (LIAS) electronic catalog. With the new computing power, for instance, 800 users will be able to access LIAS simultaneously, compared to the current 320-user capacity.

"We are delighted by this recognition of the strengths and computing potential of our Libraries," President Jordan said. "Digital's valuable contributions are helping to develop the library of the future at Penn State. Massachusetts-based Digital is the leading supplier of networked computer systems and services. Founded in 1957, the company has offices worldwide, including one in State College, and more than 125,000 employees.

"Linking information resources, regardless of their physical location, is critical to the success of all large research universities," William R. Johnson Jr., Digital's vice president of telecommunications and networks, said. "With this grant, Penn State becomes the first educational institution in the world to implement a major administrative application using a Digital VAX 9000 mainframe computer," noted Mr. Johnson, who received a bachelor's degree in electrical engineering from Penn State in 1963.

The company's VAX line is well known to scientific researchers, and Digital computers are used in communications, education, data analysis, commercial data

processing, graphic arts, word processing, personal computing, health care, engineering and simulation.

Penn State's LIAS, made available to the public in 1983, was designed to be used even by people who had minimal computer knowledge. In 1984, "dial-up access" by telephone modem was provided, making LIAS one of the first library systems in the nation to offer online catalog services to users not physically present in the library. "LIAS has become a major information tool for the entire University at all its locations," Nancy Cline, dean of the University Libraries, said. "It is a critical asset to every academic program, every campus and college. As a result of this grant, we envision LIAS expanding to provide greater support for the Libraries' operations and improve user services."

In a related effort, last November, Digital

(Continued on page 3)



Discussing Digital Equipment Corporation's grant to the University Libraries are, from left, Eric Ferrin, director of Libraries Computing Service; William R. Johnson, Digital's vice president of telecommunications and networks; and Nancy Cline, dean of the University Libraries.

Included in this edition of *Intercom* is a special insert devoted to The Campaign for Penn State.

Focus on Diversity

Educational Partnership Program students visit

Twelve-year-old Victor Martinez of Reading, proclaimed last week that he will study hard and never forget his visit to Penn State as Head Football Coach Joe Paterno autographed the sleeve of his baseball jacket.

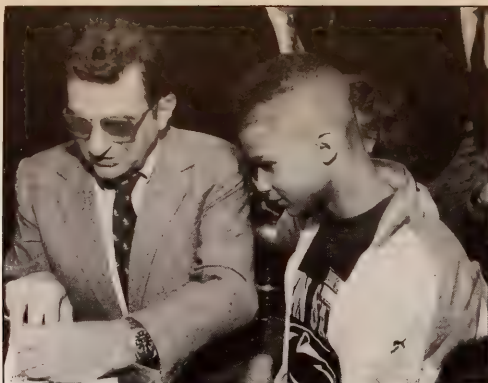
"I'm not wearing this jacket anymore except to show my family, friends and neighbors. I'm going to keep it forever and show my grandchildren," said an inspired Martinez, who was celebrating his 12th birthday.

He was one of 40 Reading and Pittsburgh area students visiting University Park as participants in the University's Educational Partnership Program (PEPP) in Reading and McKeesport. The program is designed to encourage at-risk minority middle-school students to complete high school and set further educational goals.

"This was so interesting and exciting I want to come back to Penn State and study chemistry and science," said Martinez after a brief speech by Coach Paterno.

Coach Paterno took time out from his Blue-White intersquad football game preparations to meet the youths at Penn State's Football Hall of Fame, because encouraging education is a priority, he said.

"I have been fortunate in my life. When I was young, I wasn't interested in an education and going to college. But people told me about the value of an education. I listened and believed them. I think you should believe in what these people are telling you too," he told the youth while



Coach Joe Paterno signs an autograph during a visit by 40 Reading and Pittsburgh area students. Photo: Dave Mengle.

motioning to PEPP counselors.

The students visited campus for three days in an effort to learn about college life. They stayed in residence halls, toured academic facilities, attended a computer workshop and met with several members of the Student Minority Advisory and

Recruitment Team. They also participated in a tailgate and attended the annual Blue-White football game.

"For many of them, this is their first time away from home. And they seem to really enjoy it. They especially like going for seconds in the dining halls," Aida

Rodriguez, Reading PEPP director, said.

"I know I will someday come back and play football," Justin Short, 14, of McKeesport, said. Aspiring to be a poet, Short visited with two of his Cornell Middle School football teammates, Antonio Nesbeth and William Gallagher. They also plan to attend college.

"This trip is a tremendous experience for these kids," Darrell G. Thomas, McKeesport PEPP director, said. "It's going to encourage them to go back to their schools, talk about the visit, set goals and become the envy of their friends."

The PEPP program in McKeesport, near Pittsburgh, was established last July. The University is collaborating with McKeesport Area School District and the Mon Valley Education Consortium to work with students beginning in fifth grade.

The PEPP program in Reading, was established in 1988. The University is collaborating with the Reading School District and Reading New Futures Project Inc. The Reading School District has nearly 12,000 students, 18 percent of whom are black and 33 percent of whom are Hispanic.

The Reading New Futures Project Inc. is comprised of educators and community and business leaders who are working to solve problems of young people at risk of not completing their high school education.

The visit to University Park is one of the many programs offered by the PEPP program.

The Campaign for Penn State

Raymond Shibley provides gift for professorship

University alumnus Raymond N. Shibley has established a \$250,000 professorship in the College of Health and Human Development for unique studies of how biological and behavioral processes together affect health.

The Jean Phillips Shibley Professorship in Behavioral Health is a major opportunity for a new program that will integrate scientific findings from many disciplines. The name honors Mr. Shibley's wife, who died in 1979. Mrs. Shibley graduated from Penn State in 1947 with a degree in health education.

"Ray Shibley has laid the keystone for exciting opportunities at Penn State," Dean Anne C. Petersen said.

"The major causes of death in the United States are no longer infectious diseases, but illnesses influenced by lifestyle and behavior—heart disease, cancer, stroke. The Shibley professor will guide the application of knowledge from the behavioral and biological sciences and help to develop innovative methods to maintain health and prevent illness."

The college, which will be three years old in July, is already a national leader in



Raymond N. Shibley

studies in behavioral health, according to Dean Petersen. Five faculty have been elected to the prestigious Academy of Behavioral Medicine Research. College researchers are mapping the influence of

stress on the body's endocrine system.

Other investigators are probing extraordinarily complex genetic relationships between genetics and behavioral factors in producing health or illness.

"I wanted to be a part of a program that promises to add quality to life. I am hopeful that this professorship will have a significant, long-term impact," said Mr. Shibley, who is a partner in the Washington, D.C., law firm of LeBoeuf, Lamb, Leiby and MacRae.

"I'm confident that the work at Penn State, now and in the future, will result in new discoveries and will enhance health and productivity for people everywhere. I also feel that those who benefited from an education here have an obligation to do what they can to expand the University's opportunities."

Mr. Shibley grew up in State College, where his father was a member of the Mathematics Department and his mother was a librarian at the University Libraries. He graduated from Penn State in 1947 with a bachelor's degree in commercial chemistry. His law degree is from Yale

University.

In 1986, Mr. Shibley gave \$250,000 to endow a professorship in mathematics in honor of his father, and he had previously endowed the Shibley Memorial fund in honor of his parents, wife and sister. This fund supports 12 scholarships in biology, health education, philosophy, theater, Blue Band, choir, psychology, mathematics, Middle East studies, library science, speech communication and preparation for the ministry.

Mr. Shibley received the Alumni Fellow Award in 1987 and the Distinguished Alumni Award in 1989. He serves on the executive committee of The Campaign for Penn State and as chairman of the regional major gifts effort for Washington, Virginia and Maryland.

Funding from such a professorship typically supports the research activities of the faculty member and may be used for such things as graduate assistant salaries, education and travel expenses and a salary supplement. Named faculty positions facilitate the recruitment or retention of eminent scholars who might otherwise accept appointments at another university.

Keck Foundation makes fluid mechanics grant

The W.M. Keck Foundation has granted \$165,000 to support the fluid mechanics laboratory, the only mathematics department-based facility of its type in the United States.

Space for the laboratory will double and new equipment will be installed, enabling it to accommodate a growing research program that includes studies of ocean waves, reservoir dynamics and sediment transport.

The Los Angeles-based W.M. Keck Foundation, one of the nation's largest foundations in terms of annual grants, was established in 1954 by the late William M.

Keck, founder of the Superior Oil Co. Its primary focus is on grants to universities and colleges throughout the United States, with particular emphasis in science, engineering and medical research.

With the foundation's help, the fluid mechanics lab will acquire a high-pressure wave channel to allow researchers to generate water waves. A stratified flow tank that can simulate wave motions beneath the surface in reservoirs and lakes also will be installed.

The laboratory is under the direction of Jerry L. Bona and William G. Pritchard, professors of mathematics, and T. Brooke

Benjamin, adjunct professor of mathematics.

Dr. Pritchard said the wave channel will be about 45 feet long and constructed to millimeter accuracies. It can be equipped with a glass beach and will be used for several studies, including one on how waves lose energy when they run up on beaches.

"Ocean waves lose their energy through the combination of the frictional effects of the sea bottom and breaking before they hit the beach," he said. "But it appears that most of the energy in waves is absorbed through friction on the bottom, which is quite surprising. People hadn't realized this

until a few years ago. Results of the studies could be valuable to engineers trying to find ways to protect harbors and beaches.

The stratified flow tank will enable Dr. Pritchard to expand his studies of internal waves—movements beneath the surface that arise in the presence of different temperatures or densities in lakes or reservoirs. These studies, he said, might be useful in dealing with a reservoir that had been contaminated.

The expanded facility will enable more students to participate in the research program.

Distinguished coal scientist to deliver Given lectures

Anna Marzec, a distinguished coal scientist from the Polish Academy of Sciences, will deliver the inaugural series of Given Memorial Lectures in the College of Earth and Mineral Sciences and meet with faculty and students in fuel science from April 30 to May 4.

Dr. Marzec will speak on "Field Ionization Mass Spectrometry of Complex Biogenic Materials: Inferences for Coal Studies" at 3:30 p.m., April 30, in Room 301 Steidle Building, University Park. She also will lecture on "Mobile Phase: Its Origin, Nature and Role in

Thermoplastic Behavior and Reactivity of Coals" at 9 a.m., Wednesday, May 2, in Room 115 Academic Projects Building, and on "Coal Reactive Sites Involved in Pyrolysis and Liquefaction: A Study of Field Ionization Mass Spectrometry and Statistical Evaluation of Coal Data" at 9 a.m., Friday, May 4, in Room 115 Academic Projects.

Dr. Marzec, professor of fuel science in the Polish Academy's Institute of Petroleum and Coal Chemistry, is internationally noted for her research into the molecular structure of coal. She holds two awards

from the Polish Academy of Sciences for her scientific contributions to coal research and an award from the Polish Ministry of Education for her earlier work in the area of petroleum geochemistry. She holds her graduate degrees from the Silesian Technical University, where she was a member of the faculty from 1954-69. She previously visited Penn State and worked with Peter H. Given in 1975.

The Given Memorial Lectures have been established to honor the memory of Dr. Given, a member of the University faculty from 1961-85 whose research into the

geochemistry, molecular structure and organic reactions of coal gained international recognition. Dr. Given died in England in 1988.

The lecture series, endowed by friends, colleagues and industry, will be administered by the Fuel Science Program in the Department of Materials Science and Engineering. Each year a leader of the coal science community will present open lectures on current research topics and participate in informal discussions of coal science with faculty and students.

Communications Ph.D. program is ranked

The School of Communications offers one of the nation's top 20 Ph.D. programs in communications, according to a newly published survey of Broadcast Education Association members.

Penn State's program rated 19th overall in the survey of communications faculties nationwide, sponsored by the Association for Communication Administration.

The top-rated program was the University of Pennsylvania's Annenberg East School of Communications. Also representing Pennsylvania was Temple

University, which rated 18th overall.

"Given that we have few students in our interdisciplinary Ph.D. program, I view this report as a massive vote of confidence from our colleagues," says Brian N. Winston, dean of the School of Communications. "Our ranking constitutes a welcome reflection of the scholarly reputation of our faculty."

The school ranked seventh in broadcasting and film criticism, 13th in communication research on theory and methodology, and 14th in international communication.

Census director will speak at conference

Barbara E. Bryant, director of the U.S. Bureau of the Census, will be the keynote speaker for the first Pennsylvania State Data Center User Conference and Expo to be held Tuesday, May 22, at the Hershey Lodge and Convention Center.

Dr. Bryant, the first woman to head the Census Bureau, will speak at 12:45 p.m. She was appointed to the post earlier this year, and her first duty was to oversee the operation of the 1990 census.

The Pennsylvania State Data Center, located at Penn State Harrisburg, was

established to improve access to and use of statistical resources available from the Census Bureau and other sources.

Its first user conference will cover such topics as the 1990 census, 1987 economic censuses, foreign trade data, local population estimates and demographics, economic and labor force trends.

University guest speakers include Robert Surridge, Gordon De Jong, William D. Anderson, Berwood Yost and Ron Uroda.

For registration information, call Joan Campbell at (717) 948-0330.

Digital Corp.

(Continued from page 1)

gave Penn State and the University of California a grant to create a link between LIAS and UC's online catalog. The goal of this link is "seamless computing," whereby users can search the records of either system by using the familiar commands of their "home" system.

"In essence, LIAS users will have the resources of two major library systems at their fingertips," Dean Cline said.

While the full use of the VAX 9000's

considerable abilities to store and handle documents that contain text, graphics, images, voice and video is still in the future, the Libraries' computing staff predicts major benefits for academic programs.

On the horizon is a virtual global library that will let any authorized user with a personal computer, a modem, and a telephone "browse" through increasingly versatile and sophisticated university databases. One day soon, a scholar investigating Mozart's music will not only be able to obtain facsimile copies of the original music scores, but also will do so

while listening to computer-generated, CD-quality stereo renditions of the work and viewing life-size holographic images of the composer.

"The technological revolution in computing power, still in its infancy in many ways, doesn't mean books will disappear," Dean Cline said. "But we now know that we will have to balance traditional printed materials with an increasing number of electronic resources."

There are nearly 30 library facilities in the Penn State system. At University Park alone, more than 530,000 library holdings were circulated in 1988-89, a 23 percent

increase over the previous year. LIAS contains records for nearly 1.5 million titles from the Penn State collections, and records are continuously added for books, journals, manuscripts, archives, government publications, microforms, music recordings, audiovisual materials and computer files. On an annual basis, LIAS currently handles more than 10 million searches.

The Digital grant is part of The Campaign for Penn State, a six-year drive to raise \$300 million in private support. The Campaign, which ends June 30, had raised \$338 million as of March 31.

Senate

(Continued from page 1)

Records, Scheduling and Student Aid proposed that the change be made by spring 1992.

-- approved guidelines for consultation for football bowl invitations. The proposal recommends that the chair and vice chair of the Committee on Academic and Athletic Standards be consulted during University deliberation on bowl bids to ensure that conflicts do not arise over exams.

-- heard a report on parking from David E. Stormer, assistant vice president for safety and environmental health, who discussed the transportation and parking master plan prepared by Warren Travers.

Among the planned changes is a rate increase for some parking lots at University Park Campus beginning Sept. 1.

A \$12 fee will be instituted for lots located between Atherton Street and Shortlidge Road, including all Brown, Yellow, Green and Red lots (except for Red A and C lots), as well as for lots Blue C and K and Orange D, E, J, M and K (at Physical Plant Building). The fee increase will affect 44 percent of faculty and staff who park at University Park.

All other lots designated open and/or part-time will remain \$8 per month. Faculty and staff members who park in the areas covered by the fee increase will have the option of moving to an open lot.

In addition, an \$8 fee will be implemented at Penn State Erie, The Behrend College and the Hershey Medical Center in fiscal 1990-91, with other campuses implementing an \$8 fee in January or July 1991, Mr. Stormer said.

The parking registration fee increase at University Park, the first since fees were introduced Sept. 1, 1987, will help the Parking Office to keep pace with parking needs by providing a steady base of financial support for facilities and resources, he added.

The proposed zone parking system, which was criticized by the Committee on Academic and Physical Planning, will not be implemented without further study and consultation, Mr. Stormer said.

-- In response to the proposed zone system for parking, Senators approved a Senate Council resolution condemning the system "as detrimental to academic life at the University, and therefore, unacceptable." The resolution also asks that the Senate be involved in formulating transportation and parking plans.

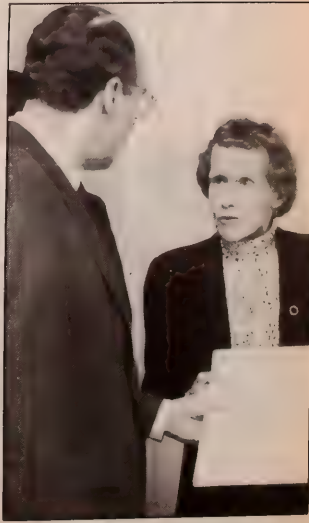
-- announced the results of recent elections for Senate offices and committees. Robert A. Secor, liberal arts Senator, was elected chair-elect, and James F. Smith, Ogontz Senator, was elected secretary.

-- heard a report on a study of promotion and tenure decisions made between 1983-84 and 1988-89 by William C. Richardson, executive vice president and provost.

-- heard a report on changes in the Code of Conduct

Standards by Patricia Peterson, assistant vice president for campus life.

-- approved by acclaim resolutions honoring President Jordan and Provost Richardson for their service to the University and contributions to the Senate during their tenures.



President Jordan (left) and William C. Richardson received gifts of resolutions from the University Faculty Senate at a reception following the April 17 Senate meeting. Making the presentation to Dr. Richardson is Janet Atwood, Senate chair.

University alumni, faculty and staff receive awards

Arts alumni honored

Four University alumni have been selected for the 1990 Alumni Achievement Award given by the Arts and Architecture Performing Arts Alumni Society.

The award honors alumni who have distinguished themselves in their profession. Alumni selected are: **Dianne Houseman Pilgrim**, art history; **Steven Moorehead**, landscape architecture; **Robert Fought**, music; and **Robert W. Wolff**, theater. They were honored April 20 at the college's spring awards ceremony.

Ms. Pilgrim is director of the Cooper-Hewitt National Museum of Design of the Smithsonian Institution in New York. She won the Charles F. Montgomery Prize for the most distinguished contribution to the study of American Decorative Arts published in the English language by a North American scholar for the Machine Age publication. She received her bachelor's in art history from Penn State, a master's degree from New York University, and has worked toward her doctorate at City University of New York.

Mr. Moorehead, principal of the firm Moorehead Fleming Corbin McCarthy in Toronto, Canada, has been involved in major design projects as diverse as Canada's first large-scale theme park, a mining community within the Arctic Circle and university housing in Saudi Arabia. He received his degree in 1962.

Dr. Fought, director of bands and professor of saxophone at the University of Nebraska at Lincoln since 1974, received his bachelor's in 1964 and his doctorate in 1971. He has transcribed works for concert band and appeared as guest conductor, clinician, adjudicator and soloist in the central United States and Canada.

Mr. Wolff is president of Artec Consultants Inc., an international acoustic engineering and consulting firm specializing in theater acoustics. His acoustics theater planning and project manager duties have included the Philadelphia Orchestra Hall, Cornell University Performing Arts Center, Alabama Shakespeare Festival Theatre, Royal Opera House Phase I and II Restoration in Covent Garden, London, and many others. He received his master's in theater in 1963.

Engineers honored

Entrepreneurs, corporate leaders, research engineers, professors and a three-star general are among the 12 engineering graduates who will receive the 1990 Outstanding Engineering Alumni Awards. The 1990 Outstanding Engineering Alumni are:

Eugene M. Bard, president and chief mechanical engineer of Bard, Rao + Athanas Consulting Engineers Inc., Boston,

Mass. Mr. Bard, a 1968 architectural engineering graduate, founded BR+A in 1975. The company designs medical, laboratory and scientific research facilities worldwide.

Michael A. Brunner, executive vice president of AT&T and chief executive officer of the AT&T Federal Systems Division, is a 1955 industrial engineering graduate. The Federal Systems Division, located in Washington, D.C., employs more than 5,000 individuals and generated 7% of the total AT&T revenues in 1988.

Edward B. Bryant is vice president and general manager of the Libbey-Owens Ford Co. Automotive Products Group and chairman of the board and chief executive officer of United L/N Glass Inc., Toledo, Ohio. A 1963 industrial engineering graduate, he oversees an annual budget of \$500 million.

William J. Douglas, vice president of Weston Information Management Practice, Weston Way, West Chester, Pa., received his master's degree in 1962 and his Ph.D. in 1966, both in engineering mechanics. Dr. Douglas develops and applies information management systems and technology to environmental problems.

Benson L. Dutton, a 1933 civil engineering graduate, retired from the U.S. Department of Health, Education and Welfare as director of federally assisted construction in 1970. Mr. Dutton also was a chief design engineer in Philadelphia and the first dean of the Tennessee State University School of Engineering.

Gerard M. Faeth is the Arthur B. Modine professor of aerospace engineering and head of the Gas Dynamics Laboratories at the University of Michigan. Dr. Faeth received his master's degree in 1961 and his Ph.D. in 1964, both in mechanical engineering. An internationally recognized leader in combustion research, he served on the Penn State faculty from 1964-85.

Arthur L. Glenn, a 1956 mechanical engineering graduate, is vice president and general manager of the GE Communications and Strategic Systems Division, King of Prussia, Pa. Mr. Glenn manages six AT&T systems, subsystems and component businesses representing more than 12,300 employees and annual sales of \$1.5 million.

Lee Strohl Gaumer Jr., technical director of Air Products Chemicals Inc., Allentown, Pa., is a 1948 chemical engineering graduate. Mr. Gaumer, a pioneer in cryogenics and provider of technical assistance to approximately 600 individuals, is the recipient of the 1990 Adolph Coors American Ingenuity Award.

Donald W. Hamer is the founder and president of State of the Art Inc., a microelectronics consulting firm in State College, Pa. A 1968 electrical engineering graduate, Mr. Hamer employs 90 people

who produce \$6,500,000 in passive components annually.

Harry C. Schell is president and chief executive officer of CableCor, and chairman of BRIntec Corp., both of New York, N.Y. The 1956 civil engineering graduate led the management buy-out of the Phelps Dodge Cable and Wire Co.'s power cable business to create CableCor, in 1984.

John Walker, associate dean for research in the University of Kentucky's College of Engineering, received his bachelor's and master's degrees in agricultural engineering in 1951 and 1958. Dr. Walker is an expert in environmental control in plant and animal structures.

Li Gen, John Yeosock is commanding general of the U.S. Third Army and deputy commanding general of FORCES Command, Ft. McPherson, Ga. The 1959 industrial engineering graduate is directly responsible to the chairman of the Joint Chiefs of Staff and oversees an annual budget of approximately \$5 billion.

Johnson fellowship

J. Marvin Bentley, associate professor of health economics at Penn State Harrisburg, has received a one-year fellowship from the Robert Wood Johnson Foundation for the program "Faculty Fellowships in Health Care Finance." He will be working at Johns Hopkins University.

"The fellowship is giving me the opportunity to meet people in government and research who are on the cutting edge of health care financing," Dr. Bentley said. "There is a shortage of people who understand how health care is paid for and how it is delivered. This fellowship is enabling me to develop a better understanding of health care financing and to obtain ideas for further research projects."

Dr. Bentley will be funded for research purposes for an additional 18 months upon his return to Penn State Harrisburg. He is among six fellowship recipients.

Dow Chemical award

Lance Collins, assistant professor of chemical engineering, is the first recipient of the Dow Chemical Company's Dow Young Minority Investigator Award.

Dr. Collins, who joined the Penn State faculty in April, will receive \$50,000 a year for three years to support his research in combustion. Prior to joining the faculty, Dr. Collins was a scientist at Los Alamos National Laboratory. He is a graduate of the University of Pennsylvania.

Steven Gordon, assistant professor of

education, has received the 1989 Outstanding Dissertation Award in the Supervision category from the Association for Supervision and Curriculum Development. The award is given each year to the dissertation that significantly advances the knowledge and understanding of educational theories, concepts, and practices.

McFarland Award

The 1990 McFarland Award of the American Society for Metals International has been awarded to **Norris B. McFarlane**, owner and president of the MacAlloy Corp., Charleston, N.C.

The award is presented annually by the Penn State Chapter of ASM to an outstanding alumnus of the Penn State Metals Science and Engineering Program. It was established in 1948 to honor the memory of David Ford McFarlane, head of the Department of Metallurgy from 1920 to 1945.

Dr. McFarlane, a 1934 graduate of metallurgical engineering, has had a long and successful career as innovator and corporate leader in the metal alloys industry. Since 1979, he has been president of MacAlloy, the leading U.S. producer of ferrochromium for the steel and alloys industries. He has been responsible for a number of technological innovations in ferroalloys and provides management and consulting services to ferroalloy industries worldwide through his firm Penn West Mineral Resources Inc.

Continuing education

A continuing education program to provide liberal arts courses, primarily for workers in a factory in rural Central Pennsylvania, has won two awards from the National University Continuing Education Association.

The program, designed for employees at Windfall Products Inc., St. Marys, has provided liberal arts courses to help workers enhance their critical thinking and communication skills. The company manufactures parts for the auto industry. It was coordinated by Jeff Speary, director of continuing education at the DuBois Campus, and William C. Loop, assistant to the dean of the College of the Liberal Arts.

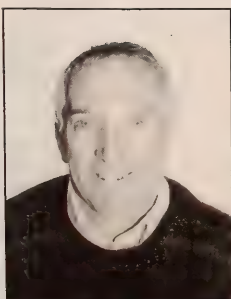
It won the first place award from the NUCEA Division of Rural Continuing Education and was selected as the runner-up for the Philip E. Franson Award for Creative and Innovative Programming.

Both awards will be presented during the national meeting of NUCEA in April in New Orleans.

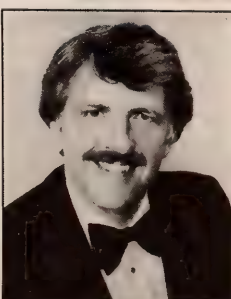
Last fall, the program won a first place award from Region II, NUCEA, for excellence in business/industry linkage.



Dianne H. Pilgrim



Steven Moorehead



Robert Fought



Robert W. Wolff



The Campaign for Penn State

President Jordan: We can all take pride

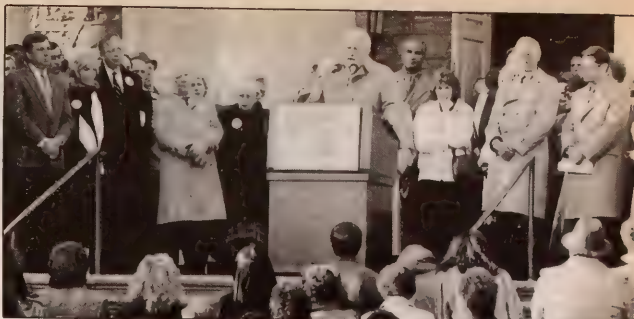
This special *Intercom* supplement surveys the history and results of The Campaign for Penn State. It is a story in which the University community can take considerable pride. The Campaign has had a positive effect on all of us.

We are, of course, indebted to the thousands of alumni and friends — individual and corporate — who have generously given us the resources we need to achieve and maintain academic excellence. Their philanthropy is both a reflection of pride in Penn State's achievements and a vote of confidence in your ability to make the University even greater.

But their generosity also is a response to the wonderful example you have set as faculty and staff donors and volunteers. You have proven that a university that supports itself is able to attract the support of others. Since the Campaign began on July 1, 1984, you have given or pledged more than \$4 million to a diverse array of academic programs. While final figures are not yet available for faculty and staff giving this year, indications are that commitments will exceed \$1 million.

Warmest thanks for your dedication to the University: it has been an inspiration to me. Your efforts have left an imprint that will be visible for generations to come.

Bryce Jordan



President Jordan congratulated Campaign volunteers on surpassing the \$300-million goal during a ceremony on the steps of Old Main Nov. 17, 1989.

More than \$350 million expected to be raised

Campaign is an overwhelming success

The Campaign for Penn State, the University's first comprehensive private fund-raising effort, has met with overwhelming success. By the time it concludes on June 30, the Campaign will have garnered more than \$350 million for scholarships, faculty endowments, teaching and research initiatives and a host of other academic programs. That support — raised over a six-year period — has helped Penn State secure its position as one of America's premier public research universities.

The beginning

In the decade or so prior to the Campaign, Penn State faced accelerating competition from both public and private universities for the best faculty, the ablest students, and the most valuable research contracts. Yet the University experienced chronic underfunding and found itself struggling to fulfill its land-grant obligation to make higher education available to all who qualified.

But there were positive signs. Penn State

developed a long-range plan, "Perspective for the '80s," in 1979 that recognized the need for increased private support. Influential alumni also urged more serious consideration of how philanthropy could help the University.

The selection of Bryce Jordan as Penn State's 14th president in 1983 set the stage for fund raising on a grand scale. Dr. Jordan saw that the University's overarching strategic goal — to rank among the nation's finest public research universities — could be achieved only with assistance from the private sector. Support from the University's many alumni and friends, including corporations, foundations and other organizations, would be used to enhance academic programs for which public appropriations were inadequate or unavailable.

The president coupled his outline of the University's needs to a plan of action: The Campaign for Penn State.

The Campaign

With Dr. Jordan as its architect, The Campaign for Penn State began on July 1, 1984. It aimed to raise \$200 million over five years.

Shortly thereafter occurred a singular act of generosity that foreshadowed its ultimate success — a \$5.5-million bequest from Homer Bradlock '06, to establish scholarships in the College of Science. Fundamental to the Campaign was a group of dedicated and energetic volunteer leaders. This leadership was secured in the fall of 1985 when William A. Schreyer, '48, chairman and chief executive officer of Merrill Lynch & Co. Inc., agreed to serve as Campaign chairman, assisted by vice chairmen Edward R. Hintz, '59, Frank P. Smeal, '42, and Joseph V. Paterno. Robert E. Eberly, '39, served as Campaign treasurer, and Robert W. Moore, '48, headed the Challenge for Annual Support. These leaders, along with Dr. Jordan and 25 distinguished and influential alumni,

formed the Campaign Executive Committee.

The Campaign's day-to-day operations were handled by the professional staff of the Division of Development and University Relations, headed by Senior Vice President G. David Gearhart.

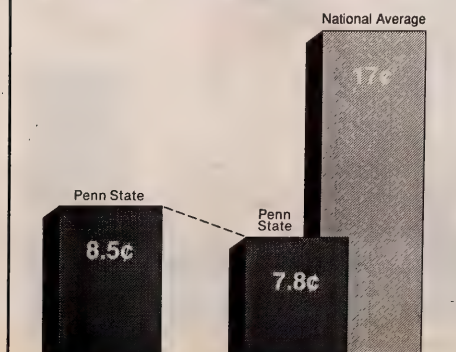
In April 1986, the Campaign received another tremendous boost when longtime Penn State supporters James and Barbara Palmer of State College gave \$3.5 million to expand the Museum of Art and endow a faculty chair in telecommunications.

In September 1986, with \$65 million having been raised in advance gifts, the Campaign was formally launched with a gala celebration for volunteers, donors and prospective donors.

The gala was a fitting prelude to the Nov. 13, 1986, announcement of a \$10 million gift from the Eberly Family Charitable Trust of Uniontown. The contribution included the creation of eight faculty chairs, each with a million-dollar endowment, which were used to recruit

Continued on page 2

The Cost To Raise A Philanthropic Dollar At Penn State



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"The Campaign for Penn State" is published by the Office of Public Information as part of the April 26, 1990, edition of *Intercom*, 312 Old Main, 865-7517.

It has been compiled and designed by Michael Dezilla, Doug Stanfield, William E. Campbell and Deborah A. Benedetti.

Campaign for Penn State is successful

(Continued from page 1)

some of the world's leading scholars in such fields as microbiology, astronomy, mathematics, and chemistry. Million-dollar endowments also were designated for biotechnology and Penn State Fayette Campus.

Meanwhile the Campaign began to assert a truly national character. In March 1987, the National Campaign Committee's Regional Major Gifts effort, designed to secure gifts above \$10,000 in 15 geographic regions from coast to coast, was introduced under the direction of Edward R. Hintz. This program involved about 225 volunteers who made personal solicitations on behalf of the Campaign and eventually raised more than \$13 million.

Six months later, the Challenge for Annual Support was launched, led by Robert W. Moore. The Challenge, which aimed to secure gifts up to \$10,000, included a number of components. The Community Challenge enlisted the participation of residents in the State College and Bellefonte areas, while the Faculty and Staff Challenge gave employees at all Penn State campuses the opportunity to participate in the Campaign.

Undergraduates and graduates conducted a variety of fund-raising events as part of the Student Challenge. And through Telefund, student callers invited more than 100,000 alumni and friends annually to join the Campaign.

Still another component, the Regional Challenge, mobilized hundreds of Penn State alumni to lead Campaign efforts in 35 metropolitan areas nationwide.

Giving at the grass-roots level complemented an impressive series of major gifts, highlighted in the spring of 1988 by a \$2 million contribution from Board of Trustees President Lloyd Huck, '43, and his wife, Dorothy, of New Vernon, N.J. They designated their support for biotechnology, the University Libraries and a faculty chair in medicine.

Goal increased

As the Campaign approached the \$200-million threshold more than a year ahead of schedule, its leaders saw an unprecedented opportunity to capitalize on the momentum it had generated. In May 1988, with the approval of the Board of Trustees, the Executive Committee increased the goal to \$300 million and extended fund raising another year. The Campaign for Penn State became one of the five largest capital campaigns ever undertaken by an American public university.

There was seemingly no end to the good news. Early in June 1988 came the \$6 million gift of Deerfield - the Philadelphia-area estate of trustee emeritus H. Thomas



Dr. Jordan told the Campaign Executive Committee in April 1989, including Campaign Chairman William A. Schreyer, left foreground, that "the Campaign is far from over. Much needs to be done in this final year."

Hallowell - to the College of Agriculture. On June 30, Penn State was able to report that for the first year in its history, it had raised more than \$50 million. Having secured \$50.2 million, it also entered the ranks of the "top 10" public universities in total annual philanthropic support.

Contributions increased 10 percent the next fiscal year to \$55.2 million - five times the level of private support Penn State had attracted at the beginning of the decade. Thanks to the dedication of more than a thousand volunteers and the generosity of Penn State alumni and friends, the Campaign was ideally positioned for its sixth and final year.

The long-awaited day arrived - Nov. 17, 1989. Speaking on the steps of Old Main, Chairman Schreyer proudly proclaimed "We did it!" and announced the Campaign had surpassed its goal more than seven months ahead of schedule. Gifts and pledges totaled \$308 million!

The Campaign went over the top in typical Penn State style, roaring past its goal on the strength of a \$10-million commitment from Frank and Mary Jean Smeal of Rumson, N.J., and New York City. The Smeals designated their gift to create endowments in the College of Business Administration.

The Campaign's final months have been anything but anticlimactic. In January, the Hucks made a \$5 million commitment to endow four faculty chairs and a graduate fellowship fund. In February came news of a \$7 million gift from Executive Committee member William E. Leonhard, '36, and his wife, Wyllis, of Los Angeles, to be used in part to establish a center for engineering education in the College of Engineering. These and the more than 570,000 other gifts and pledges Penn State had received

during the life of the Campaign assured the University of a bright future.

Results

The Campaign's success is best measured not by the gifts it received, but rather by its impact on Penn State's academic enterprise.

The faculty are the heart of the University. Penn State's teachers and researchers, already recognized worldwide for their quality and productivity, will become even more renowned with the resources the Campaign has given them. More than \$50 million in Campaign giving increased endowed faculty positions from 19 to more than 120. New endowments will strengthen instruction and support research in fields as varied as cocoa genetics, oil recovery, biotechnology, entrepreneurial studies, nutrition and teacher training.

The University's commitment to cultural diversity also grew stronger because of the Campaign. Minority students in Pennsylvania's urban public schools, for example, will benefit from \$1.2 million in scholarships and related assistance through the Penn State Educational Partnership program. Campaign gifts also created a million-dollar endowment for a chair in Jewish studies in the College of the Liberal Arts.

As Penn State continues to attract eminent scholars to its faculty, the caliber of instruction has steadily risen. First-rate teachers inevitably attract first-rate students. In addition, students will reap enormous benefits from the more than \$40 million in Campaign contributions earmarked for scholarships, graduate fellowships and similar kinds of endowed aid. These awards

are providing the crucial resources that have enabled many students to obtain higher education.

Both faculty and students are benefiting from the \$6 million raised for the University Libraries. Especially noteworthy are the Libraries' first endowed faculty chair (in special collections) and the Paterno Libraries Endowment, which supports acquisition of books and other materials at 21 Penn State campuses. In one of the Campaign's largest corporate gifts, Digital Equipment Corp. gave \$2.5 million in computer hardware and software that positions the Libraries for national leadership in information retrieval.

The Campaign has enhanced the "hardware" of learning to an unprecedented degree. Laboratories have been renovated and state-of-the-art equipment acquired in virtually all of the University's schools and colleges. A far-reaching \$6.6 million commitment from IBM made possible the acquisition of the nation's largest computer devoted exclusively to academic research and instruction.

Generous donations also have supported scholarships and fellowships, faculty endowments, equipment acquisitions, and bricks-and-mortar projects at Penn State Erie, The Behrend College, Penn State Harrisburg, the Hershey Medical Center, and the Commonwealth Campuses.

Private giving has helped to boost Penn State's total endowment, which stood at \$56 million when the Campaign began, to more than \$180 million. A substantial endowment is the hallmark of any great university.

In sum, the Campaign has given academic excellence at Penn State an immediate boost while providing a legacy that will enable generations University faculty and students to better serve humanity.

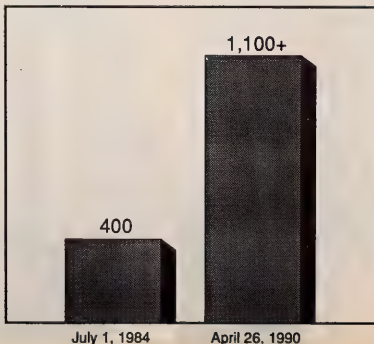


William A. Schreyer



Student callers for Penn State Telefund solicited gifts and pledges exceeding \$1.4 million during the Campaign. Jack Heisler, above, the most successful caller, logged gifts and pledges of \$250,000.

Endowed Scholarship Funds



Campaign strengthens academic excellence

Faculty endowed positions are funded

Following is a list of all faculty endowed positions, fully or partially funded, and the name of the faculty member currently holding the position, where applicable. (*) denotes positions funded for a limited term)

Chairs

Brush Chair in Materials (Engineering)
Eberly Family Chair in Astronomy -- **Icko Iben Jr.**
Eberly Family Chair in Biology -- **Robert Selander**
Eberly Family Chair in Chemistry -- **Stephen Benkovic**
Eberly Family Chair in Computer Science
Eberly Family Chair in Mathematics -- **Jean-Luc**

Brylinski

Eberly Family Chair in Molecular and Cell Biology
Eberly Family Chair in Physics
Eberly Family Chair in Statistics -- **C.R. Rao**
William Elliott Chair of Insurance -- **J.D. Hammond**
Endowed Chair in Cable Television -- **E. Stratford**

Smith

Endowed Chair in Jewish Studies
Four Diamonds Chair in Pediatrics -- **Nicholas M.**

Nelson, M.D.

Maurice K. Goddard Chair in Forestry and Environmental Resource Conservation -- **Benjamin A. Jayne**

Helen A. Guthrie Chair in Nutrition -- **Helen A.**

Guthrie

H. Thomas Hallowell Jr. Chair in Arthritis and Immunology

Bernard and Henrietta Hankin Chair in Residential Building Construction -- **Jack H. Willenbrock**

Dorothy Foehr Huck Chair in Nutrition

Dorothy Foehr Huck Chair for Special Collections (University Libraries)

J. Lloyd Huck Chair in Medicine -- **Herbert Y.**

Reynolds, M.D.

J. Lloyd Huck Chair in Molecular and Cell Biology
J. Lloyd Huck Chair in Natural Sciences

Drs. Kienle Chair in Human Medicine

Robert E. Kirby Chair in Electrical Engineering

William E. Leonard Chair in Engineering -- **Allen D.**

Pierce

A. Robert Noll Chair in Engineering*

John W. Oswald Chair in Surgery -- **John A.**

Waldhausen, M.D.

James R. and Barbara R. Palmer Chair in

Telecommunications Studies -- **Richard D. Taylor**

William A. Schreyer Chair in Global Management

Policies and Planning

Mary Jean and Frank P. Smeal Chair in Literary Theory and Comparative Criticism

University Chair in Obstetrics and Gynecology* --

Rodrigue Mortel, M.D.

University Chair in Pathology* -- **Richard Naeye, M.D.**

Eric A. Walker Chair in Anesthesiology -- **Julien F.**

Biebuyck, M.D., D.Phil.

Kenneth B. Waterbury Chair in Secondary Education

Verne M. Willaman Chair in Life Sciences

Professorships

Alcoa Professorship in Solid State Science* -- **Robert E.**

Newham

American Heart Association South Central Pa. Chapter

Professorship in Medicine Cardiology -- **David M.**

Leaman, M.D.

Jonas H. Anchel Professorship in Business Administration

Arthur Andersen Professorship in Accounting* -- **Barry**

Cushing

Michael and Myrtle Baker Professorship in Surgery -

Orthopedic -- **Robert B. Greer III, M.D.**

Irving and Irene Bard Professorship in Business

Administration

Louis R. and Virginia A. Benzak Professorship in Finance

Paul Berg Professorship in Biochemistry -- **Kenneth**

Johnson

Quentin Berg Professorship in Engineering Technology

Charles G. Binder Professorship in Computer Engineering

Tse Y. Feng

Boeing Professorship in Aerospace Engineering -- **Barnes**

W. McCormick

Raymond A. Bowers Endowment for Faculty Enrichment

(Architecture/Engineering)

Julia Gregg Brill Professorship in Women's Studies

Alvin H. Clemens Professorship in Entrepreneurial

Studies

Walter J. Conti Professorship in Hotel, Restaurant and

Institutional Management

William and Lois Dietrich Endowment in Food Bio-

Processing

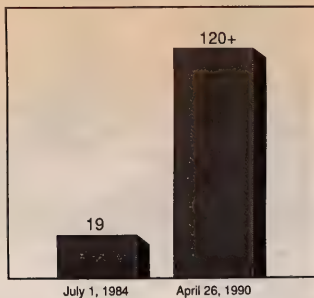
Dow Professorship in Chemical Engineering* -- **James S.**

Ventras

Eberly Family Professorship in Biotechnology -- **C.R.**

Matthews

Faculty Endowments



Ernst & Young Professorship in Accounting

FANUC Professorship in Industrial Engineering* --

Yonyng Ham

Merrell R. Fenske Professorship in Chemical Engineering

Jane A. Fetter Professorship in Cardiothoracic Surgery --

William S. Pierce, M.D.

George T. Harrell Professorship in Comparative

Medicine -- **C. Max Lang, D.V.M.**

Henry J. Hermanowicz Professorship in Education

Hershey Foods Corporation Professorship in Family and

Community Medicine -- **George R. Sims, M.D.**

HRB Systems Professorship in Signal Processing* --

Nirmal K. Bose

Stan and Flora Kappe Professorship in Environmental

Engineering

Keen Professorship for Entrepreneurship in Engineering --

Frank Gabron

Robert and Judith Klein Professorship of Management --

Gerald Susman

KPMG Peat Marwick Professorship in Professional

Accounting* -- **Charles H. Smith**

Bayard D. Kunkle Professorship in Engineering --

Bernard R. Tittmann

William E. Leonard Professorship in Engineering --

Christopher R. Wronski

Russell and Mildred Marker Professorship in Natural

Products Chemistry -- **Steven Weinreb**

David H. McKinley Professorship of Business

Administration -- **J. Keith Ord**

Paul Morrow Professorship in Engineering Design and

Manufacturing

Murata Professorship in Materials Research -- **Stewart K.**

Kurtz

A. Robert Noll Professorship in Electrical Engineering --

Leslie C. Hale

Marie Underhill Noll Professorship in Human

Performance -- **Elsworth R. Buskirk**

Vernon Norris Professorship in Poultry Science

Allen E. Pearce/Allen M. Pearce Professorship in

Engineering

Pennsylvania Professorship in Government and

Management*

Price Waterhouse Auditing Professorship* -- **Mark W.**

Dissmish

Josephine J. and David C. Rhea Professorship in Italian

C. Lee Rumberger and Family Professorship -- **Blannie E.**

Bowen

John A. and Harriette K. Shaw Professorship in Civil

Engineering

Jean Phillips Shibley Professorship in Behavioral Health

Raymond N. Shibley Professorship in Mathematics --

Stephen Simpson

Philip H. Sieg Professorship of Business Administration

Nancy and John Steimer Professorship in Agricultural

Sciences

David B. and Shirley L. Sykes Endowed Professorship in

Finance

United Technologies Corporation Professorship in

Acoustics -- **Jiri Tickey**

University Professorship in Humanities -- **E.A. Vastyan**

University Professorship in Medicine - Gastroenterology

-- **Graham Jeffries, M.B., Ch.B., D.Phil.**

University Professorship in Medicine - Oncology -- **Allan**

Lipton, M.D.

University Professorship in Obstetrics and Gynecology

University Professorship in Pediatrics -- **Cheston M.**

Berlin, JR., M.D.

University Professorship in Plastic and Reconstructive

Surgery

Alan R. Warehime Endowment in Agribusiness

Education

Kenneth B. Waterbury Professorship in Secondary

Education (will be merged with the Waterbury Chair in

1991) -- **Victor L. Dupuis**

Fellowships

Bel of Pennsylvania Endowed Faculty Fellowships in

Communications Technology (three):

Penn State Wilkes-Barre Campus -- **Harold A. Groff**

Penn State Delaware Campus

Penn State McKeesport Campus -- **Robert F. Barry**

Charles and Lillian Binder Faculty Fellowship in Business

Administration -- **Jerry Olson**

Joseph F. Bradley Faculty Fellowship in Finance

Samuel A. and Elizabeth B. Breene Faculty Fellowship in

Management

L.W. "Roy" and Mary Lois Clark Faculty Teaching

Fellowship in Business Administration

Coopers & Lybrand Faculty Development Fellowship in

Accounting

Corning Faculty Fellowship in Ceramic Science and

Engineering

Deloitte & Touche Faculty Fellowship -- **Edward J. Ketz**

Harry and Marion Eberly University Endowed

Fellowship (shared between the colleges of Business

Administration and Education)

Charles H. Fetter University Endowed Fellowship in

Electrical Engineering -- **Anthony J. Ferraro**

Dr. and Mrs. Forney P. George Fellowship in Family and

Community Medicine -- **George Simms, M.D.**

Goldman Sachs & Co. and Frank P. Smeal University

Endowed Fellowship in Business Administration -- **J.**

Randall Woolridge

Melvin and Rosalind Jacobs University Endowed

Fellowship in the Humanities -- **Gary Gallagher**

KPMG Peat Marwick Faculty Fellowships in

Accounting* -- **Robert Crum and Valerie Milliron**

Mellon Bank Faculty Fellowship in Business

Administration

MICASU University Endowed Fellowship in Mineral

Economics

Nicholas and Gelsa Pelick University Endowed

Fellowship in Biotechnology -- **Alfred Carlson**

Helena Rubinstein University Endowed Fellowship in the

Humanities -- **Evelyn Pluhar**

Robert G. Schwartz University Endowed Fellowship in

Business Administration -- **Arnold Shapiro**

Philip L. Walker Jr. Faculty Fellowship in Materials

Science and Engineering

William L. Weiss University Endowed Fellowship in

Engineering -- **Rob Fisher**

Josephine Berry Weiss University Endowed Fellowship in

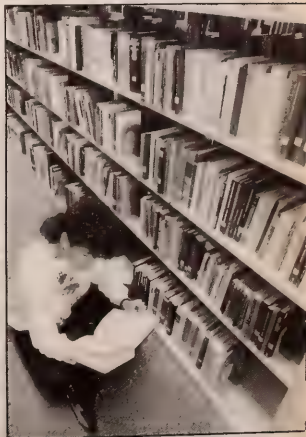
Humanities -- **Julia Cuervo Hewitt**

Quentin E. and Louise L. Wood University Endowed

Fellowship in Petroleum and Natural Gas Engineering

Zimmerman Development Corporation University

Endowed Fellowship in Business Administration



The University Libraries have been a focus of fund-raising efforts during the Campaign, with more than \$8 million raised, including the establishment of the \$2-million Paterno Libraries Endowment.

Fund-raising components launched by 13 campuses

Commonwealth Campuses aided by Campaign

The Campaign for Penn State has made a difference statewide through fund-raising components launched by 13 of the University's Commonwealth Campuses.

The campaigns at each of these campuses have marshaled the talents of community, business and faculty leaders in planning and executing fund raising based on local needs and timetables. Thanks to more than 700 of these volunteers, the campuses have collectively raised \$28 million or 160 percent of their collective goal of \$17.5 million.

Here are the primary targets of their support:

Altoona - Volunteers raised \$1.2 million for a Community Arts Center, opened in 1989. Contributions also have been designated for theatrical equipment and furnishings.

Beaver - Gifts and pledges have taken the Special Gifts Campaign to 90 percent of its \$440,000 goal. The campaign is supporting the establishment of associate-degree curricula that will aid the economic revitalization of the campus's service area, which was hit hard by the recession in heavy industry.

Berks - Volunteers launched a \$2-million fund-raising effort in November 1989 to build a 13,000-square-foot academic facility and to renovate the existing Luerssen Building. The campaign is scheduled to conclude in August 1990.

DuBois - The campaign for construction of a new \$2-million academic facility, the Mary Smear Building, has been successful. Ground was broken and construction began last summer, thanks to grass-roots support from alumni and from residents in the campus's six-county service area.

Hazleton - This campus, in the third year of its first major fund-raising effort in 22 years, has set a record for private giving by Hazleton-area donors. The focus of the drive is a new academic center, for which a May 1990 ground-breaking ceremony is planned.



A.C. Jordan, left, who endowed the first named scholarship in Penn State McKeesport's \$500,000 campaign, accepts a statuette from Campus Executive Officer Cash Kowalski and Director of University Relations Judy Kalich.

McKeesport - Volunteers surpassed their \$500,000 goal for endowed scholarships by more than \$100,000. Twenty-one named scholarship funds have been created.

Mont Alto - Now engaged in the advance-gifts phase of a \$1.3-million campaign, the campus has given highest priority to renovations to Conklin Hall.

New Kensington - This campus capped a successful \$1

million drive for a new science and technology center in 1988. The center opened last year.

Schuylkill - Volunteers helped to raise more than \$1 million for a new library. A \$1.6 million state appropriation will be added to the building fund.

Shenango - Gifts and pledges to the campus development fund total \$1 million for the Student Activity Center and endowed scholarships.

Wilkes-Barre - The campus exceeded its \$2.5 million goal by more than \$200,000 for construction of the new Bell Atlantic/Bell of Pennsylvania Building, which houses the Center for Technology. The building opened for classes Jan. 8, 1990, and a gala celebration was held April 5.

Worthington Scranton - Volunteers continue to seek contributions for scholarships and other academic support. Gifts and pledges total about \$800,000, 60 percent above the original goal.

York - Campus officials and friends recently broke ground for a \$2 million academic building - the culmination of more than two years of fund raising. The structure will house centralized computer facilities, classrooms and faculty offices. A bookstore will be attached. Occupancy is set for early 1991.

The five remaining campuses in the Commonwealth Educational System - Allentown, Delaware County, Ogonitz, Fayette and Penn State Great Valley - are planning future campaigns.



The Milton S. Hershey Medical Center has targeted \$30 million in private support for new facilities, faculty endowments and scholarships.

Campaign is providing critical support

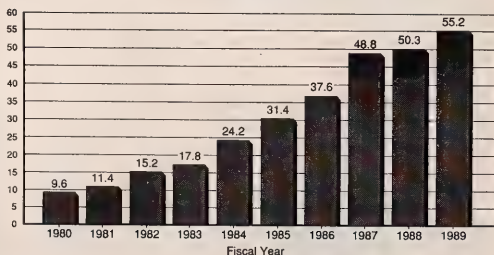
The Campaign for Penn State is providing critical support for a variety of academic programs at Penn State Erie, The Behrend College, Penn State Harrisburg and The Milton S. Hershey Medical Center. Each of these locations has mounted a fund-raising effort to meet local needs.

At Penn State-Behrend, nearly a hundred volunteers have raised \$10.2 million for scholarships, fellowships, research projects, capital improvements and other purposes. In scholarships alone, 15 separate funds have been endowed with gifts totaling more than \$650,000.

Penn State Harrisburg's campaign has raised more than \$3.2 million - exceeding its

original goal by 60 percent. These funds have been designated for building renovations, two endowed professorships, scholarships and fellowships, equipment acquisitions and other programs. About 50 volunteers have solicited gifts on behalf of the campus.

More than \$30 million in contributions for Hershey Medical Center will support new facilities, research programs, faculty positions and scholarships. Two well-known programs have continued to be highly successful campaign components - the Children's Miracle Network Telethon and the Four Diamonds Fund for cancer research and treatment.

Total Private Giving to Penn State
(Millions)

"BIG FIVE" PUBLIC UNIVERSITY CAMPAIGNS

	Goal	Raised	Campaign Ends	Duration (years)
University of California, Berkeley	\$400 Million	\$422 Million	June 30, 1990	5
Ohio State University	\$350 Million	\$425 Million	June 30, 1990	5
Penn State	\$300 Million	\$338 Million	June 30, 1990	6
University of Minnesota	\$300 Million	\$365 Million	June 30, 1988	5
UCLA	\$300 Million	\$355 Million	Dec. 31, 1988	6

As of March 1990

University Park Calendar

April 26— May 6 Special Events

Thursday, April 26

Back's Lunch, 12:30 p.m., Eisenhower Chapel.
Susan Scott, organ.
Bicentennial of the French Revolution, lecture, 8 p.m., 112 Kern. Simon Schama, Harvard Univ., on "Trees and Liberty."

Center for Women Students, "Interactive Discrimination: The Combined Effects of Racism and Sexism," 8 p.m., Paul Robeson Cultural Center, Bylyne Avery, National Black Women's Health Project, on "Healing Through Empowerment."

Friday, April 27

Init. for the Study of Adult Literacy, open house, 2-5 p.m., 204 Calder Way, Suite 209.
Geog., People's College Hour, 4 p.m., 319 Walker.
Classes end 9:30 p.m.

Saturday, April 28

Shaver's Creek, 1-3 p.m., Pennsylvania Trees.
Call 863-2000.

Sunday, April 29

Shaver's Creek, 2-4 p.m., Spring Wildflower Walk, Call 863-2000.
State College Choral Society, 3 p.m., Schwab Aud. "Creation."

Thursday, May 3

Women and Men of Color, luncheon, noon-1 p.m., Nittany Lion Inn.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m.
"Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubinstein.
"Perspectives," 6:30 p.m. Wednesdays, with Jeff Ballou.
"Creative License," 12:30 p.m. Thursdays, with Asa Berlin and Pam Saulnier.

Conferences

Continuing Education

Keller Building

April 30-May 2 Personnel Law for Police, Jack H. Williams, assistant professor of administration of justice, chair; Kathy Karchner, coordinator.

April 30-May 2 Groundwater Flow and Transport Modeling, Derek Elsworth, assistant professor of mining engineering, chair; Eric Loop, coordinator.

April 30-May 4 Water Pollution Control: Basic Water Quality, David Long, professor of civil engineering, chair; Eric Loop, coordinator.

May 1-3 Motor Fleet Maintenance Management, Eric Loop, coordinator.

May 2 Managing Multiple Priorities: A Secretary in Charge, Anita Shmukler, assistant professor of management development, instructor; Donna Ricketts, coordinator.

May 2-5 Enhancing Rural Economies Through Amenity Resources, Elwood Shaver, professor of recreation and parks, chair; Chuck Hurd, coordinator.

May 3-4 Police Response to Civil Suits, Jack H. Williams, assistant professor of administration of justice, chair; Kathy Karchner, coordinator.

May 4-5 American Nuclear Science Teachers Association, Candice Davison, technology education specialist, director; Bill Sterner, coordinator.

May 4-6 Penn State Aquatic Institute, Tom

Griffiths, affiliate associate professor of exercise and sport science, chair; Eric Loop, coordinator.

Seminars

Thursday, April 26

Physics Colloquium, 3:30 p.m., 55 Osmond, Ulf von Zahn, Univ. of Bonn, on "Ion Trapping."
Mechanical Engineering, 4 p.m., 103 Mech. Engineering, Arthur E. Bergles, Rensselaer Polytechnic Inst. on "The Thermal Control of Electronic and Micro-Electronic Equipment - A Challenge for the 1990s."

Friday, April 27

Ecology, 3:45 p.m., 111 Wartik, Julie Downs on "Composition and Structure of a 320-Year-Old Mixed-Oak Forest."

International Center for Sport and Exercise Science, 4:30-5:30 p.m., Penn State Room, Nittany Lion Inn. Richard Nelson on "Barcelona: The 1992 Games from the Biomechanist Perspective."

Monday, April 30

Even Memorial Lectures, EMS, 3:30 p.m., 301 Stedle, Dr. Anna Mazurek, Polish Academy of Sciences, on "Field Ionization Mass Spectrometry of Complex Biogenic Materials: Inferences for Coal Studies." Also 9 a.m., May 2 and 4, 115 Academic, Projects, on coal research topics.

Entomology, 3:45 p.m., 204 Patterson, Jim Foster, El. duPont de Nemours Co. on "Microbial Insecticides: An Industrial Viewpoint."

Thursday, May 3

Mechanical Engineering, 4 p.m., Mech. Engineering, Jack Howard, Massachusetts Institute of Technology.

Exhibits

Chambers Gallery

School of Visual Arts, Undergraduate Painting and Ceramics Exhibition, through May 2

HUB Galleries

Formal Gallery:

Bicentennial of the French Revolution, "The

French Revolution as Portrayed by Collector's Postcards," through April 30.

Black Wings: The American Black in Aviation, through April 29.

Art Alley Panels and Cases:

The Central Pa. Guild of Craftsmen annual member exhibit, through April 27.

Browsing Gallery:

Pa. Department of Corrections, art contest, through April 27.

Kern Galleries

Selections from the Graduate Research

Exhibition, through May 15.

The French Revolution, Collector's Postcards,

through April 30.

Denise Arlew, Jewelry, through April 30.

Alice Ritti, Paintings and Drawings, through

April 30.

College Research Exhibitions, College of Business

Administration, through April 27.

College Research Exhibitions, College of

Agriculture, April 30-May 25.

Palmer Museum of Art

Figurative Drawings of the 17th and 18th Centuries from the Accademia Nazionale di San Luca in Rome, through May 20.

Transforming the American Garden, through

May 13.

Selections from the Permanent Collection, May

6-Oct. 7.

Faite Library

Rare Books Room:

Photography: A 150th Anniversary Exhibit,

through May 31

Zoller Gallery

M.F.A. Thesis Exhibition, through April 29.

School of Visual Arts, Graduate Students

Exhibition, through May 4.

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather-234; Arts Line-345; University Calendar-456.

International Events

Education Abroad Programs

The following programs for Spring 1991 are available until Oct. 1: Athens, Exeter, Kiel, Manchester (economics), Nice, Rome, San German, Tel Aviv.

Focus on the arts

Shakespeare Festival

The Department of English is now accepting reservations for a weekend of plays at the Stratford Shakespeare Festival in Stratford, Canada, July 20-23.

Students, faculty, staff and area residents are welcome to join the excursion.

Theatergoers may purchase Plan A, \$190 for tickets to three plays, or Plan B, \$220 for tickets to four plays. The price of the tickets includes lodging in Stratford and round-trip transportation in University vans.

Vans will leave the Fleet Services Building on the University Park Campus at 7:30 a.m. Friday, July 20, and return to campus at 7 p.m. Monday, July 23.

A down payment of \$25 is required with each reservation, and full payment is required by June 8.

Checks should be made payable to: John Moore, Department of English, University Park, Pa. 16802. For more information, contact Professor Moore at 865-9445 or 865-0382 (office) or 238-2895 (evenings).

Play honored

A play from Penn State has been selected as one of the best university productions in the country this year and was performed at the Kennedy Center in Washington, D.C., April 23 and 24.

"On the Verge," produced by the University Resident Theatre Company of the Department of Theatre Arts, was one of seven productions selected from almost 800 entered in the 1990 American College Theater Festival (ACTF) for the national festival in Washington.

The play was selected from the region II ACTF festival held at Penn State last January by the festival's national selection team. This is the first Penn State production to be selected for the prestigious festival.

"The department is honored to be invited to the festival," Carole Brandt, head of the Department of Theatre Arts, said. "It is national recognition of the integrity of our program."

The ACTF is sponsored by the Kennedy Center for the Performing Arts and is designed to encourage and recognize the finest theater productions at the college and university level. Many ACTF alumni have gone on to successful professional careers in network television, film and live theater.

"On the Verge," produced last November by URTC, is a comedy about three Victorian women explorers who set out on a safari through Africa and the Himalayas with the property of 1888 and end up working their way into the breezy vernacular of 1950s America.

The cast includes Leslie Brott, Kristina Lyons and Craig Wallace, all master of fine arts acting candidates at Penn State, and Peg French, a faculty member in the Department of Theatre Arts. The play is directed by Robert Leonard, also a faculty member in the department.

Other plays selected for the national festival came from the University of Texas, El Paso; Brown University; University of South Dakota; Vermillion; Indiana State University; Texas Woman's University; and Gainsville College/Brenau College of Gainsville, Ga.

Choral Society

The State College Choral Society presents Franz Joseph Haydn's *Creation* at 3 p.m. Sunday, April 29, in Schwab Auditorium at University Park.

Soloists are Suzanne Roy, soprano; Richard Kennedy, tenor; and Richard Davis, baritone. All faculty members of the School of Music.

The text of the *Creation* originated in an English libretto, based largely on the book of Genesis and on Milton's *Paradise Lost*. The Choral Society is concluding its 41st season. The approximately 100-member organization will be accompanied by a professional 40-piece orchestra. The music director of the Society is D. Douglas Miller, professor of music in the School of Music. Tickets are \$7 and \$4 (students and senior citizens) and may be purchased at the Eisenhower box office or at the door the day of the performance.

The arts on Channel 3

Through the modern miracle of High Definition Television (HDTV), Academy Award-winning filmmaker Agnieszka Rybczynski brings classical music into the video age in "The Orchestra," premiering on *Great Performances* at 1 p.m. Sunday, April 29.

In the one-hour program, Mr. Rybczynski marries the technological capabilities of high definition video with his own fantastical sensibilities to create six

"classical music videos."

The works featured in the program are Ravel's "Bolero," Schubert's "Ave Maria," Chopin's Piano Sonata No. 2 in B-flat minor (Funeral March), Mozart's Piano Concerto No. 21, Rossini's Overture from "The Thieving Magpie," and Albinoni's Adagio in G minor for strings and organ.

Until he was awarded the Nobel Prize for Literature in 1980, few people in the West had ever heard of Czeslaw Milosz, a Lithuanian-born poet, essayist, and novelist who writes in Polish. But for the past 50 years, Mr. Milosz has been a literary leader in the resistance of oppressive regimes, from his first volume of underground anti-Nazi poetry to his condemnation of Stalinist terror in the celebrated book *The Captive Mind*.

Today, Mr. Milosz is hailed as one of the great writers of the 20th century, whose poetry is an inspiration to the Solidarity movement in Poland and to the people of Eastern Europe. He is the subject of a one-hour documentary portrait, *Czeslaw Milosz: The Poet Remembers*, airing at 2 p.m. Sunday.

Bookshelf

K. Warner Schaie, Evan Pugh professor of human development and psychology, is co-editor with James E. Birren, of the University of Southern California, of the third edition of *Handbook of the Psychology of Aging*.

The volume provides a major review and reference source for psychologists, physicians, psychiatrists, social workers, researchers and others who work with the elderly. It presents a comprehensive summary of research knowledge, theories, concepts and issues on the biological,

psychological and social aspects of adult development and aging.

The new edition also includes up-to-date research contributions by four faculty members in the College of Health and Human Development: Gerald E.

McClean, Evan Pugh professor of health and human development and director of the Center for Developmental and Health

Genetics; Robert Plomin, professor of human development; Michael A. Smyer, associate dean for research and graduate studies; and Steven H. Zarit, professor of human development.

The book is published by Academic Press Inc.

'Writing across the curriculum' is being implemented

Starting this summer, incoming freshmen will have more opportunities to learn through writing.

Writing-intensive courses will now be limited to the required English courses. With the implementation of the "writing across the curriculum" concept, all baccalaureate students will be required to complete at least one three-credit, writing-intensive course within their college of enrollment prior to graduating. **Jerry B. Covert**, associate dean for undergraduate education, said.

"The recommendations outlining this concept were approved by the University Faculty Senate in April 1985 as part of the general education program," said Dr. Covert, who is serving as University Faculty Senate liaison for the Office of the Vice Provost and Dean for Undergraduate Education, which is responsible for implementing the recommendations.

It wasn't until April 1989 that the Senate reviewed the proposal dealing with implementing "writing across the curriculum." Since then, Dr. Covert has been working with

the University Writing Subcommittee to make the concept a reality.

Mary M. Dupuis, professor of education and co-chair of the University Writing Subcommittee, said, "The key argument in favor of emphasizing writing in the discipline is that students will learn the material better through writing about it."

"There are two different aspects to the 'writing across the curriculum' concept. One is that writing is an important skill for success on the job. The other is that students learn the content of their discipline better by being able to explain it in writing," she said.

Paul R. Shellenberger, professor of dairy science and co-chair of the University Writing Subcommittee, agrees.

"Writing is a process that involves working with thoughts until they make sense," he said. "Through practice in writing about one's discipline, the student eventually becomes more at ease with the writing style of the particular discipline. The student's writing competency

should improve as well.

"Writing takes a lot of effort, on the part of both the faculty member and the student, but it is an important part of the educational process that we should not neglect," Dr. Shellenberger said.

Theodore E. Kiffer, associate dean, College of the Liberal Arts, said the subcommittee's "basic philosophy is that writing is not an end in itself, but a tool to help a student master the subject matter. Writing in a student's discipline reinforces the skills that the student acquired in freshman composition courses."

The College of the Liberal Arts began exploring the "writing across the curriculum" concept in the early 1980s, holding workshops and involving outside speakers, Dr. Kiffer said.

Dr. Shellenberger and Dupuis participated in the Liberal Arts program and incorporated writing into their courses prior to the Senate's consideration of "writing across the curriculum."

Dr. Shellenberger has taught Animal Science 001W as a writing-intensive course for several semesters. Dr. Dupuis also has taught writing-intensive, or "W", courses in the College of Education.

In response to the call for more writing in the curriculum, the College of Earth and Mineral Sciences has created a Writing Program to assist its faculty members. **John J. Cahir**, associate dean for resident instruction, said. **Joe Schall** serves as director and technical writing tutor for the Writing Program, now in its third year.

EMS faculty members can call on Mr. Schall for in-class technical writing lectures/workshops, tutorial help and evaluations of their students' writing. Mr. Schall meets one-on-one with about 100 students each semester.

To date, 18 courses have received approval from the University Writing Subcommittee of the Senate Committee on Curricular Affairs to be taught as writing-intensive. Dr. Dupuis reports. More proposals continue to be submitted.

She noted that there are two types of writing-intensive courses: permanent and one-time. One-time course proposals may be approved for one semester at one site.

Following the successful implementation of the three-credit "W" requirement, the University Writing Subcommittee will study the feasibility of including three credits of "W" courses within the general education component, Dr. Covert added.

Guidelines for 'W' courses

Requests for approval of writing-intensive courses must include the following course documentation.

Writing assignments will be integrated into the course so it is clear how they relate to the objectives of the course. That is, writing assignments will be used as instruments for learning the subject matter, methods of inquiry, and/or types of writing associated with a given discipline (e.g., to gain experience in interpreting research results; to learn a kind of writing associated with a given profession).

The course will require writing assignments which give students the opportunity to practice writing and receive responses from the instructor or another professional throughout the course. Usually this will mean multiple assignments (five or more) or a series of preparatory writings for a major project.

Writing will be visible in the course syllabus. The instructor will identify the writing that is needed for learning in this course and provide guidance as needed. The type of writing to be used by students will be

identified and student writing activities will be clearly explained. The methods may include such options as student peer review (in or outside of class), tutorial assistance, conferences, classroom lectures or assigned readings about writing, and the instructor's responses to drafts and final papers. Experimentation with assignments and instructional activities is encouraged.

Writing will be treated as a process. That is, instructors will allow some course time for such activities as writing proposals for major projects, writing and revising drafts, and critiquing one another's drafts. This course time includes classroom time and out-of-class time, as useful in the particular course.

Writing will be evaluated. Its quality will be a factor in determining each student's final grade.

Faculty members should submit a syllabus for proposed course/section, including course objectives, sequence of class activities, writing assignments and grading procedures.

IPO news

The Intellectual Property Office is pleased to announce that **Stephen J. Benkovic**, Evan Pugh professor and holder of the Eberly Chair in Chemistry, has received notice from the United States Patent and Trademark Office that claims will be allowed covering two of his inventions.

The first invention is titled "Antibody Combining Sites that Exhibit Stereospecific Synthesis Activity." The invention was jointly developed with Scripps Clinic and Research Foundation, Scripps and Penn State are jointly negotiating with a major pharmaceutical company for a license to these patent rights.

The second invention is titled "Multisubstrate Adduct Inhibitor for Glycylamide Ribonucleotide Transphosphorylase." Penn State has entered into an Option Agreement with Burroughs Wellcome Ltd., which gives that drug company a specific period of time within which to assess the invention and to elect an exclusive license to the technology

York conference will focus on women's issues

Celebrate Womanhood, a conference focusing on women's issues, will be held from 8:30 a.m. to 4 p.m. Saturday, April 28, at the Penn State York Campus. The conference is designed to encourage leadership in women, provide a forum for women's concerns and inform women of opportunities to develop and grow.

"This is our second year offering a women's conference," said Sharon Cessna, conference chairman and a faculty member at Penn State York. "We've expanded the program to a day-long format to provide additional workshops and to allow participants more time in the sessions. The

program includes a variety of topics for women of all ages and many topics that men will also find beneficial."

Barbara Sher, best selling author, therapist and career counselor, will give the keynote address on "How to Get What You Really Want." Workshops will be presented on a variety of topics, including: managing multiple roles, dealing with anger and guilt, diversity, self-esteem, assertiveness, fitness for life, alcoholism, women's health issues and looking your best.

For additional information, call (717) 771-4045.

25-year awards

Joseph J. Duda, TV and electronics A, Office of Physical Plant.

George Harpster, lead auto mechanic, Office of Physical Plant.

Frederick C. Mensch, experimental and maintenance mechanic, Chemical Engineering Department.



Barbara Sher

News in Brief

Summer Sessions office has moved
The Office of Summer Sessions has moved from 427 Boucke Building to the first floor of Spruce Cottage. The phone number remains the same: 863-4174.

Law and semiotics

The Fourth Annual International Round Table on Law and Semiotics is being held today through Sunday, April 29, at the Sheraton Berkshire in Reading, Pa.

The general topic of the conference is "Action and Agency." It is sponsored by the Center for Semiotic Research in Law, Government and Economics at the Penn State Berks Campus in cooperation with the Department of Philosophy and

the College of the Liberal Arts. Proceedings will be published at a later date.

Pockrass lecture canceled

The School of Communications has announced that the second Robert M. Pockrass Memorial Lecture, which was to be held this evening, has been canceled.

The invited speaker, **Tamas Szecsko**, general director of the Hungarian Institute for Public Opinion Research, was injured in an automobile accident last week. There are no immediate plans to reschedule the event.

Preschool openings

The Penn State Child Development Laboratory, a preschool for children 2 1/2 to 6 years old, currently has a limited number of full-day openings (7:30 a.m. to 5:30 p.m.). The preschool is operated by the Department of Human Development and Family Studies in the College of Health and Human Development.

For more information about enrollment, call 863-0247 or visit the Child Development Laboratory office in S-24 Henderson Building.

Women's Alliance

"Women in Public Service" will be the topic of a meeting of the Women's

Alliance at 9 a.m. May 5 at Centre Furnace Mansion.

Panelists **Ruth C. Rudy**, 171st District representative; **Janet Sulzer**, vice chairwoman, College Township Council; **Jean McManis**, State College Borough councilwoman, and **Marilyn Shobaken**, State College Design Review Board and Downtown Project Management Team member, will discuss their experiences in public service.

The Woman's Alliance provides opportunities for women to come together for discussion, networking, and advocacy activities which expand knowledge, improve skills, and enhance careers.

Partings

After spending 28 years tending to other people's business in the Pennsylvania Technical Assistance Program and Management Development Services at Penn State, **H. LeRoy Marlow** plans to take some time managing his own pursuits.

The retiring director of PENNTAP and former head of Management Development plans to keep active with his numerous hobbies.

"I'm writing another book on woodcarving," says the man who has penned two previous books on the subject, *Woodcrafting Heritage Toys: A Treasury of Classic Projects* (1987) and *Carving Carousels* (1989).

Mr. Marlow began serving Penn State in 1962 as an assistant professor of management development and a part-time researcher in the Division of Planning Studies. He became associate professor in 1964 and was named director of PENNTAP in 1966, a program that was developed to implement the goals of the State Technical Services Act.

Mr. Marlow also became head of Management Development in 1970. He was appointed professor of management development in 1972 and continued as head of that department and PENNTAP throughout the 1970s and into the late 1980s.

He received his bachelor's and master's degrees in industrial education from the University of Maryland and a doctor of education degree in industrial and labor relations from the New York State School of Industrial and Labor Relations at Cornell University.

In 1981, he received the Barash Award for Human Service for his work with a variety of community organizations, including the Centre County Cancer Crusade, Lewisburg United Methodist Homes, the Albright College Board of Trustees, the Centre County Vocational-Technical School General Advisory Committee and the Faith University Methodist Church in Bellefonte.

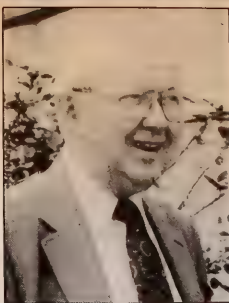
Glenn D. Bengston, assistant professor of agricultural communications, has retired after 27 years service.

Mr. Bengston served as principal editor for the Agricultural Experiment Station, reviewing and editing all station bulletins. He also was the first editor for the College of Agriculture's for-sale publications.

Mr. Bengston graduated from high school in northeast Kansas in 1941, then joined the Navy. During World War II, he attended Oberlin College as a Naval V-12 Cadet, and later studied at Kansas State University.

He joined Penn State in 1963 after serving 11 years as an editor at the West Virginia University Agricultural Experiment Station.

From 1976-79, on leave from Penn State, he served as scientific editor for the International Crops Research Institute for the Semi-Arid Tropics in India. "It was an exciting and challenging position. I was working with international scientists who were breeding improved varieties of sorghum and millet. We were trying to



H. LeRoy Marlow

augment the Green Revolution."

In 1981, Mr. Bengston was assigned to Penn State's Swaziland cropping systems research and extension training program, setting up a communications support system. "We took technical information from Swazi and project scientists, translated it into user-friendly language, then passed it on to the farmers."

Now that he's retired, he will continue to edit at home and will work on a book about diseases of hobby birds. He lives in State College with his wife, Miriam. They have three children, Eric, Carolyn and Edwin, and three grandchildren.

Susanne Doucette, administrative aide in the Office of Undergraduate Programs, has retired after 23 years of service.

In Ms. Doucette's first two positions at the University, she was a secretary in the Office of Public Affairs and a secretary for the associate dean of the College of the Liberal Arts. In 1968, she became an administrative aide for the Department of Meteorology to oversee the budgets.

She worked as a field administrator at the Institute of Human Development from 1972-74. Her next position was in the Office of Special Programs and Services as a counselor to 70 freshmen in the Developmental Year Program. She set up a tutoring center for the Office of Special Programs and Services in 1975 and continued as a tutor-coordinator until 1980.

From 1980-88, Ms. Doucette was an administrative aide for the assistant vice president for student affairs and later for the assistant dean of academic assistance programs. In 1988, she took on her final position as an administrative aide to the director of the Developmental Year Program/Learning Assistance Center.

She has two children. They have both attended Penn State and now reside in York.

Edgar H. Eckley, supervisor of property inventory, has retired after 27 years of service.

When Mr. Eckley first came to the University in 1963, he worked for the Office of Physical Plant as a utility draftsman, which involved drawing plans

for utility steam lines.

In 1960, he became supervisor of property inventory for physical plant in the Corporate Controller's Office.

Mr. Eckley received two degrees from Penn State: a bachelor's degree in business administration in 1970 and a master's degree in education in 1977.

Mr. Eckley's four children have either attended Penn State or are planning to attend.

Emilie K. Lunger, extension home economist, has retired after 35 years service.

Ms. Lunger was responsible for the 4-H and home economics programs in Wyoming County.

"One of my biggest accomplishments was to help start the Endless Mountains Craftsman Association back in the 1960s, which still exists today," she says. "I'm also proud of the master clothing program we organized during the 1980s, in which we trained adults to teach sewing to 4-H members."

In cooperation with the Kiwanis Club, Ms. Lunger helped bring back the Wyoming County Fair in 1987 — the first fair in that county since World War II.

Ms. Lunger is planning a cruise to St. Thomas and Bermuda with her husband, Donald. She also plans to travel cross-country this summer with Donald, her daughter, Judy, and two grandchildren, Amy and Melissa.

Ralph Musick, incubator operator at the Poultry Research Farm, has retired after 25 years service.

Mr. Musick started working with the Poultry Research Farm in July 1964 as a general poultry worker. Four years later, he was made responsible for egg room and feed mixing operations. In 1977, he was given responsibilities for incubation.

Mr. Musick was born in Coburn and graduated from East Penns Valley High School. Before joining Penn State, he

owned and operated a dairy farm for 18 years.

Mr. Musick and his wife, Ardrenna, continue to live in Penns Valley. They have one son, two daughters and a grandson. In retirement, he plans to garden and tour the United States.

John D. Stoner, a milker at the Dairy Barns, has retired after 31 years of service.

Mr. Stoner says he will miss his supervisor and colleagues — but won't miss getting up for work at 4 a.m. "I enjoyed working with the students there, too," he says. "It was fun teaching them how to milk."

His plans for retirement include hunting and working around his house in Spring Mills.

Phyllis B. Witmer, budget clerk, has retired after 20 years of service.

Ms. Witmer began her service at the University in 1969 as a clerk typist in the Fee Assessor's Office in Shields Building. In 1971, she moved to the Loans and Scholarship Office.

Her final position was as budget clerk in the Corporate Controller's Office, where she performed secretarial work for the director of financial officers from 1972 until her April 1 retirement.

Ms. Witmer has two children, Philip Jr. and Cathy, both of whom are Penn State graduates. Her husband, Philip, also received a bachelor's degree from Penn State.

Andrew B. Kovich Jr., utilities analyst, from Feb. 13, 1961, until March 31.

Suzanne Strideck, associate librarian/ chief, bibliographic services, University Libraries, from Sept. 12, 1977, until Feb. 1, 1978.

Donna K. Schenfeldt, patient care assistant at Hershey, from Nov. 2, 1970, until March 31.

James S. Zeiler, clerk, insurance team at Hershey, from April 7, 1980, until April 8.

Obituaries

Kittie E. Jordan, mother of President Jordan, died April 20 in State College. She was 91.

Mrs. Jordan was born July 10, 1898, in Garner, Texas. She attended Baylor-Belton College. She married Joe Jordan on Nov. 11, 1919, and lived for some years in Clovis, New Mexico. In 1935 she and Mr. Jordan moved to Abilene. They operated grocery stores there until they retired to Weatherford, Texas, in 1956.

Mrs. Jordan was a member of North Side Baptist Church in Weatherford. In addition

to her son, she is survived by two grandchildren, Julia Ohlen of Coppell, Texas, and Chris Jordan of Albuquerque, New Mexico, and a great-granddaughter, Jordan Brooke Ohlen.

Gerald R. Trostle, estimator-inspector, Office of Physical Plant, from Oct. 22, 1946, until his retirement Jan. 1, 1982, died April 3 at the age of 61.

Hugh J. Clarke Jr., software development engineer at the Applied Research Lab since Nov. 16, 1959, died April 9 at the age of 60.

Bookshelf

William Boyd, professor of education, is co-editor of a new book, *Private Schools and Public Policy*. International Perspectives.

Published by Falmer Press, the book assesses the growing policy debate in many

industrialized nations over the proper balance between public and private schools and the role that government should play in influencing this balance. This debate has been prompted by a widespread loss of confidence in public enterprises and, in particular, state-run education systems.

Faculty/Staff Alerts

Telephone directories

It is time once again to check the Faculty/Staff telephone directories for corrections, additions, or deletions. Please refer to the departmental listings on pages 21-72 of the 1990-91 Penn State Faculty/Staff Directory to find the listing(s) for your department or program. Make any changes by copying the page(s), making sure the page number is visible, and inserting the information in red. If there are many corrections, please type the information on a separate piece of paper and staple that sheet to the copied directory page.

Be sure to double-check the name of the department or program, individuals and their titles, phone numbers, addresses, and cross-references. Offices using FAX machines may include a FAX number in their listings.

The information on pages 74-158 is generated by payroll records and supplied as a magnetic tape. Changes to this information should be handled through your personnel representative or the Payroll Office.

An Adjunct Listing Form is used to list a second office phone number or to list a

person who does not appear on the University payroll records. This includes: adjunct professors, research associates, postdoctoral researchers; part-time or wage payroll employees; USDA, U.S. Pasture Lab, and U.S. Forest Service and other federal or state employees; military and associated civilian personnel; local religious leaders at Eisenhower Chapel. Blank forms are available upon request from your personnel representative or the Office of Systems and Procedures, 202 William Street Building.

Completed Adjunct Listing Forms and all

revised telephone directory material should be addressed to Mary Anne Eves, Department of Publications, 820 N. University Drive, Suite A, and must be received no later than June 6.

Penn State Directories order forms should have been received recently by the contact person in your area. Please double check that this is the case. If you are unable to determine this, please call Mary Anne Eves at 863-1873 for assistance.

University approves new deferred tuition payment plan

Managing college payments is going to be a little easier for Penn State students, thanks to a cooperative effort by students and administrators.

Beginning with the 1990 fall semester, all full-time students can pay tuition, room and board over three payments per semester instead of the current one or two payment plans." Kenneth S. Babe, corporate controller for the University, said.

The due date of college bills has been a concern. Many graduate students on assistantships or fellowships and those who work in University research and support positions are paid monthly. In addition, many undergraduates also are dependent on monthly sources of income.

"Graduate students have been asking for

a more flexible payment plan because many simply don't have the money to pay for a semester of on-campus housing in a single payment, forcing them to seek housing in town that may be less

convenient and more expensive. We are very happy with this decision," Ken Martin, president of the Graduate Student Association and a graduate student in political science, said.

He and Brian Kocher, past president of the Association of Resident Halls Students and a senior in civil engineering, have been working with University administrators on the change.

If a student elects the deferred payment plan, one-third of the 1990 fall semester tuition and room and board payments will

be due Aug. 3, the second-third on Sept. 4, and the balance on Oct. 1. Spring 1991 semester payments will be due Dec. 7, Jan. 2 and Feb. 1.

A \$45 handling and processing fee will be due with the first payment. All eligible aid and loans must be subtracted from current charges before applying the deferment option. The deferred payment plan spreads costs for the nine-month academic year over a seven-month period.

Applications for the new payment plan will be sent to all full-time students with their 1990 fall estimated bill in July. Those who choose not to use the new payment program may continue to pay on the semester basis.

"As college costs have increased, single

or even twice-per-semester payments have become difficult for many students and their parents to manage. We are glad to offer this program to both graduate and undergraduate students," Mr. Babe said.

Obituaries

Lucille L. Zoller, retired professor of romance languages at the Penn State Altoona campus, died March 25 at the age of 92. She joined the Altoona faculty Sept. 1, 1933, and retired July 1, 1957.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-8304.

NETWORK LINE 433-0304. Applications for these staff vacancies will be accepted until May 3. **DO NOT CONTACT THE AREA THAT HAS THE VACANCY.** Applications for staff vacancies are considered in accordance with Fair Employment practices (PS-1) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

• **Applications Programmer/Analyst, Computer and Information Systems, Management Services, University Park Campus** - Responsible to the designated project leader for conducting analyses of data processing and customer concerns, determining detailed systems problems and preparing computer programs to satisfy desired end results. Assist in providing direction and control within specifications of project schedule. Requires bachelor's degree, or equivalent, in basic computer systems; plus one to two years of effective experience in computer programming and analysis. **STAFF GRADE 6**

• **Systems Programmer/Coordinator, Applied Research Laboratory, ARL/Research and Academic Affairs, University Park Campus** - Responsible to the manager, computer facility, for the development of system software, maintenance and repair of computer equipment, system accounting and documentation. Requires bachelor's degree, or equivalent, in computer science or engineering with one to two years of effective experience in data processing, including working knowledge of VAX hardware and VMS-based systems, FORTRAN and scientific subroutine packages. U.S. citizenship required. **STAFF GRADE 6**

• **Systems Programmer/Coordinator, Applied Research Laboratory, ARL/Administration, University Park Campus** - Responsible to the coordinator, management information systems, for troubleshooting PC problems, analyzing and developing new applications and installing and maintaining new releases of PC software. Requires bachelor's degree, or equivalent, in computer science, MIS or business administration, plus one to two

years of effective experience in data processing, including developing computerized applications and helping users with their operation. Experience with PC and database management systems preferred. U.S. citizenship required. **STAFF GRADE 6**

• **Senior Code Compliance Representative, Office of Physical Plant, Project Management, University Park Campus** - Responsible to the senior manager, construction administration, for the supervision of assigned code compliance representative and for the plan review and inspection of construction projects. Requires associate degree, or equivalent, in architecture, engineering or related field, plus four to five years of effective experience in institutional and/or commercial building construction. Building Official and Code Administration (BOCA) certification for applicable field is required. Supervisory experience required. **STAFF GRADE 7**

• **Code Compliance Representative, Office of Physical Plant, Project Management, University Park Campus** - Responsible to the senior code compliance representative for the plan, review and inspection of construction projects, including day-to-day related coordination and monitoring of code compliance. Requires associate degree, or equivalent, in architecture, engineering or related field, plus two to three years of effective experience in institutional and/or commercial building construction. Building Official and Code Administration (BOCA) certification for applicable field is required. **STAFF GRADE 6**

• **Programmer/Analyst, Office of Human Resources, University Park Campus** - Responsible to the manager of information systems for the development and implementation of innovative data processing systems. Analyze and solve problems with existing systems and programs. Design, code, modify and test new and existing programs. Prepare or modify job control language for same. Assist in applications systems design. Requires bachelor's degree, or equivalent, in computer science or related field and one to two years of effective experience in computer programming and systems design. **THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1990, WITH POSSIBILITY OF RE-FUNDING. STAFF GRADE 6**

• **Manager, CRA Computer Laboratories, Business Administration, Office of the Dean, University Park Campus** - Responsible to the associate dean for the administration and coordination of the business administration computer laboratories. Requires bachelor's degree, or equivalent in computer science plus one to two

years of effective experience with operation, installation, maintenance and support of microcomputer hardware and software, as well as experience in computer laboratory management. Good oral and written communication and interpersonal skills are required, including the ability to effectively communicate technical information to a variety of audiences. **THIS IS A FIXED-TERM POSITION WITH FUNDING THROUGH JUNE 30, 1991, ASSURED. STAFF GRADE 6**

• **Producer/Director - Instructional Media Designer, CES, University Division of Media and Learning Resources, University Park Campus** - Responsible to the assistant director for design and production of the design, planning and coordination of all phases of production for assigned projects. Requires bachelor's degree, or equivalent, in television/film production, communications, instructional design, or closely related field, plus one to two years of effective experience in media production. Excellent writing skills and the ability to work closely with faculty and content specialists in a team environment are essential. **THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1990, WITH GOOD POSSIBILITY OF RE-FUNDING. STAFF GRADE 6**

• **Cinematographer/Videographer, CES, University Division of Media and Learning Resources, University Park Campus** - Responsible to the supervisor, cinematography/videography, for exercising aesthetic judgment and creative quality control in providing film, video, still photography, lighting and editing services for assigned productions. Requires bachelor's degree, or equivalent, in broadcasting, journalism, film or video production and one to two years effective experience. Must have good aesthetic judgment, exhibit creativity in the execution of daily production activities, have a good background in

field production techniques with excellent composition, lighting and editing skills, and be capable of working under direction as well as independently. **STAFF GRADE 5**

• **Scientific Applications Programmer, Science, Astronomy, University Park Campus** - Design, code and debug programs related to the analysis of X-ray astronomical data collected by experiments aboard three satellites and to the analysis of image processing and data archiving. Requires bachelor's degree, or equivalent, with at least one year of effective experience. A working knowledge of FORTRAN and C programming languages in a UNIX environment required. A background in astronomy or physical science helpful. **THIS IS A FIXED-TERM POSITION FUNDED FOR ONE YEAR FROM DATE OF APPOINTMENT WITH RE-FUNDING CONTINGENT ON CONTINUED NASA FUNDING FOR THE RESEARCH PROGRAMS. STAFF GRADE 5**

• **Senior Technical Specialist (Economic Development), Senior Vice President for Research and Dean of the Graduate School, Penn State Harrisburg** - Responsible to the director, RTAP, the Pennsylvania Local Roads Program, for visiting municipalities to assist in identifying and solving road and bridge maintenance and management problems. Requires master's degree, or equivalent, in civil or transportation engineering, plus over seven years of effective experience, particularly in reconstruction analysis, demonstration of highway/traffic engineering and safety programs and computer software. Professional engineer's license desired. **THIS IS A FIXED-TERM POSITION FUNDED THROUGH DEC. 31, 1990, WITH CONTINUED FUNDING EXPECTED. STAFF GRADE 9**

Poultry Science department head sought

The College of Agriculture has begun an internal search for the head of the Department of Poultry Science.

Responsibilities include leadership and administration of programs in resident education, research and extension. Effective supervision and coordination of departmental activities and liaison within the University and with agricultural producers and industry groups is required.

Qualifications include a Ph.D.; professional experience in poultry science or a closely related discipline, and demonstrated ability for effective leadership and communication.

Interested faculty should send a letter of application and resume to Lamarline F. Hood, Dean, College of Agriculture, 201 Agricultural Administration Building, University Park, by May 28.

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William E. Campbell Jr., Editor
Deborah A. Benedetti,
Assistant Editor
Kathy Garman, Calendar

April 26, 1990
Vol. 19, No. 31

Award Recipients

University alumni, faculty and staff receive awards. See story on page 4.

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INTERCOM

May 3, 1990

Volume 19, Number 32

Information submitted for publication in *Intercom* is due by noon on the Thursday before publication.

More than 7,130 will receive degrees at ceremonies

More than 7,130 students will receive degrees at the 1990 spring commencement exercises at the University's campuses.

According to estimates, the total includes 5,600 baccalaureate degrees, 639 associate degrees and 892 advanced degrees. Of the advanced degrees, 638 are master's degrees, 174 are doctoral degrees and 80 are medical degrees from The Milton S. Eshelman Medical Center.

At University Park, about 4,987 students will receive baccalaureate degrees, 34 will receive associate degrees, 570 will receive master's degrees and 171 will receive doctoral degrees.

At University Park, each of the colleges and the Graduate School will conduct individual ceremonies May 12 and 13. The speakers will include distinguished professionals and business, academic and government leaders.

— **Blannie Evans Bowen**, the C. Lee Rumberger and Family Professor of Agriculture at Penn State, for the College of Agriculture, May 12.

Dr. Bowen is best known for his work on computerized teaching and testing in agricultural education and is an advocate of computer literacy among students.

— **Bassam Shakhshiri**, assistant director for science and engineering education,

National Science Foundation, for the College of Science, May 12.

Dr. Shakhshiri, who has been with the NSF since 1984, is responsible for the design and administration of programs to improve all levels of education in mathematics, engineering and the sciences.

— **Victor G. Beghini**, president of Marathon Oil Co., for the College of Earth and Mineral Sciences, May 12.

A 1956 Penn State graduate in petroleum engineering, he serves on the USX Corp. corporate policy committee and the board of directors of Texas Oil and Gas Corp. Mr. Beghini has been a member of the board of directors of Marathon Oil Co. since 1978 and on the board of Marathon Petroleum Co. from 1982-85.

— **John Piemeier**, Broadway playwright, for the College of Arts and Architecture, May 12.

Mr. Piemeier, a Penn State graduate, will read sections of his one-person play, "Courage." The play traces the life story of Scottish writer J.M. Barrie, author of "Peter Pan."

— **William Lee Weiss**, chairman and chief executive officer of Ameritech, for the College of Engineering, May 12.

Mr. Weiss, a 1951 graduate of Penn State, has served as a board director for many groups including Abbott Laboratories, Continental Illinois Corp., the Quaker Oats Co. and as a trustee of the Museum of Science and Industry, Northwestern University and the Orchestra Association of the Chicago Symphony Orchestra.

— **Iris R. Shannon**, past president of the American Public Health Association, for the College of Health and Human Development, May 12.

Dr. Shannon, a registered nurse and doctor of public policy analysis, is a consultant on nursing and health for government and private agencies at the national, state and local levels. She is an associate professor and past chair of the Department of Community Health Nursing at Rush University, Chicago.

— **Richard L. Leshner**, president of the U.S. Chamber of Commerce, for the

College of Business Administration, May 12.

A well known writer and radio and television commentator, Dr. Leshner appears on "It's Your Business," a national weekly public affairs television program, and writes a syndicated column, "Voice of Business," carried by 670 newspapers nationwide.

— **President Jordan** for the Graduate School, May 12.

As the 14th president of Penn State, Dr. Jordan has advanced the University to a position among the nation's premier public universities.

— **Mark Singel**, lieutenant governor of Pennsylvania, for the College of Education, May 13.

Mr. Singel was sworn in as Pennsylvania's 27th lieutenant governor in 1987. He has served as chair of the Pennsylvania Energy Office, the Pennsylvania Emergency Management Council, the State Emergency Response Commission and the Pennsylvania Heritage Affairs Commission.

— **Chief Judge Julian A. Cook Jr.**, of the U.S. District Court in Michigan, for the College of the Liberal Arts, May 13.

Judge Cook served as U.S. district judge, Eastern District of Michigan, from 1978-89.

(Continued on page 3)

First phase is underway

Research park being developed

Direct benefits to faculty are a critical ingredient for the success of a research park at major universities such as Penn State.

Approved by the Board of Trustees last fall, the first phase of the research park is under way, and University administrators are continuing to discuss development plans with faculty and prospective tenants to find

just the right mix.

"The potential benefits to the faculty and the University are tremendous," Jack Yost, associate vice president for research and technology transfer, says. "However, we must develop the park on the basis of University strengths and select tenants on

(Continued on page 3)

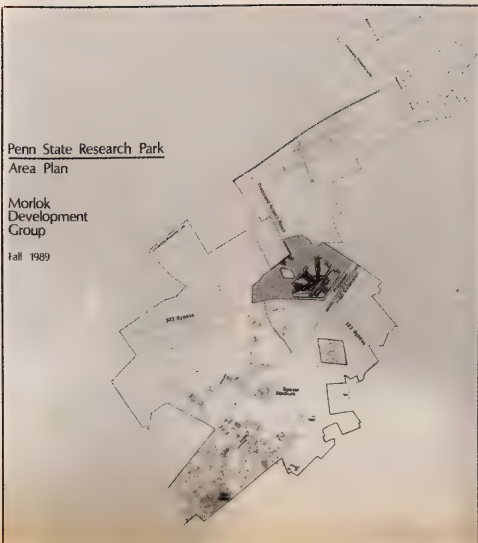


Photo: Richard Askey



Convocation heralds success of The Campaign for Penn State

About 700 persons gathered in Schwab Auditorium April 28 to participate in the first large-scale academic convocation the University has held in 35 years. The event heralded the success of the six-year Campaign for Penn State, now nearing conclusion after having raised \$343 million in private support since July 1, 1984.

The convocation began with a procession from Old Main to the auditorium that included faculty who held endowed positions, Evan Pugh professors and the newly appointed Distinguished Professors. A number of Campaign donors who established faculty endowments also participated.

"The University has moved forward dramatically, both in substance and in stature, thanks to your good work," President Jordan told the gathering. "Penn

State is truly a flagship university for the people of Pennsylvania and for all of public higher education."

Executive Vice President and Provost William C. Richardson noted that faculty endowments created by Campaign gifts had been especially important in strengthening the University's stature. These endowments have increased from 19 to more than 120 since the Campaign began.

"These positions enable us not only to attract world-class talent, but to retain it to a degree that may not have been equal elsewhere," Dr. Richardson said. "In the six years I've been here, we've probably lost fewer than five faculty in dozens of attempts to lure them elsewhere."

An academic convocation with an outdoor procession was last held in 1955.

See related photo on page 3.

Focus on Diversity

Applied Research Laboratory names first minority fellow

The Applied Research Laboratory has named Leslie Johnson, a graduate student at the University of Pennsylvania, as its first fellow for the National Consortium for Graduate Degrees for Minorities in Engineering Inc.

GEM, a nonprofit organization, is a joint partnership of 68 industrial government research laboratories and 60 engineering graduate schools, formed in 1976 to assist ethnic minority students in obtaining practical engineering experience through summer work opportunities, while working toward their master's degree.

ARL joined the program in November 1989 as an employer-sponsor to assist minority graduate students in engineering.

Mr. Johnson, a mechanical engineering major at Penn., is specializing in the area of robotic manipulators by developing a mathematical model of a mechanical arm for grasping planar objects.

On a recent visit to University Park, Mr. Johnson visited ARL and the College of

Engineering, and met with ARL Director L. Raymond Hettche, Richard Stern, associate director for research, and several department heads. He toured the Laboratory and learned of such projects as LARS (The Laser Articulating Robotic System), a robotic system that uses a laser

beam to weld parts.

"I enjoyed my visit to Penn State," he said. "I visited the computer facilities and was very impressed with the academic environment."

He will return to Penn State this month to begin summer work in ARL's

Manufacturing Science Department as part of his GEM fellowship.

Mr. Johnson, who received his bachelor of science degree in mechanical engineering from Drexel University, says he plans to pursue his doctorate in the area of acoustics.

ARL co-hosts Black Engineer of Year luncheon

The Applied Research Laboratory recently co-hosted the 1990 Black Engineer of the Year Awards Conference's annual Dean's Luncheon, in an effort to honor and recruit black/African-American scientists.

As master of ceremonies, Grace Hampton, vice provost, gave the welcoming address at the luncheon, which was hosted in conjunction with the University of Texas' ARL and the University of Washington's Applied Physics Laboratory. The conference and luncheon

were held at the Baltimore Convention Center.

Approximately 70 deans and students from traditionally black colleges attended the luncheon as L. Raymond Hettche, director of ARL, gave an overview of the University's laboratory.

According to Dr. Hampton, the purpose of the luncheon was to introduce the three laboratories, highlighting educational and employment opportunities for students, as well as summer employment and research

opportunities for faculty of those laboratories.

The purpose of the conference is to recognize the contributions of black/African-Americans in science, engineering and technology, and also to allow the opportunity for students, professionals, and industry and government representatives to gather to strengthen the nationwide engineering community.

Fayette hosts 'Women's Day on Campus'

The Penn State Fayette Campus will host its 9th Annual Women's Day on Campus Wednesday, May 16, beginning at 8:15 a.m. Women's Day is an annual event that addresses concerns and issues of women.

The program will begin with registration and Agency Fair, at which local agency representatives will share information about their services and programs.

The keynote speaker for the general sessions will be Jacqueline A. Smith, the first deputy executive director for the Pennsylvania Commission for Women appointed by Gov. Robert P. Casey. She serves as an advocate for women's issues, monitors legislation affecting women and is instrumental in developing and implementing policies and programs which further equal opportunity for the women of Pennsylvania.

The luncheon speaker will be Wayne Tidale, whose speech is titled "Life...We Might as Well Enjoy It."

Cleavon Little stars on WPSX-TV show

Tony and Drama Desk Award-winning actor Cleavon Little will recreate his acclaimed stage performance as an heroic Alabama sharecropper in the American Playhouse production of "All God's Dangers," airing at 10 p.m. Wednesday, May 9.

The drama, written by Theodore Rosengarten, Michael Hadley and Jennifer Hadley, is based on Mr. Rosengarten's 1974 National Book Award winner *All God's Dangers: The Life of Nate Shaw*. Spanning a period of eight decades, "All

For any additional details or reservations, call (412) 430-4140 or -4141 at Penn State Fayette.

God's Dangers" is the poignant, powerful and sometimes hilarious story of Nate Shaw, a fiercely independent Alabama sharecropper who rebelled against white injustice during the Depression.

Mr. Rosengarten's book was based on an oral history culled from more than 120 hours of taped interviews with former sharecropper Ned Cobb. After its 1974 publication, the book received much critical acclaim and was hailed as a rare vision of rebellion by Southern blacks against servitude to the white power structure.

Videotapes available

The eight-part PBS series *Eyes on the Prize 2*, is now available on videotape for classroom use from Audio-Visual Services. This documentary series offers a comprehensive reappraisal of the leaders and the events that brought the civil rights movement from the South to the rest of the United States from 1965 through the 1980s.

Individual episodes are: *The Time Has Come* (61057.VH), *Two Societies* (61058.VH), *Power!* (61059.VH), *The Promised Land* (61060.VH), *Ain't Gonna Shuffle No More* (61061.VH), *A Nation of Laws?* (61062.VH), *The Keys to the Kingdom* (61063.VH), and *Back to the Movement* (61064.VH).

These programs are available at no charge to University faculty and staff members. At University Park, call 865-0913 to make arrangements for a preview showing. At a Commonwealth Campus, contact the instructional services specialist for more information.

The Campaign for Penn State

\$1 million endowed faculty chair established

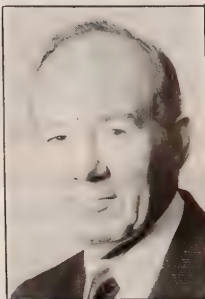
Chicago telecommunications industry executive William L. Weiss and his wife, Josephine, have established a \$1 million endowed faculty chair at the University to focus on technological advances and their impact on society.

William Weiss, a 1951 engineering graduate, is chairman and chief executive officer of Ameritech, one of seven regional holding companies formed in 1984 from the divestiture of AT&T. Josephine Berry Weiss is a 1950 liberal arts graduate.

"We are hopeful this gift will help technology and science to be an increasingly positive influence on our society's traditions, values and achievements," Mr. Weiss said. "Although broad latitude is granted in the use of this chair, it is our desire that the impact of information technologies on human life be studied as a continuing theme."

"We're grateful to Bill and Jo Weiss, who have combined their intellectual interests in making this generous gift," President Jordan said. "The distinguished AT&T Josephine Berry Weiss is a 1950 liberal arts graduate. We are hopeful this gift will help technology and science to be an increasingly positive influence on our society's traditions, values and achievements."

The Weiss Chair will be located in the College of Engineering and will support the University's interdisciplinary Science, Technology, and Society Program. The chair will be closely associated, as well, with the College of the Liberal Arts.



William L. Weiss

Previously, the Weisses had funded two faculty fellowships, each endowed with \$100,000: the William L. Weiss Endowed Fellowship in the College of Engineering and the Josephine B. Weiss Endowed Fellowship in the College of the Liberal Arts.

Both fellowships will remain intact until the Weiss Chair is fully funded. At that point, the fellowships will be folded into the chair.

After graduating from Penn State, Mr. Weiss served in the U.S. Air Force (1951-

53). After his discharge as a first lieutenant, he began his telecommunications industry career with the Bell Telephone Co. of Pennsylvania, a subsidiary of AT&T. Ultimately he became president and chairman of Illinois Bell Telephone Co. With the AT&T divestiture in 1984, he became chairman and chief executive officer of Ameritech, based in Chicago.

Under his leadership, Ameritech is competing successfully, not only in telecommunications, but also in other areas of information services as well.

Mr. Weiss is a member of the executive committee of The Campaign for Penn State. In addition, he is a 1986 Distinguished Alumnus of the University and a 1985 Outstanding Alumnus of the College of Engineering. He was awarded an honorary doctor of management degree in 1988 by Purdue University's Krannert Graduate School of Business.

He serves on the board of directors of numerous corporations and is a trustee of Northwestern University, Lyric Opera of Chicago and the Chicago Symphony Orchestra. He also is chairman of the board of trustees of the Chicago Museum of Science and Industry and a member of the Business Council and Business Roundtable.

Mrs. Weiss is a trustee of the Alder Planetarium and a vice president and board member of the Chicago Child Care Society.

AT&T Bell Labs gift

AT&T Bell Laboratories in Holmdel, N.J., has given the Meteorology Department state-of-the-art measurement systems valued at \$110,000 to use in instruction and research.

The Remtech Doppler Sodar (Sonic Detection And Ranging) system is the largest component of the gift. It measures the Doppler shift in the frequency of acoustic signals as they travel through the atmosphere and are scattered by turbulence. Scientists interpret this data to study changes in wind speeds and directions, which transport and scatter air pollutants, energy and water.

The gift also includes a modern portable field laboratory and other, smaller instruments.

"The scientists at Bell Labs recognized that Penn State has the leading meteorological remote sensing program in the country and knew that we would be able to use this equipment effectively for both student training and graduate research," Dennis Thomson, professor of meteorology, said. "Systems like this provide essential data for studies in air pollution, biometeorology, analysis of turbulence, and how microwave signals propagate through the atmosphere."

The Meteorology Department, one of the oldest and the largest in the United States, enrolls nearly 300 undergraduate and graduate students. One in four professional meteorologists in the United States is a Penn State graduate.

Schedule of commencements

Following is a schedule of commencements at the University's campuses.

Allentown: No Commencement.

Alltown: No Commencement. Convocation at 1 p.m. May 5, Community Arts Center.

Beaver: 7:30 p.m. May 11, LCB Auditorium, Joseph D'Andrea, vice-consul of Italy.

Berks: 8 p.m. May 10, Student Center Auditorium, State Sen. Michael A. O'Pake.

Delaware County: 7 p.m. May 10, Library Learning Center, Mary Ann Arly, chair, Delaware County Council.

DuBois: 2 p.m. May 11, Multi-Purpose Building, George McMurtry, associate dean for administration, College of Engineering.

Fayette: 7:30 a.m. May 12, J. Lewis Williams Building Auditorium, Eric A.

Walker, University president emeritus.

Hazleton: 7 p.m. May 11, Physical Education Building, Sen. Raphael Musto.

McKeesport: 10 a.m. May 12, First Evangelical Free Church, McKeesport, Jay Aldridge, executive director, Penn Southwest Association.

Mont Alto: 11 a.m. May 12, Campus Lawn, Judith Eaton.

New Kensington: 7 p.m. May 10, Campus Theatre, Judge Cynthia Baldwin.

Ogontz: 3:30 p.m. May 11, Physical Education Building, Anthony Fusaro, newly appointed campus executive officer.

Schuylkill: 7:30 p.m. May 10, Multi-Purpose Building, The Hon. Joseph F. McCloskey.

Shenango: 7:30 p.m. May 11, Auditorium, Thomas J. Fee.

University Park, May 11:

4:30 p.m., University Scholars Medal Ceremony, Eisenhower Auditorium.

8 p.m., ROTC Commissioning, Eisenhower Auditorium.

University Park, May 12:

9 a.m., College of Agriculture, Blannie E. Bowen, Eisenhower Auditorium.

9:30 a.m., College of Science, Bassam Shakhshiri, Recreation Building.

12:30 p.m., College of Earth and Mineral Sciences, Victor G. Beghini, Eisenhower Auditorium.

1 p.m., College of Arts and Architecture, John Plemeier, Schwab Auditorium.

1 p.m., College of Engineering, William L. Weiss, Recreation Building.

3 p.m., College of Health and Human Development, Iris R. Shannon, Eisenhower Auditorium.

4:30 p.m., College of Business

Administration, Richard L. Leshar, Recreation Building.

7:30 p.m., Graduate School, President Jordan, Eisenhower Auditorium.

University Park, May 13:

1 p.m., College of Education, Lt. Gov. Mark Singel, Eisenhower Auditorium.

1 p.m., College of the Liberal Arts, Judge Julian A. Cook Jr., Recreation Building.

3:30 p.m., School of Communications, Lawrence G. Foster, Eisenhower Auditorium.

Wilkes-Barre: 6 p.m. May 11, no speaker.

Worthington Scranton: 7 p.m. May 11, Multi-Purpose Building, Sondra Myers, cultural adviser to Gov. Casey.

York: 8 p.m. May 10, Gymnasium/Student Center Complex, Rep. William Goodling.

Research park

(Continued from page 1)

the basis of their ability to promote or enhance the strengths of our academic units."

Charles L. Hosler, senior vice president for research and dean of the Graduate School, says collaboration is the answer. "Many corporations are expanding their research and development to include information systems, policy analysis, management systems, public relations and communications that hold tremendous consulting opportunity for our faculty in a broad range of disciplines."

Research exchange programs in new and high-tech industries, consulting, sharing expensive research equipment, the possible location of think tanks, and foundation and governmental institutes can offer professional opportunities complementary to academic pursuits.

They also can provide opportunities for student internships, jobs for graduates, jobs for spouses and may increase support for academic programs.

"We need to explore thoroughly Penn State's real areas of strength. Then we'll see some meaningful linkages," Herbert Cole, professor and head of plant pathology and chairman of the University Faculty Senate Committee on Research, said.

For example, Penn State's Materials

Research Laboratory has well over 150 funded contracts and more than \$12 million in research expenditures last year. The interdisciplinary fundamental and applied research has produced a succession of new materials such as diamond coatings and composite piezoelectric ceramics used in ultra sound applications and medical imagery.

Stewart K. Kurtz, director of the lab, notes, "If we keep our attention on what we need to support faculty research and our students, a research park may have potential. After all, the Materials Research Laboratory is in itself one form of a research park, which has been successful. MRL has also been the main support for the Solid State Science Program, which is Penn State's most successful interdisciplinary graduate research program with more than 200 graduates in the last 20 years."

"Basic research in locomotion studies and human nutrition have strong industry support and could lead to potential tenants who want to work closely with our faculty," notes Michael A. Smyer, professor and associate dean for research and graduate studies in the College of Health and Human Development.

Close collaboration between the University and industry could mean cost-sharing and a reduction in the time it takes to go from applied research to the

development and marketing of a new process or product.

A recent report on "Federal Programs and Technology-based Regional Economic Development: the U.S. Experience" says conditions necessary for the successful establishment of a research park include a desirable living environment, presence of a major technological university, presence of major institutional research facilities and a skilled labor force."

The success of research parks is dependent on having both urban and industrial activity, and such parks usually take some years to reach favorable results, according to the report.

Not only does Penn State have a long track record of successful research and development partnerships with government and industry, but it also has an environment that mixes urban and rural settings.

"Information-based industries that are not geographically bound, will find a Penn State research park an attractive option," Dr. Smyer says. "The quality of life is good, the transportation is good, the cost of housing is reasonable and our schools are also good."

Phase one of the research park now in planning stages will include a research laboratory, an incubator technology center to be operated by the Centre County Industrial Development Corp., a University conference center and a conference hotel to

be financed by private investors. Morlok Development Group of Philadelphia will design and construct the facilities for this phase.

The research park will be located at the intersection of Park Avenue Extension and the Mount Nittany Expressway (U.S. Route 322), about a mile east of Beaver Stadium.

"The research park is an exciting new venture that holds potential benefits for faculty, as well as the economic development of the region," Dr. Hosler says.

Commencement

(Continued from page 1)

and as special assistant attorney general, state of Michigan, from 1968-78.

— **Lawrence G. Foster**, corporate vice president of public relations for Johnson and Johnson, for the School of Communications, May 13.

Mr. Foster managed the public relations response for the company during the Tylenol crisis in 1982 and 1986, receiving national recognition and a special Silver Anvil Award from the Public Relations Society of America. He received the Gold Anvil Award, the highest honor conferred by the Public Relations Society of America, in 1989.



Jordans honored

President and Mrs. Jordan receive congratulations for their role in The Campaign for Penn State during the Campaign Gala performance Saturday evening, April 28, in Eisenhower Auditorium at University Park. Singer Rosemary Clooney entertained the guests.

Photo: Dave Shelly.



'TODAY Show' crew visits University

Crew members from NBC's 'TODAY Show' visited University Park April 19 to tape a segment of the "Introduction to TV Meteorology" course taught by Fred Gadomski, instructor in meteorology, and Charlie Gudeman, senior producer/director, WPSX-TV. Jim Nolt, intern, is interviewed by Mike Leonard, reporter, second from left. Also pictured are Chuck Guinigan and Jack Leonard, technical crew members for Leonard Productions. Students presented their final taped weathercasts April 19, and some of their presentations will be included in Mr. Leonard's 'TODAY Show' segment tentatively scheduled for broadcast Tuesday, May 8. Photo: Scott Johnson.

Focus on the arts

The arts on Channel 3

Linda Ronstadt with Nelson Riddle and his Orchestra airs at 9 p.m. Friday, May 4, on WPSX-TV.

In 1984, Linda Ronstadt charted a new musical course when she recorded the "What's New" album, a collection of songs from the 1930s and '40s. Conducted by the renowned Nelson Riddle, the album became a best seller.

A once-in-a-lifetime gathering of percussion greats showcases the power and beauty of their instruments in "Masters of Percussion" airing at 9 p.m. Saturday, May 5.

The program brings together some of the world's greatest percussionists for a spectacular adventure in music. Featured artists include Spyro Gyra's vibraphonist and marimba player Dave Samuels, steel drum master and composer Andy Narell, African drummers Djimo Kouyate and Abas Badi and jazz drummer Ed Soph.

"Eat a Bowl of Tea," a feature film directed by the critically acclaimed Chinese-American filmmaker Wayne Wang, based on Louis Chu's descriptive 1961 novel capturing the muddled mores of New York Chinatown's post-World War II "bachelor society," will air on American Playhouse at 1 p.m. Sunday, May 6.

Museum collection

"Highlights from the Museum's Collection," an exhibition of paintings and sculpture from the permanent collection of the Palmer Museum of Art, will open Sunday, May 6, in the first floor gallery.

The exhibition includes 25 paintings and three sculptures from the Renaissance and Baroque eras through the 20th century. Many of the paintings are from the museum's collection of American art and range from the 18th century to contemporary times.

Works in "Highlights" were chosen by the museum's curator, Olga Preisner. Beginning with "Highlights," the museum will house continuous shows of its permanent collection in the first floor gallery.

The museum intends to create a gallery to house its permanent collection in its upcoming plans for expansion. Dr. Preisner said that the new galleries "will provide an excellent vehicle to conduct ongoing research on the collection."

Photo exhibit

The Outdoor Writers Association of America's (OWAA) annual photo exhibit will be at the Kern Graduate Commons Galleries at University Park during May. The display of 37 photographs from OWAA's photo contest present the world of nature, from glances of a black bear cub feasting on berries to the golden serenity of a sunset.

Black-and-white and color photos from five categories - scenic, flora, people, action and fauna - are featured in the traveling exhibit that has made many stops across the United States this past year. Nikon Inc. of Garden City, N.Y., funds the contest and exhibit.

During the first week of May, Kern is open Monday through Friday, 7:30 a.m. to 11 p.m.; Saturday, 10 a.m. to 11 p.m.; and

Sunday, noon to 11 p.m. At the close of the Spring Semester, Monday through Friday, 7:30 a.m. to 5:30 p.m., closed Saturday and Sunday.

Among this year's winners are well-known photographers Bill McRae, Judd Cooney, Ron Sponer, Dan Cox, George Harrison, Kris Thoenke and Adam Zetter, whose works have appeared in magazines such as *National Geographic*, *Field & Stream* and *Audubon*.

OWAA is an organization of nearly 2,000 professional writers, editors, lecturers, photographers, artists and radio and television broadcasters who communicate the outdoor experience to the public.

Summer art program

The HUB Craft Centre's summer program "Art Attack" is under way. There is an extensive children's program of one-day workshops, two-week series and various weekend art camps.

A special feature is an introductory fly-tying course for junior and senior high students. Also available are four days of "hodge podge" for the younger set - 5-, 6- and 7-year olds - a new art project each morning.

For adults, the Centre again offers the favorite - leaded stained glass, watercolor, weaving and wheelthrown pottery. Special offerings include Amish quilting, which starts June 11, and a one-day workshop on hand tinting photographs.

Class sizes are limited. Fees include all supplies, except where noted. Program flyers are available on the first floor of the Hetzel Union Building, and inquiries should be directed to 312 HUB or 863-0611.

Center's new season

The Center for the Performing Arts has announced plans for its 1990-91 season.

The season opens in September and runs

through April, offering a wide variety of entertainment with a lineup of 30 productions. The events are grouped into seven subscription categories, ranging from contemporary jazz to classical ballet. Season subscriptions are now available.

New to the Center's lineup is a brand-new Sunday afternoon series "Wide Eyed Wonder."

"The series is designed to introduce children to the world of the arts," Ken Foster, center director, said. "Each show is selected to appeal to the entire family, and affordable ticket prices make it easy to share the experience of live entertainment."

The Center will present two world premieres this season, both commissioned by the Center for the Performing Arts. On Oct. 5, clarinet virtuoso Richard Stoltzman will perform a piece created by a Pennsylvania composer. He will be accompanied during the concert by harpist Nancy Allen. On April 19, the Feld Ballets of New York will showcase their precision repertoire.

To commemorate the 200th anniversary of Mozart's death, the Center is dedicating the entire "Intimate Excursions" series to his music. One performance of note is The Mozartean Players classical ensemble that will perform on Jan. 26. This group plays original 18th-century instruments to recreate the music of the period with an added dimension of authenticity.

Other highlights of the 1990-91 season include:

The Pittsburgh Symphony Orchestra, led by the highly acclaimed Maestro Lorin Maazel, continues its 91-year tradition of musical excellence with a performance Oct. 15. Patron tickets will be available for this event.

On April 26, The Philadelphia Orchestra, conducted by Yuri Temirkanov, will perform as part of the Center's "Masterworks" series. The Philadelphia Orchestra is one of America's most

prominent and widely traveled orchestras.

In the jazz series called "Cool Heat," celebrated trumpet player Wynton Marsalis will perform on Nov. 2, displaying the excellence that has won him eight Grammy awards since 1983.

As part of the Center's "Bright Lights" series, two top-notch Broadway musicals will be presented.

The first, "Sarafina!" on Nov. 27, captures the struggle of South Africa's oppressed youth in this uplifting energetic story about the fight for freedom. On tour for the first time, this show contains a number of members from the original Broadway cast.

On April 6, the enchanting Stephen Sondheim musical "Into the Woods" will be presented. Winner of three 1988 Tony awards, this adult fairy tale brings together some of the best loved fantasy figures for a look at what happens after "happily-ever-after."

The Center will continue to offer its Artistic Viewpoints Lecture Series with plans for informative sessions to be scheduled throughout the season.

For a brochure or ticket information, contact the Eisenhower Ticket Center at 863-0255, open Monday through Saturday, 8:30 a.m. to 4:30 p.m.

Educational television

The University is joining Britain's Open University and Encyclopaedia Britannica Educational Corp. to produce two educational television series and telecourses for international use.

Robert Eckhardt, associate professor of anthropology, and William J. Ray, professor of psychology, are the academic leaders of Penn State's work.

The Division of Media and Learning Resources (WPSX-TV) recently hosted planning meetings for the two series, "Behavior and the Neurosciences," drawing on information from biophysics,

biochemistry, biology, psychology and ethology, and "Evolution," which looks at the latest findings in the rapidly changing field of evolutionary studies.

Projected for completion in early 1992, the projects link Penn State faculty and staff with the Encyclopaedia Britannica Educational Corporation (EBEC) and the British Open University.

The Center for Instructional Design of WPSX-TV will link with the Department of Independent Learning in the Division to provide media support in the project.

Penn State also will join with EBEC in the distribution on this side of the Atlantic, managing the marketing and promotion of the videos and course materials to colleges and universities, through the Division's Audio-Visual Services Department.

Dr. Ray says burgeoning research has spawned divergent approaches and theories in the neurosciences in several disciplines. The "Behavior and the Neurosciences" series brings these various approaches together.

Dr. Eckhardt says the innovative aspect of the "Evolution" series is the decision to incorporate the advances brought about by evolutionary biology, which is the application of genetic theory to the study of biological change over long periods of time.

Bookshelf

Luis F. Gonzalez-Cruz, professor of Spanish at Penn State New Kensington Campus, is the author of *Frontera del Mundo. El Universo Cultural de Eugenio d'Ors*, published in 1989 by Editorial Oregones, Madrid.

The book was selected as a finalist in the essay category for the Golden Letters Awards literary competition in 1987.

Dr. Gonzalez-Cruz is the first literary

scholar to analyze the narrative techniques and explore the most important fictional works of Catalan writer Eugenio d'Ors. In his minute examination of D'Ors' novels, Dr. Gonzalez-Cruz makes the case for placing D'Ors' works alongside other narrative masterpieces of the 20th century.

One critic writes that between Dr. Gonzalez-Cruz and D'Ors a "very special kind of empathy seems to have been established...an affinity that goes beyond time and space barriers and which guides (Gonzalez-Cruz) toward the creation of his own obra, bien hecha (a work well done - an

expression which D'Ors used quite frequently)."

Martha J. Kollin, associate professor of English, has completed the third edition of *Understanding English Grammar*, a leading textbook for courses in advanced grammar published by MacMillan.

The book is designed to help students understand the rules underlying English grammar emphasizing whole sentence patterns and classifying the parts of speech into categories easily understood in a student's natural use of language.

The third edition features a new chapter, "Rhetorical Grammar," on applying grammar effectively in the writing process. Other new material includes using verb forms, punctuating adverbials, structuring phrases and an analysis of problem infinitive phrases.

The first edition was published in 1982 and the second in 1986. Professor Kollin also is the author of *Language and Composition: A Handbook of Rhetoric and Language and Composition: A Workbook*, published by Macmillan in 1984.



Office of Human Resources

May 3, 1990

Report on the Staff Position Evaluation and Compensation Program

The Staff Position Evaluation and Compensation Program (SPEC) is being developed to create a new program of position evaluation and compensation for employee categories currently called staff exempt, staff nonexempt and clerical. The staff and clerical categories are being combined into a single category called staff.

During the first three months of 1990, meetings were held at every Penn State campus to encourage open dialogue about the SPEC Program. These meetings provided staff with the opportunity to learn more about the program's goals, the process and activities that make up the program, and its expected results. More important, staff members were invited to help shape its outcome through their comments on the program and its objectives.

Approximately 2,000 staff members attended the sessions and more than 700 completed "mini-surveys" designed to provide the SPEC Project Team with a written record of ideas, suggestions and concerns. The SPEC Project Team includes staff in the Office of Human Resources, members of the Classification/Evaluation System Review Committee and consultants from Mercer Inc.

"We were impressed with the high level of interest and thoughtfulness of the comments we received," Rachel Miller, manager, Salary Administration and Classification Division, said. "Not only did the members of the compensation staff read each one, the Mercer consultants assisting us with the program did so, too."

Bill Walsh, director of salary administration and benefits, adds, "The information the surveys provide will be invaluable in ensuring that the SPEC Program meets the needs of the University community now and in the future."

Staff comments reflected a wide range of ideas and concerns about the new SPEC Program project. Many remarks focused on the basics of program design, including subjects like pay grades and ranges. Others dealt with specific elements of compensation, such as the factors that will determine job value and the relationship of the University's pay structure to that of other employers where there are campuses. Many staff members questioned how the new program would be administered over the long term or how the University would communicate with staff regarding the changes.

The move to a single system for both staff and clerical positions was of great interest as well. Many staff members had questions about the impact the single staff category would have on other human resources programs such as benefits and paid time off. The effect of the single category designation on career paths and professional growth also attracted attention.

While the staff comments at meetings and in surveys touched on a broad range of University issues, Billie Willits, assistant vice president of human resources, cautions, "We must guard against expecting too much from this project. Because the program focuses on the University's jobs, their value, and how pay is determined, it's obviously an important cornerstone in the human resources structure. But it is not intended to address every human resources issue we face at our University. There are activities taking place and initiatives being developed to focus on other enhancements in the human resources programs."

In general, staff comments reflected strong endorsement of the SPEC Program's stated goals of creating a compensation structure that will be fair, equitable, and free of bias; reward excellence and provide for greater career growth opportunities; and be realistic and competitive in the marketplace.

"The high level of interest in the SPEC Program and its goals says something very positive about Penn State staff," Dr. Willits observed. "As a group, they are committed to the University and eager to help make it a better place to work. They are open to change when it means progress and enthusiastic about playing an active role in Penn State's continuing growth."

Issues

Through the open forums and written staff comments, the Project Team learned that Penn State staff members share the same concerns that originally led University management to initiate the SPEC project. Staff comments reflected a wide range of significant concerns, but ultimately focused on questions about the following seven issues:

Responsiveness to the marketplace

How do Penn State salaries compare to those being paid for similar work in other universities or academic settings,



Bill Walsh

by the business community, or in health care institutions? Are pay practices effective in recruiting and retaining skilled technical and professional staff for jobs in non-urban locations or clerical staff in cities? How will Penn State appropriately balance cost-of-living issues across a wide geographical area? What is the competitive position in various employment markets? How will the University's financial realities affect its ability to pay competitively?

The basis of reward: Merit or longevity

How should the new system value the nature of staff members' work in the University? How can the salary structure reward employees whose performance is consistently above average or excellent? What role does the volume of work play? Should Penn State reward employees for long service to the University? If there is a desire to encourage both experience at the University and high performance, how can this pay system be structured to do so effectively?

Pay structure design

What can be done to relieve compression in the existing pay structure? Should there be more grades or wider ranges? How much overlapping of pay ranges is appropriate? Are the responsibilities of staff members in a particular grade consistent across the University? How much variation is acceptable? Will one pay structure meet the needs of the entire University?



Rachel Miller

Communications

How will staff members learn about the activities of the SPEC project? How often will updates be issued? Will the new program be easier to understand and operate more openly? How much information will staff have about pay grades and ranges, job descriptions, and other elements of the new pay structure? Are supervisors going to be trained to use the new program effectively?

Elements of job value

What aspects of jobs does the University really value? Which of the factors now in use should be retained? What new factors might be added? How will factors be weighted? Is there a role for staff and management in evaluating jobs or will this be strictly a human resources function?

Program administration

Once the new program is in place, how will it be used? Will it be consistent across the University? Will there be periodic updates of job descriptions, grades, and salary ranges? What criteria will be used to make decisions about grade or salary increases? Are jobs to be reviewed even if budget constraints preclude the raises? How will the new program be affected by budgets? Will the SPEC project provide guidance or assistance in developing new job descriptions?

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Billie Willits

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Report on the Staff Position Evaluation

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Impact of the single staff category

Will the combination of staff and clerical into one category benefit everyone? What effect will the single staff group designation have on benefits, vacations, hours and overtime, and other human resources policies and programs? Is the exempt/nonexempt designation going away? How will the new classification method enhance career options and professional growth? Will there be improvement in the job posting and selection process?

The Project Team plans to have answers developed for these questions between the present time and the implementation of SPEC in mid-1991. It is a complex undertaking, one which will require effort, input, cooperation and participation of Penn State staff. As issues are resolved, the SPEC Project Team will report the findings in future issues of *Intercom*.

Response

Here are some specific comments gathered from staff members' surveys. The SPEC Project Team attempted to respond to these comments. In future *Intercom* articles, many of the issues raised by staff will be addressed in greater detail. Staff members' questions and opinions are in boldface.

Responsiveness to the marketplace

To retain current employees and attract talented individuals the University clearly must be competitive in the marketplace. But because Penn State is so diverse, both functionally and geographically, identifying and measuring labor markets is a significant challenge of this project.

"It is open difficult to lure qualified professionals to rural areas and higher competitive salaries are often essential. It is generally easier to staff clerical positions in rural areas versus metropolitan."

How the University will deal with issues like the scarcity of employees with certain skills in some locales and the costs of living in different areas of the Commonwealth has yet to be decided. As part of the SPEC Program, the Project Team is gathering data on living costs, typical salaries for a variety of positions, and pay practices among employers with whom Penn State competes for staff members. This information will help shape final compensation decisions.

"The University will continue to lose top-notch individuals in areas such as computers if we continue to set aside salaries in accordance with other universities and not with industry nationwide."

Mercer Inc. will perform an audit of the organizations with which we compete for employees for all types of positions. The Project Team needs to assess whether we recruit locally, regional or nationally to fill positions. While past practice has been to limit salary comparisons to other universities for many staff positions, that salary philosophy will undergo a comprehensive review during the project.

The basis of reward: Merit or longevity

Currently the University uses both performance and seniority as the basis on which pay decisions are made. Each technique has its costs and benefits. A decision to continue current practice or to consolidate under one approach has not been made. Because this issue has a major impact on individual pay decisions and is at the heart of the relationship between the University and its employees, this decision is an important one.

"Merit pay would be difficult to distribute and keep everyone happy. Actually, I thought the step increase system was merit pay."

Like motherhood and apple pie, the idea of merit pay appeals to a lot of people. Not everyone shares a common vision of what merit pay actually is, however. A future *Intercom* article will be devoted to explaining merit pay as compensation professionals use the term. Briefly stated, merit pay is defined as an adjustment to individual salary based on quality of work performance.

In a later stage of the SPEC Program, the Project Team and Penn State management will need to consider whether or not merit pay makes sense for the new staff category. Additional staff input, through focus groups, will be required before decisions would be made. If a type of merit pay program is implemented, all staff members will be fully informed.

"Why bother to excel and do a fantastic job when one will receive a raise anyway?"

In order to be effective, merit pay programs must first identify the performance which is truly meritorious. In this regard, the University's approach to setting performance expectations and measuring performance must be objective and comprehensive. If Penn State decides to implement a

merit pay approach for all staff, a new performance appraisal system must be developed which helps to ensure a "fantastic" job really is fantastic.

"The longer you are here, the less raises you get."

This comment addresses the very real problem of compression within pay grades and ranges. The current system was designed at a time when many employees intended to work only a few years. Today's career-minded professional (of either sex) is likely to remain in the job market for 45 or more years. Clearly, the new program must have sufficient flexibility to allow the University to continue to provide pay increases for valued long-term employees. It is too early to tell how this will be accomplished, a number of options exist and will be considered and addressed.

"PSU penalizes their long-term employees."

Establishing and maintaining a rewarding and productive long-term relationship with its employees is important to the University. However, there must be a limit to the value of any one job. In this regard, the broader objective of effective staff development and professional growth comes into play. The single staff category and uniform basis for valuing jobs will reinforce the University's commitment to promoting qualified individuals.

Pay structure design

Bringing together separate and distinct pay structures into one comprehensive design is central to the SPEC Program's objectives. This effort is made more challenging by the complexity of the University's business, organizational, and geographical considerations.

"(In our current system) two employees have the same job title even though they do totally different types of work and have totally different types of responsibilities, as well as qualifications."

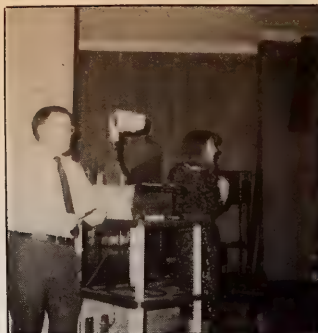
For too many years the University has struggled to cope with an outmoded pay system. Over time, our real jobs have moved further and further away from their descriptions, as this staff member notes. The new program will provide an opportunity to look at every job as it actually is performed in the University today and base job descriptions and other elements of the pay program on that information.

"Make all grades equitable University-wide."

Ensuring that job grades are equitable across the University organization is a primary objective of the SPEC Program. To accomplish this, however, the Project Team needs to know what staff members actually do and must have a method for properly measuring the content of jobs. The primary resource of the facts about what staff members really do in their jobs is the Position Information Questionnaire (the PIQ). That's why it is so important that staff members promptly and accurately complete the PIQ. There will be more information about the PIQ from Personnel Representatives and in future *Intercom* articles.



Bill Walsh solicits ideas and relays information about SPEC Program goals to a gathering of staff members at University Park Campus. Twenty-nine open meetings were held at University Park and other University locations during 1990.



Bill Walsh and Rachel Miller address a gathering of University staff members at one of the open meetings held to inform staff members about the SPEC Program.

"You say you are measuring the job, not the person in the job. How can you create a system that rewards excellence if you don't consider the individual's performance?"

This is an important question. In answering it, we must make the distinction between position evaluation and performance appraisal. Position evaluation measures and places value on a job regardless of who holds the job, and performance evaluation measures the individual's performance of that job.

Position evaluation is a major part of the SPEC Program along with a compensation program. The performance evaluation program will be revised as an offshoot of the SPEC Program to tie into the type of compensation program designed.

The SPEC Program is designed to create a framework in which all jobs can be fairly compared and equitable grades and salary ranges established. To do this properly, the Project Team must look objectively at the duties, responsibilities, and impact of each job. If we allow high (or low) opinion of the performance of the current job holder to influence the evaluation of the position, the system will not be equitable.

Communications

If the SPEC Program is to be an integral part of the relationship between the University and its employees and be the management tool that it is meant to be, it must be understood by everyone in the Penn State community. The open forum meetings and this article signify the University's commitment to enhance communication and participation.

"There is a need to tell people about factors and how the evaluation system works. As an educational institution, we do not do a good job of educating our own employees."

"Employees would like to see an open system regarding grading criteria as well as open information on salary levels."

"The high degree of secrecy associated with what is valued in a position description should be eliminated. Employees should know what elements of the job are evaluated and how they are valued, including the weighting associated with each major content of the job."

"I thought there was a magic ball which HR consulted to grade a position."

It was never intended to make salary administration seem mysterious; however, after many years of use, the current system has become difficult to understand. A primary objective of the SPEC project is to create a new system which is clear, logical, and more easily understood.

The University is committed to informing the University community about the factors used to evaluate jobs, the structure of the pay program and other related information. A policy of open communication has already begun through the open meetings and *Intercom* articles. The communications program will continue to inform staff about issues, results, and actions taken as part of the study.

"It would be helpful for first-line supervisors to have an educational orientation program explaining the new procedures and criteria that would be used in upgrading positions and establishing new ones."

The best salary program in the world will not work if the people it is meant to serve are not fully prepared to

Continued on next page

tion and Compensation Program



Staff members participate in an open meeting on the SPEC Program held at Kern Auditorium at University Park Campus.



Members of the Classification Evaluation System Review Committee John Luchini, financial officer/director of business services, Penn State DuBois Campus, and Joan Lampman, coordinator of personnel/administrative services, College of Engineering, participate in an open meeting with University staff members.

use it well. The orientation and training of first-line supervisors is already built into the plans for the introduction and implementation of the new program.

"The status of the SPEC Program should be reported regularly in the *Intercom*. Every other week isn't too often -- and in type large enough to read."

Regular project updates also are part of the plans for the SPEC Program in the months ahead. In addition to project reports, there will be *Intercom* articles on such topics as the differences between job valuation and performance evaluation, the role of technology in compensation management, merit pay, and the further implications of the single staff category. And, as readers may note, the type in this article is large.

Elements of job value

While responding to external marketplace pressures is an obvious challenge for any compensation program, maintaining an appropriate relationship among jobs within the University is a more subtle but equally important consideration. The job evaluation process that will be an integral part of the SPEC Program management. The SPEC team is currently reviewing a broad number of factors which will be considered in the design of a position evaluation plan for the wide variety of jobs in the new staff category.

"Facilitate a technically oriented career path with grades comparable to first level management so that technicians are not pressured to switch to the management track for economic reasons."

When the current pay program was designed more than 25 years ago, many of today's technologically sophisticated jobs simply did not exist. All attempts were made to adequately fit highly technical positions into the old system, but the problem this writer talks about persists. The new program will be designed to better recognize the value of these jobs to the University and to make it possible for skilled technical people to remain at the work they love.

"Volume does not seem to come into play: some of the work areas get paid the same amount of money no matter who has more work."

"Too much emphasis is put on supervision."

"Not enough credit is given for supervising other employees."

"I can't understand why the system wants to put so much emphasis on degrees."

"There's too much emphasis on degrees. Work experience should count for more."

What does the University value in jobs? Qualifications like special degrees or work experience? How much should supervision count? What about initiative? Stress? Financial responsibility? As these comments show, staff opinion is strong, but often contradictory.

The way the University ultimately answers this question will help to shape the position evaluation portion of the SPEC Program. The Project Team, working with Mercer consultants, will identify the elements that give jobs value in the Penn State environment. No matter how much information is gathered in advance, one thing is sure: not everyone will agree on the values selected. In an organization as large and diverse as the University, some differences of opinion must be expected.

Program administration

Since no program is better than its application, the administration of the SPEC Program requires input and thought. In an effort to maximize objectivity and efficiency, the Mercer consultants will provide state-of-the-art computer technology to assist in the evaluation of jobs and in the management of compensation information. The participation of University staff and managers in the job evaluation process also will increase.

"When the committee is finished with this project of job evaluations, will the University fulfill its part by implementing the changes in grades, pay, benefits? I really wonder."

The University is committed to acting on the findings of this study. It values all of the staff members and intends to pay appropriate wages for the work they do to ensure the organization's continuing success. Penn State must be able to continue to attract and keep first-rate professionals if it is to remain a first-rate University. The new salary program is essential to the sound, business-like management of the institution. The SPEC project will provide the University with a means for meeting its human and operational objectives.

"Through the years it has become harder and harder to write good job descriptions."

As our previous job evaluation program has aged, its job description models have become less relevant to the actual work staff members perform today. And, because of its complexity, employees and supervisors find it increasingly difficult to work within its structure.

The new system will have several important features which will help to relieve this problem. First, it will provide job description models that are appropriate to contemporary positions and additional instructions to help supervisors write accurate, consistent job descriptions.

Second, the new system will make use of technology to simplify the process of creating job descriptions and grading positions. Once the new computer-based system is in place, the process will be more manageable from everyone's point of view.

"Many employees are told 'there is no money in the budget for increases; therefore your job cannot be upgraded or even looked at.'"

The new system will improve many aspects of salary administration, but it cannot create funds where there are none. The new structure will, however, provide the University with an integrated, comprehensive look at salaries across the organization. If the Project Team finds that there are pockets of salary inequity within the structure, they will be identified. It will not be known for some time how many staff members will be affected. Whatever the outcome, no one's salary will be reduced because of the results of the project. At implementation, each staff member will be given clear information to learn exactly how the new compensation program will affect him or her.

"How will jobs at the Commonwealth Campuses be compared to University Park jobs? We do a lot more with fewer resources."

"Generalists should be considered equal to specialists under the new system. We often do the same work several specialists do, especially in the branch campuses."

"Work in the Hershey Medical Center is highly specialized. Clerical positions in our setting are different than in other locations. We should be compared to other hospitals, not to Universities."

From the beginning of the project, the SPEC team understood that there are differences between campuses away from University Park and main campus. In addition, the team is sensitive to special conditions that influence jobs at Hershey Medical Center.

Because comparing positions in so many varying environments is complex, consultants were selected to assist in the project who had experience with multi-campus universities, hospitals, and the business world. The methods planned to value jobs is both complete and flexible enough to correctly evaluate position similarities and differences in all Penn State workplaces.

Impact of the single staff category

The decision to integrate the clerical, staff nonexempt and exempt categories into a single and unified staff designation is a major philosophical decision on the part of the University. The full effects of this decision are currently under study. The intention, however, is to ensure that all staff are treated fairly and equitably by human resources programs and initiatives.

"In uniting the clerical and staff groups into one, does that mean benefits, vacation, and other programs will change?"

It is likely that some changes will be made regarding paid time off and other matters. Such decisions will require input from many groups within the University. The study of these issues will progress as the SPEC Program progresses. All staff will be fully informed when decisions are made.

"What will happen to the exempt and nonexempt classifications? Will they be eliminated?"

The terms "exempt" and "nonexempt" are legal terms dealing with federal legislation on minimum wage and overtime requirements. Penn State will continue to recognize positions as exempt or nonexempt in order to adhere to the law.

"Please explain how the SPEC Program will improve the status of women at the University."

The program will create a compensation system in which pay decisions are made on the basis of objective job content and competitive labor market information, not the sex, age, ethnic group, or race of the job holder. This will benefit all staff members of Penn State regardless of sex.

It would be nice to say that the SPEC Program will redress all the wrongs women and others may have suffered due to sexism, racism, age discrimination, or other social problems. This is simply not true, nor is it possible.

The Office of Human Resources report on the Staff Position Evaluation and Compensation Program is published by the Office of Public Information as part of *Intercom*, 312 Old Main, 865-7517.

It has been compiled by the staff of the Office of Human Resources and Mercer Inc. and designed by William E. Campbell and Deborah A. Benedetti. Photographs were provided by the Office of Human Resources.

SPEC: What it is, what it is not

Without question, the SPEC Program will have a significant impact on the Penn State community. It is important for all staff members to understand the goals, process and results of the program. It is equally important that staff members understand what the SPEC Program will not affect.

Briefly stated, the SPEC Program is a human resources initiative which is intended to:

- Identify and describe the University's job categories;
- Determine the internal value of each job category as well as its marketplace worth and provide a dollar range for each job category; and,
- Provide administrative policies and procedures appropriate for making fair and equitable compensation decisions in compliance with all applicable laws and regulations.

In support of these functional objectives, Dr. Jordan has identified some key goals for the SPEC Program. In a memorandum dated January 10, 1990 to University faculty and staff, he stated that the program must:

- Be fair, equitable, and free of bias;
- Provide a framework for career growth and reward excellence;
- Reflect the world of work as it exists today and recognize the essential value of jobs; and
- Ensure that the University will be able to attract and retain first-rate individuals in the job markets and fields where it competes for employees.

To accomplish these goals, the SPEC team will follow a proven procedure which was described to staff at the recent open meetings and is outlined elsewhere in this issue. Throughout the process, the SPEC team will draw on objective information about the duties and responsibilities of positions, about the competitive marketplace, and about University financial realities. The ultimate impact the project can have on the Penn State environment will be shaped and defined by this objective process.

Some of the staff comments and written remarks indicate that some staff have expectations for the program that exceed its scope. So that these expectations do not lead to disappointment with the project's results, it is important to look at what the SPEC Program will not do.

The project will not lead to salary increases for anybody; nor will there be salary decreases for anybody. Individual salary increases may occur, but these will be the exception; no one will have his or her pay reduced as a result of the study.

SPEC will not, in itself, change the status of women at the University. However, because position evaluation measures the work and not the worker, it will help to safeguard against pay discrimination based on race, age, sex, or natural origin.

The program will not - and can not - create additional funds for salaries. The amount available for University payroll is outside the scope of this project, although some changes may be made in how funds are allocated as a result of this study.

The program will not affect the performance of individual supervisors. It will, however, provide clearer guidelines and additional support that can help supervisors make sound pay decisions.

The program will not evaluate the performance of individual job holders. Position evaluation measures the duties and responsibilities, not the person performing the duties and responsibilities. Performance appraisal programs which measure individual performance are not within the scope of the SPEC Program. The current performance appraisal programs will be revised as a separate project.

The SPEC Program will not please everyone. In a community as diverse and complex as Penn State, the concerns and interests of individuals may be in conflict. This is a factor of life which the SPEC project can not alter. The SPEC Program will be designed using many of the ideas and suggestions from staff members. The final outcome will tie together the best interests of the



Members of the compensation staff at the Office of Human Resources review some of the more than 700 mini-surveys for the SPEC Program which were completed by University staff members. Shown, from left, are Roger Martell, Pam Kornasiewicz, Tom Hall and Dee Frisqure.

University with the staff input. It will ensure that decisions can be made in a fair and equitable manner.

What next?

Developing the SPEC Program will require significant efforts of University management and staff over the coming months. These efforts will be coordinated by the Mercer Inc. consultants who have been asked to assist the University. One of the initial project activities with the consultants has been the development of a detailed work plan which will serve as the guide to building the SPEC Program.

The work plan is divided into four major project phases:

Planning and Design - During this initial project phase the SPEC Project Team is gathering information, suggestions and concerns from the University community. The staff open meetings, survey questionnaires, discussions with various University management groups and ongoing dialogue with the Classification and Evaluation System Review Committee already have provided valuable input to SPEC Program design.

At this time, the Project Team is studying the specific information that impacts the design of the position evaluation system, and on the manner in which job data will be collected from staff. At the conclusion of the first project phase, the major issues and concerns affecting staff compensation will be identified and the position evaluation system will be developed. This phase is targeted to be completed by the end of May.

Data Collection - The second project phases will focus on the collection and analysis of the data which will be the basis for determining the value of staff positions.

The data will come from two major sources:

- The external marketplaces in which Penn State competes for employees. Published pay surveys are the best source of these data.
- The new job evaluation system. Each University staff member will complete a questionnaire about his or her job as an important part of this evaluation process.

Program Development - The SPEC Program final pay structure of grades and ranges will combine the internal and external data collected in the second phase. Decisions about responsiveness to the market, the effects of cost-of-living variations, and, of course, the University's financial

resources will be determined during this phase.

At this time, the University also will be developing administrative guidelines for managing the SPEC Program in the future.

Implementing Planning - The transition of the SPEC Program from a project to a major human resources program will require a great deal of communication. Major tasks in this final phase include an impact analysis, executive approvals and a complete program of training and orientation. If the SPEC Program is to be successful at Penn State, it must be understood, accepted and effectively used. Communications will play an important role in that process.

What can staff expect next?

The SPEC Project Team is currently working on the development of the position evaluation system. Job related factors are being studied, defined and discussed. Finding elements of job content which can be observed in all positions in the new staff category is quite a challenge. The University's complex organization and breadth of activity provides for a wide diversity of jobs to be evaluated.

Once the evaluation plan factors are determined, the SPEC team will develop a questionnaire called a Position Information Questionnaire (PIQ). The PIQ will be used to collect information from all University staff regarding the duties and responsibilities they perform. The questionnaires will be introduced and explained to staff members in a series of meetings held in each college or administrative area.

At these meetings, PIQ's will be distributed and thoroughly explained, the data collection process described and staff questions answered. All staff are encouraged to attend these sessions and to participate in the PIQ process. Make-up sessions will also be held to ensure maximum level of participation. It is anticipated that these sessions will be held in July.

The SPEC Program is important to the University and it's important to all staff members. It is sure to be a better program because of the total University involvement - taking place. During the coming months there will be more opportunities for interaction and communication. Future issues of *Intram* will feature more information about SPEC and the important issues surrounding it.

Opinions on SPEC project are diverse

Many years ago, Walt Whitman said, "Do I contradict myself? Very well, then I contradict myself."

He could have been speaking for the Penn State staff group. Opinions on the basic issues of the SPEC project are diverse and often in opposition to each other. Here are a few examples.

"Penn State should allow a salary differential based on a higher urban vs. rural cost of living, only if higher tuition is charged at the more urban campuses. Otherwise a campus is a campus and a job is a job."

"Regional cost of living should be reflected in the pay scale across the state. Car insurance, rental/home ownership, taxes are much higher in the metropolitan areas than in the rural areas of the state."

"As an institution of higher learning, the University should reward professional development. For years instructors have been rewarded for obtaining advanced degrees; why can't there also be incentive for others who choose to improve themselves?"

"I have a B.A. and part of my

master's but I would not like to see education used as the foremost reason for determining pay scales and upgrades. There are many qualified and competent people working without degrees."

"Decrease emphasis on supervisory responsibilities. There are many jobs in which employees deal with very high level people both on and off campus and who have significant job responsibilities which do not necessarily include supervising other individuals."

"Not enough credit given for

supervision. Keeping a department running smoothly is hard work!"

"Merit pay. There's no incentive now for doing a good job; everyone gets straight across the board raises."

"I'm against merit pay. I do not think it would always be fair."

"Allow greater autonomy within units, colleges, etc., for determining grades and salaries within the units."

"Grades and salaries should be consistent across the University."

University Park Calendar

May 3— May 20 Special Events

Thursday, May 3
Women and Men of Color, luncheon, noon-1 p.m., Nittany Lion Inn.
Friday, May 4
Registration deadline for Intercession.
Monday, May 7
Intercession begins.
Thursday, May 10
Trustees meet, University Park, through May 11.
Saturday, May 12
Commencement. Also May 13.

International Events

Education Abroad Programs
The following programs for Spring 1991 are available until Oct. 1: Athens, Exeter, Kiel, Manchester (economics), Nice, Rome, San German, Tel Aviv.

Public Radio

WPSU-FM 91.1
"All Things Considered," Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m.
"Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubinstein.
"Perspectives," 6:30 p.m. Wednesdays, with Jeff Ballou.
"Creative License," 12:30 p.m. Thursdays, with Asa Berlin and Pam Saulnier.

Conferences

Continuing Education
Keller Building
May 7. Well Control Refresher Course. Stan Supon, instructor of petroleum and natural gas engineering, chair; Norm Lathbury, coordinator.
May 7-8. Legal Rights of Exceptional Children. Bill Sterner, coordinator.
May 7-9. Turbulence Model for Computational Fluid Dynamics. Frank Schmidt, professor of mechanical engineering, chair; Barb Impellitteri, coordinator.
May 8-9. Pennsylvania Bar Institute. Jerri Milom, coordinator.
May 9-11. Simulation of Subsurface Flow and

Contaminant Transport by Finite Element and Analytical Methods. Gour-Tsyh Yeh, professor of civil engineering, chair; Barb Impellitteri, coordinator.

May 9-10. Pennsylvania State History Day. Eric Loop, coordinator.

May 9-10. Advanced Architectural Lighting. Craig Bemecker, instructor of architectural engineering, chair; Norm Lathbury, coordinator.

May 9-11. DER Mining and Reclamation. Robert Frantz, professor of mining engineering, chair; Norm Lathbury, coordinator.

Seminars

Thursday, May 3
Mechanical Engineering, 4 p.m. Mech. Engineering. Jack Howard, Massachusetts Institute of Technology.

Monday, May 7
Ag Engineering, 12:30 p.m., 244 Ag Engineering. Dr. Mamoun Ibrahim Davelbeit, Rahad Research Station, Sudan, on "Agricultural Engineering and Tillage Research in the Sudan."

Wednesday, May 9
Laboratory for Artificial Intelligence Applications, 3:45-4:45 p.m., 11 Ferguson. Dr. Donna Pequet on "Geoprocessing and Artificial Intelligence."

Thursday, May 10
Laboratory for Artificial Intelligence Applications, 3:45-4:45 p.m., 11 Ferguson. Dr. Robert N. Coulson, Texas A&M Univ., on "Intelligent Geographic Information Systems for Natural Resource Management."

Exhibits

HUB Galleries
Art Alley Panels
Diane Reedy, "A Closer Look," through June 29.

Art Alley Cases:
Metals and Clay, through May 30.

Browsing Gallery:
One Woman Show, through May 19.

Kern Galleries
Selections from the Graduate Research Exhibition, through May 15.
College Research Exhibitions, College of Agriculture, through May 25.

Palmer Museum of Art
Figurative Drawings of the 17th and 18th Centuries from the Accademia Nazionale di San Luca in Rome, through May 20.
Transforming the American Garden, through May 13.



'Portrait of the Comtesse de Tracy' by Ary Sheffer is part of the 'Highlights from the Museum's Collection' exhibit opening May 8 at the Palmer Museum of Art.

Selections from the Permanent Collection, through Oct. 7.
Craft and Community: Traditional Arts in Contemporary Society, May 20-July 22.

Pattee Library
Rare Books Room:
Photography: A 150th Anniversary Exhibit, through May 31.

Zoller Gallery
School of Visual Arts, Graduate Students Exhibition, through May 4.

TIPS

Information Penn State
Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather-234; Arts Line-345; University Calendar-456.

Penn Staters

Roy Olofson, professor of chemistry, gave an invited lecture titled "Newer Uses of Novel Haloformates and Related Reagents" at the University of Leiden, the Netherlands; the Catholic University of Louvain, Belgium; the Free University of Amsterdam, the Netherlands; and the University of Dusseldorf, West Germany.

George Evans, Evan Pugh Professor of mathematics, has been selected to serve a three-year term on the Institute for Defense Analyses Advisory Committee.

Richard E. Tressler, professor of materials science and engineering and director of the Center for Advanced Materials, served as visiting professor at Curtin University in Perth, Western Australia, and as an adviser to the Western Australian Technology, Industry, and Development Authority (TIDA).

H.L. Barnes, distinguished professor of geochemistry and director of the ore deposits research section in the College of Earth and Mineral Sciences, presented a four-day short course on "Hydrothermal Fluids and the Deposition of Ore Minerals, with Emphasis on Gold, Silver and Copper"

at the segregated University of Witwatersrand, South Africa. He also presented "Iron Sulfide Textures" to the Geological Survey of South Africa.

Patricia Farrell, associate professor of leprosy studies in the College of Health Human Development, has received the annual Merit Award from the Eastern District Association of the American Alliance of Health, Physical Education, Recreation, and Dance in recognition of her achievements in research and teaching.

Luis Gonzalez-Cruz, professor of Spanish at the Penn State New Kensington Campus, has been included in the *Biographical Dictionary of Hispanic Literature in the United States*, published by Greenwood Press. The dictionary includes the most prominent Hispanic American writers in the 20th century. Dr. Gonzalez-Cruz' entry focuses on his critical studies and his poetry.

Eugene T. McDonald, research professor emeritus of speech pathology in the College of Health and Human Development, has received the Honors of the Pennsylvania Speech-Language-Hearing Association for outstanding contributions in speech, language or hearing.

Frederick Wedler, professor of biochemistry in the Department of Molecular and Cell Biology, has been elected to the board of directors of the American Cancer Society's Pennsylvania Division and voted scientific director of the society's ninth district.

Carl H. Wolgemuth, associate dean for undergraduate studies in the College of Engineering and professor of mechanical engineering, has been elected a Fellow of the Society of Automotive Engineers for his achievements in engineering education, engineering education administration, engineering research and service to engineering and education.

Raja V. Ramani, professor of mining engineering and head of the Department of Mineral Engineering, has been named recipient of the 1990 Environmental Conservation Award of the American Institute of Mining, Metallurgical and Petroleum Engineers for "his several and diverse contributions to environmental conservation in surface and underground mine planning and design."

Harvey B. Manbeck, professor of electrical engineering, has received the annual Bernon Perkins Award from the National Frame Builders Association for

the most significant contributions to the post-frame industry.

Jerry C. Olson, professor and chairman of the Department of Marketing, organized and served as co-chairperson of a conference, "Extending the Cognitive Structure Perspective," co-sponsored by the European Institute for Advanced Studies of Management, and held in Brussels.

John Riew, professor of economics, was convenor-organizer of the Conference on Tax Policy and Economic Development among Pacific Asian Countries, held in Taipei and sponsored by Taiwan's Academia Sinica with support from the National Science Council.

Sharon A. Rolley, secretary in the School of Nursing at University Park, has been approved as a Certified Educational Office Employee by the Professional Standards Program of the National Association of Educational Office Personnel.

Nermal K. Bose, Singer professor of electrical engineering, has been named editor-in-chief of *Multimedia and Signal Processing*, a new journal in electronic engineering.

Appointments

Joseph S. DiGregorio, associate dean in the College of Engineering, has been placed in charge of the College's international programs. His new title is associate dean for commonwealth and continuing education and international programs.

"Global issues are a critical part of our technological future, and Joe DiGregorio, with his extensive experience in industry and in program development and planning, is the ideal person to further develop our international programs," John A. Brighton, dean of the College of Engineering, said.

In addition to the management of engineering commonwealth and continuing education, Dr. DiGregorio will coordinate and enhance the College's existing programs and develop new areas of concentration.

"Dr. DiGregorio will concentrate on developing new links with key foreign universities, with an emphasis on student and faculty exchanges, continuing education programs and research and education collaborations," Dean Brighton said.

Dr. DiGregorio joined the College of Engineering in 1987 as associate dean for commonwealth and continuing education after several years as an administrator of continuing education programs at Rice University, Houston. He was a research engineer for Shell Oil Co. for 11 years before joining Rice.

He holds a B.S. in chemistry from the University of Notre Dame and a Ph.D. in chemistry from Penn State.

In conjunction with Dr. DiGregorio's expanded activities, **David A. Long**, professor of civil engineering, has been named director of continuing education in the College of Engineering. He will supervise engineering continuing education programs which reach more than 10,000 technical specialists annually.

Thomas V. Gibson, director of food services since 1985, has been appointed assistant vice president for Housing and Food Services. Lisa Wandel, who has been acting assistant director of Food Services since January, has been promoted to assistant director of food services.

In announcing the appointments, James M. Wagner, vice president for business and operations, said that a national search will be conducted to fill the director of food services position.

Mr. Gibson, who has a bachelor's degree in finance from Seattle University, was senior administrator for food services at the University of Washington from 1981-85. Prior to that, he held a series of food service managerial positions with the SAGA Corp. at the College of Idaho, Willamette University, University of California at Santa Cruz and Arizona State University.

For the past two years, Mr. Gibson has taught a course in food service sanitation and purchasing in the School of Hotel, Restaurant and Institutional Management. He currently is chairperson for the National Association of College and University Food

Services National Conference to be held this July in Baltimore.

The assistant vice president for Housing and Food Services has responsibility for residence and dining hall operations for 16,000 students, serving 35,000 meals each day at University Park, seven Commonwealth campuses, Penn State Erie, The Behrend College, and Penn State Harrisburg. The Office of Housing and Food Services employs more than 800 full-time and 1,200 part-time people and has a total annual budget of more than \$60 million.

Ms. Wandel, a 1982 graduate of Penn State with a degree in hotel, restaurant and institutional management, worked for several State College restaurants before becoming an assistant dining hall supervisor in 1984. She was promoted to dining hall supervisor in 1986.

A member of the menu committee, Ms. Wandel helped create Penn State's American Regional Dinner entry in the National Association of College and University Food Services 1988 menu contest. The menu won first prize in the special events category. She has been actively involved in the academic year and summer Student Food Service Intern Programs.

The assistant director of food services has responsibility for the operations of eight dining commons at University Park and of the test kitchen. The dining commons employs 231 full-time staff, more than 800 students and has a total annual operating budget of \$19 million.

Martin Goldberg has been appointed associate librarian and director of the library at the Penn State Beaver Campus.

Prior to joining the Beaver Campus staff, Mr. Goldberg was the instructional media director of the Library of the United States Merchant Marine Academy, Kings Point, N.Y.

He received a bachelor's degree in communication arts from the New York Institute of Technology and a master's degree in library science from the Palmer Graduate School of Library Science at Long Island University.

He received a certificate from New York University's Institute on Telecommunications in Higher Education and holds an advanced diploma (post masters) in instructional communications from Hofstra University. He also earned a master's degree in education for the disadvantaged learner at City College of New York.

Mr. Goldberg is a member of the American Library Association and a variety of other professional organizations. He recently served as a film evaluator for the Nassau Library System. He also served on the Post Secondary Standards Committee of the Association for Educational Technology and Communications.

Robert W. Groves III has been appointed executive director of development in the Division of Development and University Relations.

He comes to the University from Wright State University, where he directed the university foundation and office of development.

Mr. Groves will manage the operations of the University's fund-raising programs and direct the development staff assigned to the various colleges and academic programs.

Mr. Groves was associate director of trusts and estates at Ohio State University from 1986 to 1987. From 1980 to 1986, he served in Ohio State's College of Agriculture, first as coordinator of alumni relations and development and then as director of development.

He graduated with a degree in agriculture from Ohio State in 1979.

Diana Lee Kenepf has been named director of the Academic Support Center for Student-Athletes.

Appointment of Ms. Kenepf, who has been serving as acting director of the center, was announced by C. Gregory Knight, vice provost and dean for undergraduate education.

A 1963 graduate of Penn State with a B.S. degree in physical education, Ms. Kenepf received an M.S. degree in physical education, with a minor in health education, in 1977.

She was a teacher in the Halifax, Pa., Area School District, from 1963 to 1964 and joined the faculty at Penn State as an instructor in health education in 1974.

She served as coordinator of the undergraduate program in health education from 1982 until 1987 when she was named athletic academic adviser/counselor in the Academic Support Center for Student-Athletes. She was appointed assistant director in 1988 and acting director in September 1989.

The mission of the center, which was established in December 1986, is to provide appropriate academic support services and University Faculty Senate and NCAA academic eligibility information to all student-athletes.

Ms. Kenepf has been active in college and departmental activities, serving as chair and member of the College Curriculum Committee and a member of the Academic Standards and Substitution Committee and Library and Resources Committee.

In the Department of Health Education, she has been chair and member of the Curriculum Committee and a member of the Promotion and Tenure Committee and Semester Transition Committee.

A member of the Association for the Advancement of Health Education, she also is a member of the American Alliance for Health, Physical Education, Recreation and Dance, American School Health Association, National Association of Academic Advisors for Athletics, and National Academic Advising Association.

Alphonse E. Leure-dupree has been named to the newly established position of associate dean for academic achievement and director of special programs at the Hershey Medical Center. His responsibilities for special programs include minority recruitment and retention and affirmative action.

To continue an emphasis on academic achievement in both teaching and research, Dr. Leure-dupree will be responsible for events such as Convocation; the Dean's Distinguished Teachers Award; the Dean's Lecture Series; Medical and Graduate Student Research Day; and student academic awards and prizes. He also will be responsible for summer programs such as the Equal Opportunity Planning Commission and Whitaker Foundation Scholarships and coordinating other programs.

Dr. Leure-dupree is professor of anatomy and neuroscience and interim chairman of the Department of Anatomy. He most recently served as assistant dean for student affairs, years I and II. He earned a B.A. degree from Rutgers University, New Jersey; an M.Sc. degree from McGill University, Montreal, Canada; and a Ph.D. degree from the Institute of Ophthalmology, University of London. He received additional training at the University of Rome.

Jo Ann Stephens, instructor in the General Engineering Department, has been named director of the Engineering Advising Center.

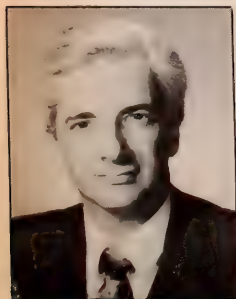
The Engineering Advising Center, created in 1984 to help engineering students in all aspects of university life, counsels all freshman and sophomore engineering students on scheduling, curricular requirements and choice of a major.

As director, Ms. Stephens oversees the advising activities of faculty and staff. She also coordinates the Freshman Testing, Counseling and Advising Program each summer and provides assistance to visiting high school seniors and works with Commonwealth Campus advisers.

Ms. Stephens teaches engineering graphics and has been the General Engineering Department faculty representative to the Advising Center. She is a specialist in computer-aided drafting.

She holds two degrees in civil engineering, a B.S. from the University of Maine and an M.S. from Carnegie Mellon University. She currently is working toward a Ph.D. in instructional systems at Penn State, concentrating on planning programs in industry and education. She is a Pennsylvania registered professional engineer.

Ms. Stephens joined the engineering faculty in 1985, coming from the Community College of Allegheny County where she was an instructor. She also has worked with Materials Engineering and Testing Inc., D'Appolonia Consulting Engineers Inc., the U.S. Army Corps of Engineers and the U.S. Steel Corp.



Joseph S. DiGregorio



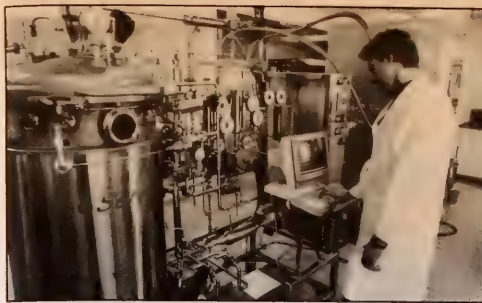
Martin Goldberg



Robert W. Groves III



Jo Ann Stephens



Kevin Smith, Pilot Plant supervisor, works with the 300-liter fermentor in the newly completed Bioprocessing Resource Center Pilot Plant. The grand opening for the Pilot Plant is scheduled for 11 a.m. May 8 in Wartik Laboratory.

For bioprocessing pilot plant Grand opening ceremonies set

The Bioprocessing Resource Center Pilot Plant will hold a grand opening on Tuesday, May 8, at University Park.

Opening ceremonies will take place in Room 111 Wartik Laboratory at 11 a.m. Included in the program, Tours of the facility in Fenske Lab will begin at noon and continue until 2 p.m. Faculty and staff are invited to attend.

Raymond Christman, Pennsylvania secretary of commerce; J. Lloyd Huck, president of the Board of Trustees, and President Jordan will be the featured speakers at the opening ceremonies.

The pilot plant was constructed with the combined support of the Pennsylvania Department of Commerce's Industrial Resource Center Program and Penn State to help Pennsylvania's small, biotechnology

companies succeed in commercializing their products. This state-of-the-art facility gives biotechnology companies a powerful tool for scale-up research in microbial fermentation, cell culture, and downstream processing.

Bookshelf

Allan Quigley, assistant professor of education, has edited a book titled *Fulfilling the Promise of Adult and Continuing Education*. Included in the book, published by Jossey-Bass, is an authored chapter, "Influencing Social Policy."

Faculty members receive Research Initiation Grants

Twenty-six faculty members have received one-year Research Initiation Grants from a fund approved by President Jordan. The awards were made from the program which was established to encourage and support research and other creative work by new faculty.

Faculty members at all campuses with no more than two years of service accumulated before September 1990 were eligible for the 1990-91 grants. The funds were awarded to support lines of research that may lead to external sponsorship.

Faculty members awarded grants and the grant titles are:

J.F. Annett, assistant professor of physics, "Theory of High Temperature Superconductors;" **Karen Bartsch**, assistant professor of psychology, "Acquiring a Theory of Mind: Children's First Reasoning About Beliefs;" **Johann Baumgartner**, assistant professor of marketing, "A Comprehensive Investigation of Holistic and Analytic Modes of Product Perception;" **Erella Brown**, assistant professor of comparative literature and

Hebrew, "Reconsidering the Prohibition Against Idolatry: Cultural Differences Between Modern Jewish and Western Literatures;" **Andrew R. Buchman**, assistant professor of molecular and cell biology, Roles of Multifunctional DNA-Binding Proteins in Transcriptional Silencing;

Jude Cassidy, assistant professor of psychology, "Infant Response to Maternal Emotional Expression;" **Daniel W. Conway**, assistant professor of philosophy, "The Recovery of Virtue: Nietzsche and the Art of Moral Philosophy;" **Richard Cyr**, assistant professor of biology, "Microtubule Binding Proteins in Higher Plants;" **Charles A. Dangler**, assistant professor, experimental pathologist, Department of Veterinary Science, "Atherogenic Mechanisms Involved in a Herpes Virus-induced Model of Atherosclerosis;" **Eliot Frutkin**, assistant professor of anthropology, Changes in Household Production and Nutrition Among Livestock Pastoralists of Kenya and Botswana; **David S. Gilmour**, assistant professor of molecular and cell

biology, Purification of the General Transcription Factors of *Drosophila*; **Taylor Greer**, assistant professor of music, The Musical Humanism of Charles L. Seeger;

Peter L. Hahn, assistant professor of history, Penn State Erie, The Behrend College, "United States Policy Toward the Arab-Israeli Crisis, 1947-67;" **John M. Halbrecht**, assistant professor of pathology, Fruit Research Laboratory, "Biological Comparisons and Virus Vector Efficiency in Morphologic Variants of *Xiphinema Americanum Sessile* Lute in Pennsylvania Orchards;" **Nigel David Higon**, assistant professor of mathematics, "Almost Homomorphisms and K-Theory;" **William J. Kraemer**, associate professor of applied physiology, "The Effects of Detraining on Muscle Strength and Anaerobic Power;" **Shiruki Kumanyika**, associate professor of nutritional epidemiology, Retrospective Pilot Study of Reasons for Race Differences in the Efficacy of a Weight Loss Program; **Lyle N. Long**, assistant professor of aerospace engineering,

Low-Density Hypersonic Flow Using Massively Parallel Computers;

Jane Medford, assistant professor of biology, "Manipulation of Vegetative and Reproductive Meristematic Genes;" **Francis J. Mulhern**, assistant professor of marketing, "An Empirical Analysis of the Price Sensitivity of Hispanic Consumers;" **Laura L. Pauley**, assistant professor of mechanical engineering, "A Numerical Study of Nozzle Boundary Layer Transition;" **Londa Schiebinger**, assistant professor of history, "History of Early Modern European Science;" **Hoi K. Suen**, associate professor of educational psychology, Integrating Measurement Errors in the Statistical Evaluation of Change; **Jean-Claude Vuillemin**, assistant professor of French, Theatricality in the Dramatic Texts of Jean Rotrou; **Peter M. Walsh**, associate professor of fuel science, Control of Formaldehyde Emissions from Methanol-Fueled Vehicles; **Peter C. Weber**, assistant professor of microbiology and immunology, Mechanism of Recombination in the HSV-1 Genome.

Biologist will present Pollard lecture

Philip C. Hanawalt, professor of biology at Stanford University will present the Ernest C. Pollard Lecture at 3:30 p.m. Friday, May 18, in Room 112 Kern Building at University Park. He will discuss "Selective DNA Repair in Expressed Genes."

Dr. Hanawalt a member of the Stanford faculty since 1961, has been director of the Biophysics Program and chairman of the Department of Biology. His research has focused on DNA repair

in biological systems and its role in carcinogenesis.

The Ernest C. Pollard Lecture Fund was organized by donations from friends, colleagues and associates of Ernest Pollard. Dr. Pollard, who taught at Penn State from 1961 to 1971, founded the Biophysics Department which eventually merged with the Biochemistry and Microbiology departments to form the Department of Molecular and Cell Biology.

Literacy grant

The Berks Campus Penn State Educational Partnership Program and the Institute for the Study of Adult Literacy have received a two-year \$45,294 grant from the U.S. Department of Education to develop a student Literacy Corps program.

The Berks Campus PEPP program, in coordination with the Institute for the Study of Adult Literacy, will develop a Student Literacy Corps Program at Berks Campus.

David Bender of Berks Campus will

be the project administrator; Ivys Rodriguez, director of PEPP at Berks Campus, will be the project director. Sheila Sherron, literacy specialist and research associate at the Institute for the Study of Adult Literacy will act as technical adviser.

Obituary

Elsie Trabert, retired associate professor of home economics, died April 23 at the age of 88. She joined the faculty Aug. 1, 1934, and retired July 1, 1966.

Faculty/Staff Alerts

Fixed-Term I appointments

Faculty or staff members on Fixed-Term I appointments may continue certain University benefit programs for the period between appointments, provided they have a firm commitment of re-employment on a Fixed-Term or Standing Appointment basis to begin within no more than three months of the end of the last appointment.

A faculty or staff member may continue the benefit coverage by paying the full rates including the University and the faculty or staff member's share of the cost of the group life insurance and hospital/surgical/major medical, dental and vision coverage, and, if applicable, the voluntary accidental death and dismemberment insurance and long-term disability.

However, after three years of continuous Fixed-Term I service (of nine months or more each year), and a commitment of re-employment for the next academic year,

the benefits are provided at the regular rates (the amount that is normally deducted from the faculty and staff members' salary).

Any Fixed-Term I faculty or staff member interested in continuing benefit coverage (including dependent coverage) should contact his or her personal representative or director of business service to complete the necessary form for coverage. This must be completed prior to the expiration of the current Fixed-Term I appointment.

Questions regarding this program should be directed to the Employee Benefits Division (865-1473 or Network 475-1473).

National Health/Fitness Day

On Wednesday, May 16, all University faculty, staff and their families are invited to take part in the second annual National Employee Health and Fitness Day. More than 400,000 workers across the

nation are expected to participate in this campaign designed to promote exercise and fitness on the job. This nationwide event is modeled after Illinois Employee Fitness Day which has been a success since its inception in 1982.

Penn State is one of many major employers recognizing the fact that exercise is an effective means to help employees establish and maintain good health and feel more productive both in their personal lives and on the job.

On May 16, University employees will be asked to engage in their favorite aerobic fitness activity (i.e. walking, jogging, swimming, cycling, etc.) and report that activity (in miles) to be counted toward Penn State's goal of "Crossing America."

To be included, it will not be necessary to participate in any organized activity or program. The exercise may be done on one's own. However, as time, resources,

and staffing permit, some campuses may be promoting informal group activities.

Flyers containing a tear-off "Cross America Report Card" will be available in departments and work areas shortly. The report cards should be returned through campus mail to the Faculty/Staff Health Promotion Program Office at University Park on May 17 so that the final calculation of miles may be completed and the results reported.

Participating employees will receive a National Employee Health and Fitness Day certificate acknowledging their contribution toward achieving Penn State's goal.

The success of this event depends on a common commitment to Have Fun and to Report exercise miles on May 16. Keep an eye open for upcoming additional information or call the Faculty/Staff Health Promotion Program Office at (814) 865-3085.

Ninth group of buildings begins campuswide recycling program

April 30 kicked off the ninth group of University Park buildings to start the campuswide recycling program.

People are reminded that not all waste is acceptable for recycling. There are two separations: one for paper and one for containers. Other material is considered non-recyclable trash and should be discarded as usual.

Recyclable paper includes white ledger paper (writing, typing and copy), newspaper, computer printout and corrugated cardboard.

Not acceptable are regular cardboard, such as cereal boxes, envelopes, post-it notes, paper plates, cups, towels or colored paper. Paper must be dry and not contaminated by food. Also, containers

should be rinsed before depositing in the collection boxes.

Acceptable containers include clear, green and amber glass, aluminum cans, plastic soda bottles without caps, plastic milk and water jugs (no caps), steel and tin metal cans.

The buildings are Computer Building, Findlay Computer Lab, Forum, Intramural Building, Natatorium, Pattee Library, Swine Research Lab and the Undergraduate Library.

On May 21, the following areas will participate: Barbara Building, Central Milk Testing Lab, East Area Locker Room, Fleet Operations, Holuba Hall, Hostetter Business Services, Shields Building, Indoor Tennis Courts and Wagner.



George Schimmel, director of maintenance and operations at Physical Plant, presents a replica of the new paper recycling truck to members of Arts 371, a graphics design class. The students, led by Kristin Breslin, assistant professor of art, created the logo for the new truck. Photo: Richard Ackley.

College is selected for Hoover memorial scholarship award

The College of the Liberal Arts has been selected to receive one of the six 1990 J. Edgar Hoover Memorial \$2,500 scholarship awards sponsored by the Society of Former Special Agents of the FBI Inc.

The universities receiving the 1990 awards are chosen by society members selected at random from each of six national regions. The selector from the mid-Atlantic region is Lloyd W. Arms Sr.,

whose son, Lloyd Jr., graduated from Penn State and served 20 years as a special agent of the FBI. Mr. Arms designated Penn State as his choice for the award.

The annual Living Memorial Scholarships are part of the J. Edgar Hoover Memorial, originated and administered by the society and totally funded by donations. The program is designed in memory of the first FBI director for his zealous pursuit of

excellence in educational standards for the FBI.

Edward Pennpacker, vice president, Mid-Atlantic Region, and Delmar Mayfield, Harrisburg area chairman of the society, presented the \$2,500 to Hart Nelsen, dean of the College of the Liberal Arts, and Daniel Maier-Katkin, chair of the Administration of Justice Department.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-4004.

NETWORK LINE 433-0040. Applications for these staff vacancies will be accepted until May 10. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment Practices (FES) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

• Senior Applications Software Designer/Programmer, CES, Management Systems, University Park Campus - Responsible to the assistant manager, applications, development, for leadership of major data processing development projects. Requires bachelor's degree, or equivalent, two to three years of effective experience in computer programming, systems analysis, management information systems and/or fourth-generation development environment. Experience in accounting, financial management, budgeting or other administrative areas is desirable. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991. THIS IS A RE-ANNOUNCEMENT - PREVIOUS APPLICATIONS NEED NOT REAPPLY. STAFF GRADE 7

• Assistant Director of Development, Development and University Relations, Hershey Medical Center - Responsible to the associate

director of development for coordinating a variety of special events and projects, acting as primary liaison with outside groups, coordinating appeals and publications, and contributing to various office projects and publications. Requires bachelor's degree or equivalent, plus one to two years of development-related experience. Oral and written communication skills are essential. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991. WITH GOOD POSSIBILITY OF REFUNDING. STAFF GRADE 6

• Coordinator, Residency Program, College of Medicine, Department of Medicine, Hershey Medical Center - Responsible to the assistant dean for external relations and continuing education for coordinating the day-to-day activities of the Department of Medicine Residency Program to include assisting in the recruitment of residents and development and maintenance of the budget. Requires an associate degree, or equivalent, in business administration, plus one to two years of effective experience. STAFF GRADE 4.

• Incubator Program Manager, Penn State Great Valley - Responsible for identifying, funding opportunities recruiting clients and for day-to-day management of all incubator services. Act as liaison with program advisory board and University economic development services; develop and manage publicity programs to identify and serve clients; negotiate leases and develop policies. Requires bachelor's degree, or equivalent, in business administration or related field and two to three years of effective experience in application and proposal development; familiarity with business plan development, financing and business operations of start-up technology businesses preferred. STAFF GRADE 7.

• Business Procurement and Marketing Specialist, Penn State Harrisburg, Small Business

Development Center - Responsible to the center director for the implementation of business counseling and training programs directed at the needs of small business owners and managers. Provide small businesses with assistance in securing government contracts, as well as in other areas of business management. Research government contract opportunities; develop and maintain data base. Requires master's degree, or equivalent, in business or public administration, plus one to two years effective experience in government procurement, preparation of proposals, or closely related business research. STAFF GRADE 7

• Director of University Relations, Mont Alto Campus, University Relations - Responsible to the campus executive officer for organizing and conducting a comprehensive University relations program for the entire campus including continuing education, Office of Public Information and Relations, gifts and endowments, alumni and community activities. Requires bachelor's degree, or equivalent, plus two to four years effective experience preferably involving newspaper and/or journalistic writing. STAFF GRADE 8.

• Production General Manager of Theatre, Arts and Architecture, Theatre Arts, University Park Campus - Establish, monitor and administer the University Resident Theatre Company (URTC) budget, monitor technical department budgets for Pennsylvania Centre Stage (PACS). Formulate yearly estimated income statement for URTC. Create URTC maintenance performance and production master calendar and performance/rehearsal production master calendar for PACS. Oversee URTC promotion and publicity. Requires bachelor's degree, or equivalent, in theater, plus four to five years effective experience in general theater management and/or production management. Knowledge of all areas of theater management required. STAFF GRADE 8.

In addition, there are a number of positions that, because of the frequency with which they become vacant, are still available after employees in the work unit have been considered. Some such positions are available on a fairly regular basis. They are not announced each time they are open. Instead, they are announced periodically so a pool of interested candidates can be developed. Applications for such positions may be made at any time, and you are welcome to make your interest known to the Employment Division for further consideration when such vacancies occur. These positions are:

Position title	Location
Assistant Research Engineer	ARL
Associate Research Engineer	ARL
Research Engineer	ARL
Senior Research Engineer	ARL
Cardiology Technician	Hershey
Clinical Laboratory Assistant	Hershey
Clinical Laboratory Technologist (HEW)	Hershey
Clinical Nursing Specialist	Hershey
Cyto-Technologist	Hershey
Hemodialysis Technician	Hershey
Licensed Practical Nurse	Hershey
Medical Technologist	Hershey
Nuclear Medicine Technologist	Hershey
Ophthalmic Technologist	Hershey
Perfusionist	Hershey
Pharmacist	Hershey
Physical Therapist	Hershey
Physician's Assistant	Hershey
Psychiatric Assistant	Hershey
Radiologic Technologist (Jr. and Sr. Levels)	Hershey
Respiratory Therapy Technician	Hershey
Staff Nurse	Hershey
Vascular Radiology Technologist	Hershey

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William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

May 3, 1990
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OFFICE OF HUMAN RESOURCES INSERT

Included in this edition of *Intercom* is a special insert devoted to a report on the Staff Position Evaluation and Compensation Program.

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INTERCOM

May 17, 1990

Volume 19, Number 32

Information submitted for publication in *Intercom* is due by noon on the Thursday before publication.

Seven are elected to University's Board of Trustees

Seven individuals have been elected to the Board of Trustees. All will serve three-year terms beginning July 1. Elected by Penn State alumni were:

- **Mary Greeley Beahm**, compensation analyst for Westinghouse Electric Corp., Pittsburgh. She replaces Helen Dickerson Wise of Harrisburg, a Trustee for 21 years who chose not to run for re-election.

- **H. Jesse Arnette**, senior partner of Arnette and Hastie, a corporate law firm in San Francisco, and a Trustee since 1969.

- **Joel N. Myers**, founder, president and chairman of the board of Accu-Weather Inc. of State College, and a Trustee since 1981.

Elected by agricultural society delegates were:

- **William H. Ringler**, master of the Pennsylvania State Grange and farm owner-operator in Berlin, and a Trustee since 1987.

- **David A. Morrow**, owner-manager of Arch Spring Farm in Tyrone, and a Trustee since 1987.

Elected by industrial society delegates were:

- **William A. Schreyer**, chairman and chief executive officer of Merrill Lynch and Co. Inc. A member of the Board of Trustees since being appointed by the governor in 1986, he replaces Howard O. Beaver Jr. of Reading, a Trustee for 12 years who chose not to run for re-election.
- **Bernard Hankin**, president of Bernard Hankin

Builders, Exton, and a Trustee since 1984.

Ms. Beahm received a bachelor's degree (1981) from the College of Health and Human Development and a master's degree in business administration (1987), both from Penn State. She served as a student Trustee while a graduate student.

Mr. Arnette is chairman of the Board of Trustees' Educational Policy Committee and member of the Presidential Selection Committee. A member of the Class of 1955, he is past president and co-founder of the Penn State Renaissance Fund and a life member of the Penn State Alumni Association.

Mr. Myers, a member of the Board of Trustees' executive committee, earned three degrees from Penn State, in 1961, 1963 and 1971. He served on the Penn State faculty from 1964-81.

Mr. Ringler has been a dairy, beef cattle and crop farm owner-operator for 48 years. In 1988, he received the "Person of the Year Award" from the Somerset County Chamber of Commerce. He has also received the Century Farm Award, Granger of the Year Award, Pennsylvania Master Farmer (1974) and Grange Award for Public Service (awarded to both him and his wife).

Mr. Morrow, former professor of large animal clinical services at Michigan State University, earned a bachelor of science degree from Penn State in 1956 and received his D.V.M. in 1960 and Ph.D. in 1966 from Cornell

University. Now a State College farm owner-manager, he has held the offices of vice president and member of the executive board of the Penn State Alumni Association.

Mr. Schreyer, a Williamsport native, earned a bachelor of arts degree in commerce and finance from Penn State in 1948. He currently is national chairman of The Campaign for Penn State, which has raised more than \$300 million since its inception six years ago. The recipient of the Distinguished Alumnus Award in 1979 and the Alumni Fellow award in 1983, both from Penn State, he is a life member of the Penn State Alumni Association.

Mr. Hankin, president of a company specializing in residential construction, received a bachelor of science degree in civil engineering from Penn State in 1943 and earned a certificate in soil mechanics from Harvard Graduate School in 1944. He is founder of the Bernard Hankin Professorship in Residential Construction at Penn State, past chairman of the Industrial and Professional Advisory Committee of the Civil Engineering Department and member of the Mount Nittany Society.

The Board of Trustees has 32 members: five ex officio, nine elected by alumni, 12 elected by delegates of agricultural and industrial societies and six appointed by the governor. Ex officio members include the governor, University president and state secretaries of agriculture, education and environmental resources.

Reorganization is approved for the College of Education

The Board of Trustees has approved a reorganization of the academic divisions within the University's College of Education.

The realignment will allow for the establishment of six academic departments to replace the three divisions and one department that currently exist in the college.

"The changes are designed to position the college to carry out its missions more effectively by clarifying the identity of its units in terms of their intellectual core, alignment with nationally accepted designations, and research focus," Rodney J. Reed, dean of the college, said.

The new structure will consist of the following departments:

- Administration, Policy, Foundations

and Comparative/International Education. The department will include programs in educational administration, higher education, educational policy studies, educational foundations (philosophical, historical, socio-cultural), and comparative and international education.

- Educational and School Psychology and Special Education. The department will include educational psychology, school psychology and special education programs.

- Counselor Education, Counseling Psychology and Rehabilitation Services Education. The department will include counselor education, counselor psychology and rehabilitation services education programs.

- Vocational and Industrial Education. It

(Continued on page 3)



Instead of a traditional commencement address, Broadway playwright John Pielmeier read from some of his own plays during commencement exercises for the College of Arts and Architecture May 12. (Photo: Dave Mengle)

Trustees approve proposed Beaver Stadium expansion

The Board of Trustees has authorized the Office of Physical Plant to continue site preparation and utility improvements in early June for a proposed 10,300-seat expansion of the Beaver Stadium.

The proposal calls for the addition of an upper deck on the stadium's north end. The steel and concrete structure would partially overhang the existing north stands.

Two circulation levels under the deck include spectator services such as restrooms, vending areas and first-aid facilities. A retaining wall to be built on the north side of the stadium will provide entry points and help overcome the site's existing steep slope.

The University had originally considered a second deck on the east side of Beaver Stadium. The contemplated end zone location, however, was determined to be more cost-effective, enabled planners to add 1,000 additional seats, and brings spectators closer to the field of play.

When the addition is complete, Beaver

Stadium will accommodate approximately 94,000 spectators.

In other action, Trustees:

- Approved final plans and authorized the University to obtain bids for construction of a classroom-office building on the University Park Campus.

- The five-story, 95,000-square-foot building will house classrooms, lecture halls and offices for the Statistics Department and the dean of the Eberly College of Science. It will have a student capacity of approximately 1,600.

- As designed by IKM Inc. of Pittsburgh, the building will be located on the northeast corner of the intersection of Pollock and Shortridge roads. The project budget is \$11.2 million.

Athletic field space replaced by the building is expected to be regained when the Poultry Plant off Bigler Road is demolished. The poultry facility will be relocated, and new playing fields are planned for development on the site.

- Approved the appointment of TKLP Inc. (The Kling-Lindquist Partnership Inc.) as the architect for the Applied Research Laboratory Building proposed for the University Park Campus.

- The four-story, approximately 50,000-square-foot building will include lab, office, computer room and exhibit space. It will be located on the west side of North Atherton Street.

- Parking space taken up by the structure will be replaced. Also, a pedestrian bridge that would cross over North Atherton Street is planned as part of the project.

- Approved final plans and authorized the University to award contracts for a new Golf Course Maintenance Facility to serve the Blue and White Golf Courses at the University Park Campus.

- As designed by the Office of Physical Plant, the facility will include five buildings for a total of 8,234 square feet. It will be located on the Blue Course just west of Corl Road and south of the existing

maintenance road.

The five buildings will include a maintenance building, an equipment storage building, two material storage buildings and a wash bay structure.

- Approved final plans and authorized the University to obtain bids and award contracts for a new 800-space student commuter parking lot on the University Park Campus.

- The lot will accommodate parking for students currently using parking lot 80, which will be reassigned for staff parking. The reassignment will free the parking area behind Eisenhower Auditorium for construction of a proposed parking garage. As designed by the Office of Physical Plant, the lot will be located south of Curtin Road and west of Porter Road near Beaver Stadium. The project budget is \$2.44 million, to be repaid by revenues generated by parking fees.

Focus on Diversity

Film on racist undercurrents is nearing completion

After seven months of filming and dozens of re-writes, a gritty look at racist undercurrents in everyday life is near completion by Penn State student filmmakers.

The 20-minute film "An Early October," centers on how stage roles force two actor-roommates -- one Black/African American, one White -- to confront and try to overcome the racial animosities between them.

"We know when this film goes out before the public, some people will want to tear it down," says Molly R. Rodriguez, co-

producer of the film with three other senior film majors. "But if we can touch at least one person, or make them think in a positive way about racial harmony, we'll have achieved our goal."

The film, developed as a class project, was written and directed by Kevin Rolly of Gibsonia.

"Prejudice is a huge topic, so rather than focus on the big picture, we chose to approach it in a more personal matter," Mr. Rolly notes. "We want the audience to see some part of themselves reflected in the characters' struggle."

The group hopes to make "An Early October" available for use by campus and civic groups across the country, Ms. Rodriguez says. How soon, and through what channels, depends on the group's funding search for post-production and distribution.

"Most of us will stay here after graduation to finish it up," she said. "We'd like to share it with a lot of people."

Guiding the project on the academic side was Jeff Rush, professor-in-charge of film and video for the School of Communications.

Most of "An Early October" was filmed at the Boal Barn Playhouse in Boalsburg, home of the State College Community Theatre. In addition to its four senior producers, the film's cast and crew came from among Penn State's undergraduate theater and film majors.

"The response from the crew has been amazing, and the actors were right on the money," Ms. Rodriguez says. "Even when the script was going through the grinder, everybody really got into it. What we have now is all our ideas put together."

WPSX-TV planning series on Blacks in rural Pennsylvania

WPSX-TV has announced plans for a series of documentaries chronicling the experience of Blacks in rural Pennsylvania.

"The Blacks in rural Pennsylvania Project," the working title, is set to begin production later this year and will focus on the personal experiences of Blacks in rural Pennsylvania from the time of slavery to the present.

"We are pleased that our Rural America Documentary unit is developing a series on the experiences of Blacks in rural Pennsylvania," Station Manager John Grant said. "This is a topic of importance and one not widely covered."

Documentary producer P.J. O'Connell adds, "There is comparatively little TV production or research about rural Blacks in the North, particularly in Pennsylvania."

An informal advisory group, made up of experts in Black history, Black studies, and communications from the University community and elsewhere, will work with Mr. O'Connell to ensure an accurate portrayal of the Black experience in rural Pennsylvania as possible. Bruce Dunn, head of production at WPSX, is leading the advisory group.

Mr. O'Connell stresses the fact that the Blacks in rural Pennsylvania project will not be an historical survey of the entire rural Black culture, but rather, a study of individual families and communities, in an attempt to "sample as wide a variety of Black experience (in rural Pennsylvania) as we can, and let non-Black neighbors know what it's been like for some of their friends."

WPSX-TV program

Tony Brown's Journal, airing at 11:30 a.m. Sunday, May 20, on WPSX-TV, presents a look "Inside the Klan." The Ku Klux Klan is one of America's first organized groups. In 1941, a Florida-born investigative reporter named Stetson Kennedy successfully infiltrated the Ku Klux Klan for 12 years. In a chilling expose before a studio audience in New Orleans, Mr. Kennedy recounts his years as a spy, exposes the Klan's hidden tactics and explains the dangers the group poses to the country.

"African Journey," a major three-hour production from a story by David Eames, tells the dramatic story of two young men from different continents who discover how similar they are despite opposite lifestyles and cultures. *Wonderworks*, proudly presents the American television premiere of "African Journey" airing at 12:30 p.m. Sunday, May 20.

New documentary is now available

7th and T (61072, VH) documents the story of black life in a Washington, D.C., neighborhood through personal accounts and histories of its residents.

Using photographs and drawings, the program traces the story of the neighborhood surrounding 7th and T streets from the founding of Howard University in 1867 through the opening of the Howard Theatre in 1910 to the closing of Tim's Hot Dog Stand in 1968.

This program is available at no charge to University faculty and staff members for classroom use. At University Park, call 865-0913 to make arrangements for a preview showing. At a Commonwealth Campus, contact the campus instructional services specialist for more information.

Five high-achieving minority students graduate

Five high-achieving minority students who had their first taste of Penn State in a high school summer program five years ago are graduating from the University this year.

The five -- all from the Philadelphia area -- were honored at a special reception hosted by the College of Health and Human Development at University Park.

The students were among the first participants in the Minority Advanced Placement Program, a five summer

enrichment program initiated by Penn State in 1985 for minority students in Pennsylvania high schools. Students participate in MAPP during the summer before their senior year in high school.

Developed and administered by the College of Health and Human Development, MAPP introduces academically talented students to health care and related fields. It offers seminars on study techniques, test-taking skills and other

preparation for college, as well as a three-credit Penn State course, tuition-free. Students who pass the course are guaranteed admission to Penn State.

The five graduates are: Mark Anderson, West Chester; Lavarr Dixon, Philadelphia; Chris Heath, Lansdowne; Sharon Lee, Melrose Park; and Jennifer Mayo, Kennett Square.

MAPP served 35 students at two Penn State campuses in its first year and has since

grown to serve approximately 90 students at seven campuses each summer. It is one of five summer programs developed by the College of Health and Human Development to introduce minority students to career possibilities in health care. The summer offerings are funded by the college, the University and the U.S. Department of Health and Human Services.



Agricultural research center dedicated

Nearly 300 guests attended a luncheon May 9 to honor provost emeritus Russell E. Larson and commemorate the naming of the Russell E. Larson Agricultural Research Center at Rock Springs. Charles E. Hess, assistant secretary for science and education, U.S. Department of Agriculture, delivered the principal address. Shown looking over the 1,500-acre research center from State College are, from left, Dr. Hess, College of Agriculture Dean Lamarine F. Hood, Dr. Larson and President Jordan. (Photo: Steve Williams)

Supplies procedures being reorganized

The Office of Business and Operations is reorganizing its procedures for the purchase and delivery of supplies required by University departments.

The new plan, effective July 1, provides for supplies to be available from two sources:

-- General Stores: office supplies, computer hardware, software and supplies, janitorial supplies, scientific supplies, furniture, dry ice, lamps and light bulbs, bulk papers, and envelopes.

-- Physical Plant Stores: automotive supplies, building supplies, electrical supplies, plumbing supplies, and refrigeration supplies.

"The organizational change will eliminate the duplication of inventory items between General Stores and Physical Plant Stores," James Wagner, vice president for business and operations said.

"Under this plan, with two store

operations -- General Stores and Physical Plant Stores -- we gain efficiencies of operation, but not at the inconvenience of the customer. At the same time, the Office of Physical Plant gains much needed space."

A new General Stores catalog is being printed and will be sent to all departments. The General Stores order form using the electronic approval system (EASYS) will continue. Deliveries will continue to be made to departments and campuses.

A separate Physical Plant Stores catalog will be printed and distributed to existing customers. Departments which require the Physical Plant Stores catalog, but do not receive a copy in the mail, may request a copy by calling 865-1701.

An order form for Physical Plant Stores, using the electronic approval system (EASYS), is being developed and will be available on July 1.

Obituaries

Jay R. Kramer, preventive maintenance worker, Office of the Physical Plant, from Feb. 22, 1971, until his retirement April 1, 1984, died May 1 at the age of 60.

Robert W. Woods, retired senior engineering aide at the Applied Research Laboratory, died May 1. He was 59.

A graduate of the University with an associate degree, he served in the U.S. Navy during the Korean War. He joined the Applied Research Laboratory staff on July 21, 1952, and retired Jan. 1, 1985.

From the Trustee Docket

Interim budget

The Board of Trustees has approved an interim maintenance and operating budget for the fiscal year beginning July 1.

The interim budget was approved at the level of the adjusted 1989-90 budget -- \$1,152,372,000 for all divisions, including the Hershey Medical Center and all auxiliary enterprises.

"Since we don't yet know what the state appropriation will be for the University, we couldn't present a final budget for the Board of Trustees' approval at this meeting," Steve Garban, senior vice president for finance and operations, said.

"Therefore, the University will need an approved interim budget to enable it to operate into the new fiscal year, which starts July 1. The Board is not scheduled to meet again until after that date."

The interim budget was approved with the recommendation that no action be taken at this time on changes in tuition, salaries and wages, staff benefits, or other necessary expense increases.

A final budget will be submitted at the July 13 Board of Trustees meeting, if and when the state appropriation is clarified.

Facilities report

The Board of Trustees has received a report on space and facilities planning at the University Park Campus.

The report, prepared by the Facilities Resources Management staff under the direction of the Facilities Resource Committee, details action taken since 1983 to meet the space requirements of academic programs and support functions at the campus; a specific plan for space allocation from 1990 to 1994, and a general plan for 1995 to 2000.

In presenting the report, James M. Wagner, vice president for business and operations, noted that the number of faculty and staff requiring office space at University Park has grown by more than 1,000 since 1983, while student enrollment has increased by more than 3,300 in the same period.

"A driving force causing need for additional facilities," he said, "has been the rapid increase in research. The level of research has increased nearly three fold. We are in a period of high energy, vitality and growth of many existing and new programs."

Pointing out that no state capital funds were provided for new buildings during the

period, Mr. Wagner said the University turned to private fund support and issued bonds to build new facilities, including four academic buildings -- Wartik Laboratory, Research Building E, Halliwell Office Building and Engineering Shop Building. In addition, 35 buildings were renovated to make existing space more usable, and the University turned to leasing space off campus.

"We currently lease more than 200,000 square feet in 22 locations in State College Borough and adjacent townships," Mr. Wagner said. "We view this as a temporary solution and are planning to get out of most leased space within a five- to 10-year time frame."

"Anticipating further growth, the report presented to Trustees details specific space plans for each major academic and administrative unit of the University Park Campus for the next five years. Included are plans for \$91 million in new building construction from University sources."

"We also are hoping for future support from the Commonwealth on many badly needed capital projects," Mr. Wagner said. "Currently, we have nearly \$172 million in projects, for which the state has already appropriated funding. The real question is when will the funds be released for design

and construction." Mr. Wagner said the plan, which has been reviewed by academic deans, student leaders, the Academic and Physical Planning Committee of the University Faculty Senate, and representatives of several area governing authorities, is subject to change.

"We have many critical needs for space such as the Library, research space and the convocations/entree center," he said. "This plan does not solve all needs."

"It does not improve significantly present crowded conditions. It meets minimum conditions. Faculty and staff will still be required to live with some temporary solutions."

He urged Trustees to help convince the state to strategically examine the release of funds for capital construction projects not only at Penn State but throughout the Commonwealth.

"In retrospect," Mr. Wagner added, "Penn State could have put its dollars over the past six years, into buildings and infrastructures instead of academic program support, and reduced the scope of the problem we face today. However, Penn State would not have gained the national recognition it has as one of the nation's leading, vital and dynamic research universities."

Status of Women

Progress continues to be made on the recommendations of the Strategic Study Group on the Status of Women, the Board of Trustees has learned.

Jill L. Findeis, chairperson of the Commission for Women and associate professor of agricultural economics, outlined progress on the recommendations in 1989-90 for the Trustees.

"A number of projects benefiting women are in process and are moving forward," she said.

They include the following, undertaken by the University's administration, Faculty Senate, Commission on Racial/Ethnic Diversity and Commission for Women:

- inclusion of goals to address women's issues in the University's strategic planning

process:

- job reclassification for clerical and staff employees;
- changes in employee leave policies;
- study of initiatives to improve the classroom climate for women students;
- curriculum integration;
- creation of the Task Force on Adult Life and Learning;
- an annual report on the status of women to be published by the Commission for Women;
- creation of a committee to examine the images of people of color and women in University media; and
- child care initiatives.

Among the improvements in the area of child care initiatives were the construction of a child care facility at The Milton S. Hershey Medical Center; the appointment

of a child care task force, which released its report in 1990 to the Office of the President; President Jordan's appointment of an advisory committee and a committee to oversee implementation of the task force's report; and the advertisement for a child care director.

In her report, Dr. Findeis focused on improvements and changes related to the commission's goals, which include continuing to review progress on the job reclassification study of the Office of Human Resources; supporting recruitment and retention of women at all levels and in all position categories; encouraging efforts to change attitudes toward women; improving benefits and encouraging changes leading to a more flexible work environment; supporting expansion of child-care options; and supporting efforts of

women of color to achieve equality.

One area of continued concern is the effective recruitment and retention of women in leadership positions.

When the Strategic Study Group on the Status of Women made its final report in 1988, it proposed a goal of balanced representation of men and women in leadership positions by increasing the percentage of women to 50 percent in academic, administrative and management positions by the year 2000.

"The Commission for Women is helping the University to provide the necessary infrastructure to make the goal of balanced representation for women a reality," she said.

Academic programs

The Board of Trustees has approved changes in academic programs.

Trustees approved upgrading the Office of General Education in the College of Arts and Architecture by creating the Department of Integrative Arts.

Trustees also approved name changes for two departments. In the College of Engineering, the Department of Electrical Engineering will be changed to the Department of Electrical and Computer Engineering to reflect more accurately the department's structure and degree offerings. In the College of Science, the Department of Astronomy will be called the Department of Astronomy and

Astrophysics to reflect its interdisciplinary research.

The following changes in graduate and undergraduate programs also were reported to the board:

The College of Agriculture has two new programs: a doctoral program in wildlife and fisheries science and a master of forest resources degree program in wildlife and fisheries science.

The Graduate Program in Systems Planning and Development in the College of Health and Human Development has been dropped. The program has been replaced by the graduate programs in health policy and administration and administration of justice.

In the College of the Health Arts, the

Russian technical translation major will be changed to the major in Russian translation, and the minor in Russian technical translation will be upgraded to the minor in Russian translation.

College of Education

(Continued from page 1)

will include vocational industrial education, home economics education, health occupations education and industrial training programs.

- Adult Education and Instructional Systems will include adult educational and instructional systems programs.

- Curriculum and Instruction. The department will include early childhood education, elementary education, secondary education, curriculum supervision, reading, communication and language education, mathematics education, science education, social science education and foreign language/bilingual education programs.

"The proposal was widely disseminated and thoroughly discussed among faculty within the college, central administration and the University's Faculty Senate," William Richardson, executive vice president and provost, said. "And all had given favorable reviews."

The changes will become effective in the fall.

Eleven graduate students honored for teaching

In a University-wide competition, 11 graduate students have been selected to receive the new Graduate Assistant Award for Outstanding Teaching.

"We are delighted to introduce these new awards to recognize outstanding teaching by our graduate students," Dr. Howard B. Palmer, senior associate dean of the Graduate School, says.

From the quality of the nominations, it is evident that we have an impressive number of graduate students who are superbly instructing. We hope these awards will enhance the appreciation, both within and outside Penn State, of the quality of teaching represented by these fine young people."

Sponsored jointly by the Graduate School and the Office of the Vice Provost and Dean for Undergraduate Education, the

awards of a certificate and \$500 each recognize excellence in teaching in the areas of physical science and engineering, life sciences, social and behavioral sciences, and arts and humanities.

Teaching assistants nominated for the award were evaluated by the selection committee for the effectiveness of their presentation, mastery of subject matter, use of effective learning techniques, clear and fair student evaluation procedures, accessibility to students, the quality of oral and written feedback to students, recognition of student individuality and their rapport with students. All are taught at least two semesters.

The 1990 award winners are:

- Arts and Humanities: **Linda Ferreira-Buckley**, English; **Chantal Huyghebaert**,

linguistics; **Kathryn McClintock**, art history; and **Wibieke Strehl**, German.

- Life and Health Sciences: **James A. Strauss**, physiology;

- Physical Sciences and Engineering: **Scott Mandia**, meteorology; **Sandra Scrivener**, aerospace engineering;

- Social and Behavioral Sciences: **Cheryl Comeal**, human development and family studies; **Dipankar Ghosh**, business administration; **Joan McGettigan**, mass communications; **Andrea Ogonosky**, school psychology.

Faculty/Staff Alerts

Parking in lot 80

Beginning immediately, student lot 80 will be available for parking for faculty and staff vehicles displaying a current regular parking permit or current part-time parking permit. Lot 80 will be available for faculty and staff parking throughout the summer until Aug. 19.

Student lot 80 is posted no parking 4 to 6 a.m. Monday through Friday. However, this restriction will be eliminated until Aug. 19.

Obituary

Joseph H. Harris, body repairer, Office of the Physical Plant, from May 4, 1970, until his retirement Jan. 1, 1982, died April 24 at the age of 74.

Carpooler

Ride wanted from Lock Haven to the University. Work hours: 8 a.m. to 4:30 p.m. Call **Scott** at (717) 748-4412.

Focus on the arts

Subterranean garden

Chicago artist Donna Zarbin Byrne's installation "Terra Reverie: A Cultivated Space" will transform Zoller Gallery at University Park into a subterranean garden May 18 to June 24.

"Terra Reverie: A Cultivated Space" explores the connection between a mythological plant world and the dream-filled region of the artist's mind. The installation presents references to science and history as well as to myths, demonstrating new interpretations by the artist. The plant forms carry subtle personal messages woven into their roots and stems. Ms. Byrne, a well-known sculptor and installation artist, has exhibited her work in New York, California, Wisconsin, Texas, New Mexico and Israel.

The exhibition is supported by grants from the Pennsylvania Council on the Arts and the Office of Summer Sessions. Summer hours for the Zoller Gallery are: 10 a.m. to 4 p.m. Monday to Friday, 11 a.m. to 4:30 p.m. Saturday, and noon to 4 p.m. Sunday.

The arts on Channel 3

The Mozart *Misique* with Peter Ustinov, airing at 9 p.m. Friday, May 18, is a two-hour special offered in anticipation of the 200th anniversary of Mozart's death at the age of 35 in 1791. The program presents a fascinating look at Mozart both as man and artist.

Host Peter Ustinov chronicles the major events in Mozart's life in his own engaging style, relating anecdotes and stories about

Mozart's colorful lifestyle and the often unlikely circumstances under which his works were created.

Major European opera companies, orchestras and soloists, including the Vienna Philharmonic conducted by Georg Solti and the Royal Opera House Choir and Orchestra of Covent Garden, provide excerpts from Mozart's wide range of compositions for opera, symphony orchestra and chamber ensembles. The program includes selections from Mozart's *Marriage of Figaro*, *Symphony No. 40*, *Eine Kleine Nachtmusik* and his famous *Requiem*.

At 11 p.m. May 18, *The Immortal Beethoven* with Peter Ustinov looks at both the mortal and immortal aspects of the life of Ludwig van Beethoven. Mr. Ustinov begins the program in the small house in Bonn, Germany, where Beethoven was born in 1770, and later travels to Mosbroich Castle, near Cologne, painting a picture of Beethoven's life in broad strokes.

HUB Browsing Gallery

"One Woman Show," a collection of black and white photographs by Susan Rattenbury, recent bachelor of fine arts graduate, is on display through May 19 in the Browsing Gallery of the Hetzel Union Building at University Park.

Museum gala

Holuba Hall at University Park will be transformed into a Texas ranch for The Black Tie and Boots Ball sponsored by the Friends of the Palmer Museum of Art.

The annual fundraiser will start at 7:30 p.m. Saturday, May 19, and will feature an authentic Texas barbecue and dancing, as well as an auction of donated items.

A wide variety of donated items will be auctioned throughout the evening to raise money for educational programs and artistic events at the Palmer Museum.

The Palmer Museum of Art is the only major art museum between Pittsburgh and Philadelphia. All of its exhibitions and supporting programs are free and open to the public.

Chairpersons for the ball are Lana Raup and Jean Dance. Cochairmen are Judy Allara and Leslie Asbury. Tickets are \$75 per person and include champagne, wine, a Texas-style buffet and a contribution to the museum. For tickets, call 863-2142.

Crafts exhibit

An exhibition featuring handcrafted objects from 24 Pennsylvania counties will be on exhibit from May 20 to July 22 at the Palmer Museum of Art at University Park.



"Two Vermilion Azaleas" by Annette Shirey McHugh is on display in the West Lobby Gallery in Pattee Library.

"Craft and Community: Traditional Arts in Contemporary Society" includes objects representing many occupational, regional and religious traditions that have been carefully preserved by contemporary craftsworkers.

The exhibit is co-sponsored by the Balch Institute for Ethnic Studies and the Pennsylvania Heritage Affairs Commission, supported with a grant by the National Endowment for the Humanities.

The exhibition is free and open to the public. Museum hours are: Tuesday to Friday, 10 a.m. to 4:30 p.m.; Saturday, 11 a.m. to 4:30 p.m.; and Sunday, noon to 4 p.m.

WPSU fund-raiser

Nearly \$9,000 was raised for the support of Penn State's WPSU-FM (91.1) during the station's spring fund-raising drive, station officials have announced.

The money will be used for programming and new equipment purchases, and to otherwise supplement the station's operations budget, Dave Dzikowski, station manager, said.

"The response has been terrific, and we're very grateful that all of the communities around the University are supportive of our efforts to bring them the

best in news and music," Mr. Dzikowski added.

The student and volunteer-operated station is part of the School of Communications. Donations are accepted year-round, and volunteers are now being sought to support station activities during the summer.

Art Alley Panels

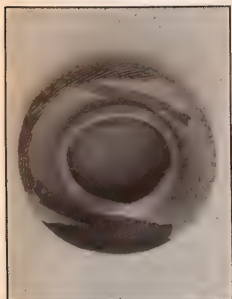
"Diane Reedy: A Closer Look" is on display until June 29 in the Art Alley of the Hetzel Union Building at University Park.

Working in the contemporary medium of acrylics, Diane Reedy stresses light and color over form. Mrs. Reedy, of Lewisburg, is a 1975 graduate of Glassboro State College, Glassboro, N.J. She has won numerous awards for local, state and national shows.

'Metals and Clay'

"Metals and Clay," recent works in metals by State College artisan James MaloneBeach, is on display until May 30 in the Art Alley Cases in the Hetzel Union Building at University Park. The works are in metals, especially silver, and mokume, a

(Continued on page 5)



James MaloneBeach's works in clay and metals are on display in the HUB Art Alley Cases.

'Stars of Summer' to be featured in Summer Sessions

"Stars of Summer" will be featured in Penn State's Summer Sessions programs during June and July with the study of astronomy being presented through lectures, seminars, observatory sessions and visits to Davey Labs.

Arthur B.C. Walker Jr., professor of applied physics at Stanford University, Summer Sessions' keynote speaker, will present an open lecture at 8 p.m. Wednesday, July 18, in the Hetzel Union Building Assembly Room at University Park.

New activities are three lunchtime brown bag seminars at the Pavilion Theatre. On Wednesday, June 13, Larry Ramsey will present Big Telescopes; on Wednesday, July 10, Louis Winkler will discuss Educating Scientists for the Future; and on Friday, July 27, France Cordova will talk about "Women in the Sciences."

Buses will transport stargazers to Black Moshannon State Park for a tour of its observatory and a lawn star party on Thursday, June 28, and Thursday, July 11, with the following days listed as rain dates. The buses will leave the HUB at 8:30 p.m.

Reservations are required and can be made by calling 863-4174.

Two star parties are scheduled for the sixth floor of Davey Labs. On Thursday, June 21, a Summer Solstice Star Party and open house will be held from 9 to 11 p.m.

The rain date is June 22. A Delta Aquarid Meteor Shower Star Party and open house is scheduled for Friday, July 27, from 9 to 11 p.m. The rain date is July 28.

Special exhibits will be mounted during June by the Department of Astronomy in Kern Commons Gallery and in Pattee Library's Rare Books Room.

Seven seminars are planned for the Fireside Lounge at the Nittany Lion Inn. Each event will begin with refreshments at 3:30 p.m. and the talk at 4 p.m.

Scheduled are: June 7, Andrew Ewing, associate professor of chemistry, "Electrochemistry in Ultrasmall Environments;" June 14, Adrian Ocneanu, professor of mathematics, June 21, Eric Feigelson, professor of astronomy, "Portrait of the Sun as a Young Star;" June 28, Stephen Schaefer, assistant professor of biology; July 5, Dan Weedman, professor

of astronomy, "Telescopes for the Next Millennium;" July 19, Andrea Mastro, professor of cell biology; July 26, Jayanth Banavar, associate professor of physics, "Molecular Dynamics of Fluid-Solid Systems."

The air will be filled with music at noon Tuesdays and Thursdays in June and July during Summer Sessions' "Diversions" concerts at Fisher Plaza. In the event of rain, the programs will be held at Kern Commons.

The Graduate Student Association is sponsoring "Explazaganza" concerts on Thursdays beginning at 7:30 p.m. in Fisher Plaza.

Displays at the HUB Galleries will include: "Images '90" in the Formal Gallery and Browsing Gallery, July 9 to 27; "A Closer Look" in the Art Alley Panels, through June 29; photographs by Susan Rattenbury, through May 19 and "A Very Special Art," by Special Olympians, June 1 to 18 in the Browsing Gallery.

Museums at University Park will offer a variety of exhibits throughout the summer. This year, for the first time, the

Anthropology Museum will be open during the summer. Hours will be Mondays through Thursdays, 11 a.m. to 4 p.m. and during Arts Festival week, Wednesday through Sunday, 1 to 5 p.m.

Josef Haslinger, a writer-in-residence at Oberlin College, the German Department's guest speaker, will present a public lecture on Monday, July 16, and a reading from his works, in German, on Thursday, July 19. Both events will begin at 8 p.m. with the location to be announced.

The German Department also is sponsoring a series of seven films to be shown on Tuesday nights, June 19 through July 31, beginning at 8 p.m. in 108 Wartik. With the exception of the July 3 film, all films will be shown in German with English subtitles.

Other activities include: - GSA-sponsored films at Fisher Plaza Tuesdays in June and July at 9 p.m.; - films on the HUB lawn at 9 p.m. June 6, 13, 20 and 27; July 18 and 25 and Aug. 1;

- an open house and craft demonstration at the HUB Craft Centre on June 5 from 7 to 9 p.m.

University Park Calendar

May 17— June 3 Special Events

Monday, May 21
Commission for Women, meeting, 2-4 p.m., 256 Hammond.

Friday, May 25
Shaver's Creek, Owl Prowl, 8-10 p.m. Call 863-2000.

Sunday, May 27
Shaver's Creek, Skulls, Skins and Things, 2-4 p.m. Call 863-2000.

Monday, May 28
Memorial Day, no classes.

Friday, June 1
Intercession ends.

Sunday, June 3
Eight-Week Session begins, arrival day for new students.

International Events

Education Abroad Programs

The following programs for Spring 1991 are available until Oct. 1: Athens, Exeter, Kiel, Manchester (economics), Nice, Rome, San German, Tel Aviv.

Public Radio

WPSU-FM 91.1

All Things Considered, Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m. "Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Robinson. "Perspectives," 6-7 p.m. Wednesdays. "Creative License," 12-30 p.m. Thursdays, with Asa Berlin and Pam Saulner.

Conferences

Continuing Education

Keller Building

May 17-18. Coal Cooperative Research, Alan Davis, director, energy and fuels research center, chair; Jack Sinclair, coordinator.

May 18. Quality Management within Staff Development: An Integrated Approach. Stephanie Tyworth, program assistant, Office of Health Care Program Development, chair.



Susan Rattenbury's black and white photographs are on display in the HUB Browning Gallery through May 19.

Jerri Milsom, coordinator.

May 18-19. Conference on Mathematics and Science. Gary Mullen, associate dean and professor of mathematics, chair; Norm Labhary, coordinator.

May 18-19. National Association of Geology Teachers. Brian Torrey, assistant professor of environmental sciences, chair; Eric Loop, coordinator.

May 18-20. Adult Golf School. Bob Intrieri, PGA master professional, chair; Jerri Milsom, coordinator.

May 19-20. Pennsylvania's Aware. James Fay, assistant director of residence hall programs, chair; Jack Sinclair, coordinator.

May 20-25. The American Acoustical Society. S. I. Hayek, professor of engineering mechanics, chair; Chuck Herd, coordinator.

May 21-22. Pennsylvania Presents. Norm Labhary, coordinator.

May 21-25. HEC 2 Flood Plain Hydraulics. Arthur Miller, professor of civil engineering, chair; Barb Impellitteri, coordinator.

May 22. CIRP International Working Seminar. Inyong Ham, professor of industrial

engineering, chair; Bill Sterner, coordinator.

May 23-24. Pennsylvania Council of Teachers of Mathematics. Robert Nicely, assistant dean of continuing education and commonwealth relations, College of Education and professor of education, chair; Jerri Milsom, coordinator.

May 23-25. North American Manufacturing Research. Paul Cohen, associate professor of

industrial engineering, chair; Bill Sterner, coordinator.

May 27-June 2. Elderhostel 1. J. Jerome Zellen, assistant professor of speech communications, chair; Jack Sinclair, coordinator.

May 29-31. Stormwater Management. David Kikler, professor of civil engineering, chair; Barb Impellitteri, coordinator.

May 30-31. Overview of the Coal Mining Industry. Robert Frantz, professor of mining engineering, chair; Eric Loop, coordinator.

May 30-June 1. Planning and Designing Longwall Mining Systems. R. V. Ramani, head, Department of Mineral Engineering, and professor of mining engineering, director; Norm Labhary, coordinator.

May 30-June 1. Troubleshooting O & M Problems in Wastewater. David Long, professor of civil engineering, chair; Eric Loop, coordinator.

May 30-June 1. Poles/Past Alumni Conference. Ed Donovan, assistant professor of administration of justice, chair; Kathy Karchner, coordinator.

May 30-June 2. Acoustics and Signal Processing. Alan Stuart, senior research associate, chair; Kathy Karchner, coordinator.

June 1-3. American Region Mathematics League. Bill Sterner, coordinator.

June 1-3. Adult Golf School. Bob Intrieri, PGA master professional, chair; Jerri Milsom, coordinator.

June 1-3. Union Leadership Academy. Gilbert

Call, assistant professor of labor studies, chair; Chuck Herd, coordinator.

June 3-8. Occupational Safety and Health Administration Institute. Richard Hendle, associate professor of labor studies, chair; Chuck Herd, coordinator.

Exhibits

HUB Galleries

Formal Gallery, Art Alley, Browning Gallery: "A Very Special Arts," June 1-18.

Art Alley Panels:

Diane Reedy, "A Closer Look," through June 29.

Art Alley Cases:

James Malone/Beach, Metals and Clay through

May 30.

Ann Nicholson Tait, "Collage Jewelry Creations," through May 30.

Browsing Gallery:

Susan Rattenbury, "One Woman Show," through May 19.

Kern Galleries

Selections from the Graduate Research

Exhibition, through May 15.

College Research Exhibitions, College of

Agriculture, through May 25.

College Research Exhibitions, College of

Medicine, May 28-June 15.

Palmer Museum of Art

Figurative Drawings of the 17th and 18th Centuries from the Accademia Nazionale di

San Luca in Rome, through May 20.

Selections from the Permanent Collection,

through Oct. 7.

Craft and Community: Traditional Arts in

Contemporary Society, May 20-July 22.

Pattee Library

Lending Services Gallery:

Kim Fisher, "By the Mountains and the Sea,"

through July 6.

Rare Books Room:

Photography: A 150th Anniversary Exhibit,

through May 31.

East Corridor Gallery:

Dori Lemeh, "The Gathering," through June 1.

West Lobby Gallery:

Annette S. McHugh, Chinese Brush Paintings

through July 6.

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather, 234; Arts Line, 345; University Calendar, 456.

Focus on the arts

(Continued from page 4)

Japanese technique for combining metals.

A graduate of Bemidji State University in Bemidji, Minn., Mr. MaloneBeach received a master's degree in art metalsmithing from the University of Iowa. His work has been shown in numerous art shows.

Jewelry exhibit

One-of-a-kind collage jewelry creations by Ann Nicholson Tait of Boalsburg will be on display in the glass cases lining the HUB Art Alley through Wednesday, May 30.

Made from collectible trinkets such as antique buttons, beads, buckles and other tiny treasures, each piece takes hours to create and is assembled by hand using wire and various glues to insure its sturdiness. Because of the special memories hidden within the component parts of the jewelry, Ms. Tait calls the collection "Merry Memorabilia."

She has exhibited her paintings and won awards in many group competitions and has had 24 one-artist shows. This is her fourth jewelry exhibit.

Pattee exhibit

The East Corridor Gallery of Pattee Library is housing an exhibit titled "The Gathering," by Dori Lemeh, through June 1. The paintings are large oil on canvas renderings of trees, rocks, landscapes, and "inner landscapes." Color plays a huge role

in these canvases as they explode, drip and meander.

Ms. Lemeh has participated in numerous group exhibitions. She received her master of fine arts from Penn State in 1989 and now is an assistant professor of art in the School of Visual Arts.

Chinese brush paintings

Chinese brush paintings by Annette S. McHugh are on display in the West Lobby Gallery of Pattee Library through July 6.

The exhibit, titled "Thoughts of the East," features traditional Chinese permanent ink on rice paper. The subjects are primarily floral with the exception of "Green and Purple Grapes with Butterflies" and "Pink Pine and Pine Cone."

Of Chinese brush paintings, Ms. McHugh says, "In order to master the brush painting technique in the traditional manner, one must first learn to control the motion of the paint-filled brush. These are many rules that must be followed."

Color photographs

The Lending Services Gallery in Pattee Library is displaying color photographs of seascapes and mountains in an exhibit titled "By the Mountains and the Sea" by Kim Fisher, through July 6.

The photos capture the essence of the California coast. Mr. Fisher, acquisitions librarian for Approval Plans and Gifts,

University Libraries, likes beautiful scenes as well as some of the details that many people might not see as subjects for photographs.

'A Shayna Maidel'

Pennsylvania Centre Stage opens its fifth season with the touching and inspiring drama "A Shayna Maidel." The show runs from June 20 to July 7 in the Pavilion Theatre at University Park.

Written by Barbara Lebow, "A Shayna Maidel" (Yiddish for a pretty girl) captures the pain and struggle of one family separated by the terror of the Holocaust and their emotional reunion during the years following.

However, the play is not a history of the Holocaust. There are no grisly accounts of murder or uniformed soldiers pacing around. Emotional scars and the anguish of losing contact with loved ones are the only reminders of the horrors of World War II.

Since the show's first production in 1985, it has received widespread critical acclaim and will be called a Hallmark "Hall of Fame" television special in the near future.

"A Shayna Maidel" runs June 22 and 23, 26-30 and July 3-7 with preview performances on June 20-21 and a matinee Saturday, June 30, in the Pavilion Theatre.

Single tickets go on sale beginning May 29. Subscriptions for the season, which also includes the Broadway musical "1776" and the thriller "Sleuth," are available now. For more information, call the Eisenhower Auditorium Ticket Center at (814) 863-0255.

Researcher looking for anxious people

Thomas D. Borkovec, professor of psychology, is looking for "anxious" people.

Most people worry, but for some, worrying is excessive, unrealistic or overwhelming. These worriers may be experiencing Generalized Anxiety Disorder (GAD).

The Stress and Anxiety Disorders Institute in the Department of Psychology is conducting an ongoing research study which is designed to help people with this disorder.

You may be experiencing GAD if:

- you worry excessively or unrealistically or are overly anxious much of the time,
- you have experienced this excessive worrying or anxiety for at least six months
- when worried or anxious you also experience physical symptoms such as trembling, muscle tension, restlessness, fatigue, shortness of breath, increased heart rate, sweating, dizziness, abdominal distress, frequent urination, feeling keyed up, difficulty concentrating, sleep problems or irritability.

- these concerns are not about having panic attacks.

- Subjects ages 18-65 included in the study will receive 14 free sessions of individual psychotherapy. Strictest confidentiality is maintained.

If you believe that you are experiencing GAD and would like to be considered for this program, call (814) 865-1725.

Appointments

Judith V. Boettcher has been appointed assistant director of the Computer Based Education Laboratory (CBEL), a unit of the Center for Academic Computing.

A graduate of Marquette University with B.A. and M.A. degrees, she received a Ph.D. in cognitive psychology and secondary education from the University of Minnesota.

Prior to joining Penn State, Dr. Boettcher led the effort of the William C. Norris Institute and the Transformed School Consortium in Minnesota in the design and development of an instructional planning and management software tool. She also was a member of the faculty in applied psychology at St. Cloud State University.

Previously, she was a manager at Control Data Corp., where she had responsibility for higher education marketing programs, and managed coursework development projects in employee health, management, and basic skills.

The primary mission of CBEL is to support the University faculty in the application of technologies to the teaching and learning environments. Dr. Boettcher and other members of the CBEL staff currently are reviewing CBEL's mission and goals with a view towards broadening its support to include faculty who are at different points in implementing technology.

Faculty and staff members who are interested in learning more about CBEL's services and projects are encouraged to



Judith V. Boettcher

contact Dr. Boettcher at 20 Willard Building, University Park, telephone (814) 865-0814.

Gary J. Dillon has been appointed president and chief executive officer of Healthpass Inc., a for-profit subsidiary of the Corporation of The Pennsylvania State University.

Mr. Dillon formerly was vice president, responsible for managed care operations, and director of the Healthpass Preferred Provider Arrangement, a health benefits program serving more than 22,000 members in the Commonwealth.

Healthpass Inc. is involved in developing new businesses related to the health industry and complementing the managed care programs centered on the Preferred Provider Arrangement. Healthpass PPA has a growing network of more than 700 physicians and 12 hospitals in Pennsylvania.

Mr. Dillon has been with Healthpass since 1986. He formerly was with the Health Insurance Plan of Greater New York, a 900,000 member HMO. He has extensive experience with group practice management and has held a number of senior hospital administrative positions in New York.

Glenn B. Knight has been appointed director of community relations at Penn State Harrisburg.

He is responsible for organizing and conducting a comprehensive university relations program to include public information, publications and alumni affairs.

Mr. Knight, a graduate of the State University of New York at Albany with a B.S. degree in political science, was owner and publisher of *The Parking Post*, a weekly newspaper in Chester County. Prior to that, he was director of development and public relations at Ephrata Community Hospital in Lancaster County.

A member of numerous historical societies, he is a graduate of the Leadership Lancaster program of the Lancaster Chamber of Commerce and Industry.

Peter W. Schmid has been appointed

general manager of the Nittany Lion Inn, it has been announced by Steve A. Garban, senior vice president for finance and treasurer.

"Peter brings to the general manager's position extensive experience and knowledge in food and beverage services, as well as significant hotel management experience," Mr. Garban said. "His skills and leadership will be a valuable asset in maintaining the Nittany Lion Inn's food and hotel services as one of the best in the country."

Mr. Schmid was educated in Germany and has a degree in business, Kaufmannische Berufs-Schule, Schwenninger/Neckar. He has 17 years of experience operating Holiday Inns in Pottstown, Danville and Clearfield.

He served in the general manager capacity for a Ramada Inn in Morgantown for one year and the Sheraton Inn in St. Clairsville, Ohio, for three years. For the past 10 years, he has been the managing director for Tofrees Hotel, Resort and Conference Center.

The Nittany Lion Inn opened its doors for business on May 5, 1931. A major expansion was completed in 1957. The Inn will undergo a second major expansion/renovation during this next year.

The room capacity will be expanded from 131 rooms to 265 rooms. A 500-seat ballroom, a board room, several meeting rooms, a bistro-style bar/restaurant and a health club/sauna are included in the expansion plans.

Penn Staters

Ralph Eckert, assistant professor of history, Penn State Erie, The Behrend College, presented a paper on "Race and Religion in Southern Politics" at the American Culture Association conference in Toronto, Canada.

Sheldon R. Gelman, professor of social work, was the keynote speaker at the annual Field Work Conferences at Virginia Commonwealth University, the University of North Carolina (Chapel Hill), and the Kentucky Association of Social Work Education.

Leila V. Moore, associate director of the Center for Student Involvement and Leadership, and affiliate associate professor of counselor education, has been elected president-elect of the American College Personnel Association.

Gerhard F. Strasser, associate professor of German and comparative literature, gave an invited lecture on "Diplomatic Cryptology and Universal Languages in the 16th and 17th Centuries" at the 10th Military History Symposium and The Royal Military College of Canada in Kingston, Ontario.

Edwin L. Herr, born of the Division of Counseling and Educational Psychology and Career Studies, has received the 1990 AACD Professional Development Award and the 50th Anniversary Professional Leadership Award from the American Association for Counseling and Development. Dr. Herr also has been chosen as the 1990-91 Visiting Scholar of the University Council for Vocational Education, a consortium of 20 prestigious doctoral granting programs in vocational education.

E.E. Klaus, professor emeritus of mechanical engineering, has been appointed to the International Tribology Council and to the board of trustees of ACTIS (A Computerized Tribology

Information Service). The Detroit Diesel Corp. also has named Dr. Klaus chairman of the Methanol Fuel/Oil Technology Conference.

Richard M. Lerner, professor of child and adolescent development, has been appointed editor of the Society for Research on Adolescence's new journal, *The Journal of Research on Adolescence*.

Anne C. Petersen, dean of the College of Health and Human Development, has been elected president of the Society for Research on Adolescence.

Kathleen Heid, assistant professor of education, has received the "Outstanding Contribution to Mathematics Education Award" from the Pennsylvania Council of Teachers of Mathematics.

Austin J. Jaffe, professor of business administration, gave the keynote address, "Recent Techniques of Investment Analysis," at the International Faculty Conference on Property Investments in a Modern Business Environment at the National University of Singapore. He also made presentations at Bangkok University in Thailand and at Hong Kong Polytechnic.

Archie J. McDonnell, professor of civil engineering and director of the Environmental Resources Research Center, has been appointed by the National Association of State Universities and Land-Grant Colleges to the board of directors of the new Provisional Division of Environmental, Natural Resources, and Marine Affairs. He also has been elected to a three-year term on the board of directors of the Pennsylvania Environmental Council.

Wolfgang E. Meyer, professor emeritus of mechanical engineering, has received the 1989 Hartwig W. Krummer Lecture Award from the American Society for Testing and Materials (ASTM) for his

paper on "Pavement Texture Significance and Measurement." The award honors those who contribute to the advancement of pavement management technologies through personal accomplishment and stimulation of research.

James Nolan, assistant professor of education, has received the "Outstanding Research and Publication Award" for 1989 from the Pennsylvania Association for Supervision and Curriculum Development.

David B. Van Dommelen, professor emeritus of art education and fiber arts, exhibited two works at the Fiber Arts Exhibit at the Packwood House Museum in Lewisburg.

Marcus H. Voth, associate professor of nuclear engineering and director of the Penn State Breazelle Nuclear Reactor, participated in the evaluation of research programs conducted by the Peruvian Institute of Nuclear Energy at the invitation of the U.S. State Department.

Kon-Well Wang, associate professor of mechanical engineering, has received a 1990 Ralph R. Teeter Educational Award from the Society of Automotive Engineers in recognition of his accomplishments in education and his activities in support of student research at Penn State.

Cheryl Dellasega, assistant professor of nursing in the College of Health and Human Development, has been selected for a national fellowship program of the Gerontological Society of America. She plans to work with the Cleveland Visiting Nurses Association to assess the levels of cognitive impairment in its elderly clients.

Erdener Kaynak, professor of marketing at Penn State Harrisburg, has been invited by the Chinese government to develop teaching and case material in international business/marketing for 10

weeks during the 1990 summer. Dr. Kaynak will work at the Hunan Province Economic Management Cadres College (HEMC), Changsha, capital of the Hunan Province.

Earl M. Kesler, professor emeritus of dairy science, has been named the 1990 Dairy Distinguished Alumnus by the Department of Dairy and Animal Science.

Antonio Nanni, assistant professor of architectural engineering, has received a \$381,000 two-year contract as part of the Construction Productivity Advancement Research Program, sponsored by the U.S. Army Corps of Engineers, the Pennsylvania Department of Transportation and industry partners.

Gerald Potter, director of the Shaver's Creek Environmental Center in the College of Health and Human Development, has been named Pennsylvania's Conservation Educator of the Year for outstanding achievement in formally or informally educating others in conservation, leadership by example or by demonstration that aids in the education of others, and significant contributions to the conservation of Pennsylvania's natural resources.

Ronald A. Smith, professor of exercise and sport science in the College of Health and Human Development, has been elected a Fellow in the American Academy of Physical Education. The honor, given for accomplishments and contributions to the profession, has been awarded to only 327 people since the academy was founded in the 1920s.

Vladimir S. Stubican, professor of materials science and engineering, gave invited lectures at the University of Hannover, West Germany; the University of Darmstadt, West Germany; the University of Paris, France, and at the National Center for Research, Bellevue, France.

Eleventh group of buildings joins campuswide recycling

May 21 kicks off the eleventh group of University Park buildings to start the campuswide recycling program.

"To date, we have recycled 200 tons of paper and 25 tons of containers," says Phil Melnick, manager of support operations and special programs for the Physical Plant.

People are reminded that not all waste is acceptable for recycling. There are two separations: one for paper and one for containers. Other material is considered non-recyclable trash and should be discarded as usual.

Recyclable paper includes white ledger paper (writing, typing and copy), newspaper, computer printout and corrugated cardboard.

Containers include clear, green and amber glass, aluminum cans, plastic soda bottles without caps, plastic milk and water

jugs (no caps), steel and tin metal cans.

The buildings are: Barbara, Central Milk Testing, East Area Locker Room, Fleet Operations, Heluhla Hall, Hostetter Business Services, Shields, Indoor Tennis Courts, and Wagner.

The janitorial employees and a network of select individuals in each building have had a more detailed orientation and they will be assisting with the program in their departments.

Carpoolers

Tim is looking for carpoolers from Philipsburg to University Park. Work hours are from 8 a.m. to 5 p.m. Call 342-3827 (after 6 p.m.)

manager at Hershey, from Sept. 8, 1970, until April 1.

Dorothy G. Bell, secretary B at Hershey, from Oct. 9, 1978, until April 21.

Viola R. Vonada, residence hall utility worker, Housing and Food Services, from Oct. 28, 1978, until April 21.

Dean S. Shawver, residence hall utility worker, Housing and Food Services, from Nov. 13, 1978, until April 28.

Partings

Lee A. Bond, assistant extension agent, Agriculture, from Jan. 2, 1980, until March 24.

John M. Wojcik, maintenance worker B at Delaware County Campus, from Aug. 27, 1979, until March 31.

Antoinette M. Roznowski, nursing



University professor appears on CBS TV

CBS' *This Morning* did a live broadcast via satellite from the Landscape Management Research Center at University Park on May 2. Thomas Watschke, professor of turfgrass science, discussed proper lawn care and mowing techniques with anchor Paula Zahn in New York. Dr. Watschke is shown here with a CBS cameraman during taping for the show. (Photo: Steve Williams)

Obituaries

M. Josephine Groeschke, office manager, Department of Purchases, from Oct. 15, 1926, until her retirement March 1, 1966, died April 29. She was 83.

Dougald T. Gillespie, maintenance worker at the Penn State New Kensington Campus from Jan. 4, 1971, until his retirement March 1, 1988, died March 28 at the age of 64.

News in Brief

Bicycle registration

Register or have your bicycle impounded is the message to anyone who rides a bike on the University Park Campus.

"Bicycles that are left unattended or do not bear a 1990 registration will be impounded by Police Services,

beginning June 1," Robert E. McNichol, police service supervisor for the Department of University Safety, said.

He advises bicyclists to check their registration for the expiration date. "If it expires on or before May 31, bicycle owners must obtain a new registration to avoid having their bicycle impounded in June."

New bicycle registrations are free at all visitor information booths, or after 5 p.m. at Police Services in Grange Building.

Distinguished mentors

Five members of the Division of Continuing Education have been named by the National University Continuing Education Association to serve in a new distinguished mentors program to help orient new universities and institutions to the field of continuing education.

They are Frank Montgomery, director of Continuing Education administrative services; Chester C. Gnat, director of the Division's Department of Public

Information and Publications; James Campbell, northeast regional director of continuing education; Deborah Hitchcock, director of continuing education at Penn State Ogonitz Campus, and Donald Gogniat, director of continuing education at Penn State York Campus.

Each has been assigned to serve as a mentor for a number of new institutions during the coming year.

International opportunity

The Rotary Foundation of Rotary International offers a grants program for university teachers to serve in developing countries.

Approximately 10 grants will be awarded annually (\$10,000 each) to selected higher education faculty to teach at universities of their choice in developing countries. Applicants must hold (or if retired, have held) a university appointment at a rank equivalent to associate professor or higher.

Awards are not restricted by gender, age, or marital status. For more information, contact the Rotary Foundation of Rotary International, 1560 Sherman Ave., Evanston, IL 60201.

Research subjects sought

Male research subjects between ages 18

to 35 who are either fit cyclists/triathletes or unfit (but not obese) are being sought for a project to be conducted in Noll Laboratory for Human Performance at University Park.

The time commitment for each subject is: two hours for physical exam and fitness assessment; 2.5 hours for an oral glucose tolerance test, and three hours for the experiment (blood draws at rest and moderate exercise).

A total of three to four visits to the lab will be required. If interested in participating, call Jill at 863-0525 or 867-9402.

Hazleton ground breaking

President Jordan will join other University officials and government, business and community leaders from the Greater Hazleton area in ground-breaking activities for a new building at the Penn State Hazleton Campus at 3:30 p.m. Friday, May 25.

The new academic building has been a number of years in the planning. In 1987, campus officials, the Hazleton Educational Council and Campaign Committee began a \$1.5 million loan campaign to raise monies for the new center.

When completed in August 1991, the new building will contain several traditional classrooms that will seat

approximately 80 students each, an amphitheater for 120 that will contain state-of-the-art educational equipment, faculty offices, student study space and a lobby/exhibit area.

Walker awards anniversary

More than 90 Penn State Walker Award alumni joined this year's student winners, faculty and campus administrators to celebrate the 20th anniversary of the Eric A. and Josephine S. Walker Awards on May 6.

Endowed by President Emeritus Eric Walker in 1970, the annual Walker Award recognizes a student from each Penn State campus whose outstanding qualities of character, scholarship, leadership and citizenship have positively influenced fellow students, and whose abilities and actions have contributed to the prestige and well-being of their campus and the University as a whole.

William Asbury, vice president for student services, welcomed the students and alumni, who honored Dr. and Mrs. Walker with a book of biographical sketches of all award winners. Dr. Walker served as president from 1950 until his retirement in 1970. This year's winners received a medalion designed by internationally acclaimed medalist and Penn State faculty member John Cook.

Staff Vacancies

(Continued from page 8)

years of effective experience in community service with fundraising responsibilities and evidence of excellent verbal and written communications. Knowledge and experience with business and/or industry preferred. Travel required. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991, WITH POSSIBILITY OF RE-FUNDING. STAFF GRADE 6.

• **Editorial Assistant, CES, University Division of Media and Learning Resources, WPXS-TV, University Park Campus**—Responsible to the director, Center for Instructional Design, WPXS-TV, for preparing reports, articles and similar materials and providing general administrative support. Requires bachelor's degree in journalism, English, or related field and six to 12 months of effective

experience in television production news or news release writing. An associate degree and one to two years of effective experience may be substituted for the degree. Experience with microcomputer operations is desirable. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991, WITH POSSIBILITY OF RE-FUNDING. STAFF GRADE 4.

• **Administrative Aide, Eberly College of Science, Mathematics Department, University Park Campus**—Responsible for the effective administration of the departmental office. Supervise clerical staff. Coordinate and process personnel actions. Requires high school, or equivalent, plus two to four years effective experience in an administrative capacity. Knowledge of established policy, procedure and practice required. Supervisory

and budgetary experience preferred. Excellent interpersonal skills and ability to communicate effectively verbally and in writing also required. Experience with spreadsheets desirable. STAFF GRADE 5.

• **Administrative Aide, Eberly College of Science, Astronomy Department, University Park Campus**—Responsible for assisting in the administration of the department, to include personnel, budgetary matters, and special projects. Assist department head in managing outreach programs to alumni and donors. Write, edit and publish monthly departmental newsletter. Requires associate degree or equivalent plus two to four years effective administrative and supervisory experience. Good organizational skills and knowledge of computer software including spreadsheets, graphics, and word processing required.

Excellent interpersonal skills and ability to communicate effectively verbally and in writing also required. STAFF GRADE 5.

• **Public Information Assistant, University Relations, Wilkes-Barre Campus**—Responsible to the director of university relations for organizing and conducting an effective comprehensive public information program for the campus. Responsible for working with news media, producing and writing publications, and creating advertisements. Requires bachelor's degree in journalism, English communications, or equivalent, plus one to two years of effective experience in newspaper and/or journalism, writing or public relations. Position requires a high level of skill, clarity and accuracy in oral and written communications. STAFF GRADE 6.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. The announcement is made so that all University employees who are interested in promotion MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 463-0304 (WORKLINE LINE 433-0304). Applications for these staff vacancies will be accepted until May 24. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment Practices (PS 11) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law), sex or status as a disabled or Vietnam era veteran.

• **Division of Undergraduate Studies Programs Coordinator - College of Engineering, Undergraduate Education, Division of Undergraduate Studies, University Park Campus** - Responsible for the coordination of programs and services of the Division of Undergraduate Studies in the College of Engineering. Administer these programs and services according to guidelines for procedures for undergraduate students. Requires master's degree or equivalent, plus one to two years of effective experience related to engineering, mathematics, or science and effective experience in college level academic advising. STAFF GRADE 7.

• **Assistant Director, University Scholars Program, Undergraduate Education, University Park Campus** - Responsible for administrative support in the various phases of the University Scholars Program, including primary oversight of honors advising, honors study and program evaluation, honors education at CES locations, the Scholars Service Achievement in Leadership program, and liaison activities as assigned. Requires master's degree, or equivalent, plus two to three years of effective experience. Advancing experience desired. Excellent interpersonal and writing skills are required. STAFF GRADE 7.

• **Pharmacist, Student Services, University Health Services, University Park Campus** - Responsible for manufacturing, compounding and dispensing medicines. Assist in maintaining and submitting required records, and in maintaining a pharmaceutical library. Meet with manufacturers' representatives to keep current on new products. Requires bachelor's degree in pharmacy, plus 2-400 hours internship and successful completion of the State Pharmacy Board Examination. One to two years of effective experience is necessary. STAFF GRADE 6.

• **Electronics Communications Specialist, Division of Development and University Relations, Public Information, University Park Campus** - Responsible to the head, Radio-TV Section for providing support with video news and feature products and in promoting minority and diversity visibility on radio and television programs. Requires bachelor's degree, or equivalent in communications or related field plus one to two years of effective experience. Some knowledge of electronic media production process editing preferred. STAFF GRADE 6.

• **Project Director, Training and New Business, Senior Vice President for Research and Dean of the Graduate School, Ben Franklin Technology Center for Central and Northern Pennsylvania Inc., University Park Campus** - Responsible for working closely with industry, business, and colleges and universities to manage education and training and entrepreneurial development activities of the Ben Franklin Partnership. Requires bachelor's degree in business administration or related field plus four to seven years of effective experience in preparing

proposals, project budgeting, financing and control. Excellent verbal and written communication skills are essential. THIS IS A FIXED-TERM POSITION FUNDED THROUGH AUG. 31, 1991, WITH EXCELLENT PROBABILITY OF REFUNDING. STAFF GRADE 8.

• **Alumni Relations Coordinator, Liberal Arts, Alumni and Development, University Park Campus** - Responsible for all alumni relations activities including working with LA Alumni Society Board, planning alumni related events, and increasing number of active alumni in the College. Additional duties include coordinating the preparation of the LA Alumni Society Strategic Plan and coordinating all scholarships and other awards for the College. Requires bachelor's degree, or equivalent, in liberal arts or related field plus one to two years of effective experience managing or coordinating projects. STAFF GRADE 6.

• **Head Coach - Women's Lacrosse, Intercollegiate Athletics, University Park Campus** - Responsible for the organization and administration of the women's lacrosse program to include coaching, scheduling, budgeting, recruiting, instruction and program management. Requires bachelor's degree, or equivalent, plus one to two years of coaching experience, a thorough knowledge of NCAA rules and demonstrated skill in administration to direct a NCAA Division I program. THIS IS A 12-MONTH APPOINTMENT. STAFF GRADE 6.

• **Assistant Coach, Women's Volleyball, Intercollegiate Athletics, University Park Campus** - Responsible for assisting with coaching the intercollegiate women's volleyball team. Major responsibilities include planning, organizing, and conducting recruiting campaigns. Other responsibilities include coordinating game and tournament arrangements, assisting in planning,

organizing, and conducting team practices, and helping players in one-on-one instructional setting. Requires bachelor's degree, or equivalent, plus up to one year of effective coaching experience in volleyball preferred. THIS IS A 12-MONTH POSITION. STAFF GRADE 5.

• **Assistant Manager, Golf Shop, Auxiliary Recreation Services, University Park Campus** - Responsible for assisting with the general administration, operations and management of the golf shops, practice range and University golf courses. Requires bachelor's degree, or equivalent, in recreation, business or related field plus one to two years effective experience in the golf business. Must possess a P.G.A. class "A" membership card or be enrolled in the P.G.A. apprentice program. STAFF GRADE 5.

• **Director of Food Services, Housing and Food Services, University Park Campus** - Responsible to the assistant vice president for housing and food services for the operation, management and administration of food service programs which include eight dining commons, the Helzel Union Building, catering, commissary, purchasing, bakery and warehousing. Requires bachelor's degree, or equivalent, plus over four years up to and including seven years of effective experience. STAFF GRADE 10.

• **Clinical Nurse Specialist - Neurosurgery, College of Medicine, Department of Surgery/Department of Nursing, The Milton S. Hershey Medical Center** - Responsible to the surgery chief of a defined section and an assistant director of nursing for providing nursing expertise within his/her clinical specialty and for managing and providing care for the surgical patient utilizing collaborative consultation with team members and written protocols. Requires master's degree in nursing plus one to two years of effective clinical experience in

area of expertise and current licensure by Pennsylvania Board of Nursing as a nurse practitioner. Certification in specialty area is desirable. STAFF GRADE 7.

• **Clinical Nurse Specialist/CNPP, College of Medicine, Pediatrics and Nursing, The Milton S. Hershey Medical Center** - Responsible to the neonatologist for all clinical and medical aspects and to the assistant director of nursing, maternal and child health for nursing care and administrative aspects. Also responsible for managing and providing care for the infant who requires neonatal intensive care, utilizing collaborative consultation with team members and written protocols. Requires master's degree in one of the nursing clinical specialty areas plus one to two years of effective experience and licensed by the State Board of Nursing as a nurse practitioner. STAFF GRADE 7.

• **Assistant to the Director of Student Programs and Services, CES, Student Programs and Services, New Kensington Campus** - Coordinate and administer student financial aid services and veterans affairs matters; counsel students and parents regarding application procedures, eligibility and planning. Coordinate college work study and scholarship programs. Plan and present financial aid programs for students, parents and high school groups. Requires master's degree in student personnel or closely related field, plus up to one year of effective experience in student financial aid or related area. STAFF GRADE 6.

• **Development Assistant, CES, Development, Wilkes-Barre Campus** - Assist in the planning, implementation and coordination of all campus fundraising programs as part of the University's overall comprehensive development plan. Requires bachelor's degree, or equivalent, in marketing, communications or related field, plus one to two years of effective experience in student financial aid or related area. STAFF GRADE 6.

(Continued on page 7)

College seeks grants and contracts director

The College of Medicine invites applications for the position of director of grants and contracts. The position reports to the associate dean for academic affairs, research and graduate studies.

Specific duties of the director include: providing assistance to faculty seeking support for research, education and service programs; verifying institutional compliance with University and sponsor policies; preparing and submitting applications for grants, contracts, and cooperative

agreements to external agencies; preparing, reviewing, and negotiating contracts; expanding the external funding basis for staff projects.

The successful candidate should have extensive experience with grant/contract administration either as a faculty member or a research administrator and have a thorough knowledge of accounting and budgetary requirements of funding agencies. Preference will be given to candidates with doctoral degrees and

experience in grant/contract administration at a research university or comparable institution.

Submit a letter summarizing qualifications, a curriculum vitae and names of at least three references to: C. McCollister Everts, senior vice president for health affairs and dean, College of Medicine, The Milton S. Hershey Medical Center, The Pennsylvania State University, P.O. Box 850, Hershey, Pa. Deadline for receipt of applications is July 1.

Applicants sought for department head posts

The College of Education is inviting applications/nominations for six department head positions.

Due to reorganization within the College, the executive vice president and provost has authorized internal searches to fill department head positions for these new departments.

Administration, Policy, Foundations, and Comparative/International Education; Adult Education and Instructional Systems; Counselor Education, Counseling Psychology, and Rehabilitation Services; Education; Curriculum and Instruction; Educational and School Psychology and

Special Education; Vocational and Industrial Education.

Major responsibilities include: providing leadership with respect to the programs, research and professional service activities of the department; organizing and recommending faculty assignments; evaluating and making recommendations concerning promotion, tenure, and salary; maintaining a positive climate of professional productivity and cooperation among faculty in the programs of the department; managing operating budget; serving as chief administrative officer of the department; pursuing relevant scholarship and research and teaching.

Qualifications include appointment as a tenured professor or associate professor within the College of Education department to which application is made. Appointments will be effective July 1.

Applicants should submit a cover letter addressing the responsibilities and qualifications and including the names, addresses, and telephone numbers of three references. A current professional vita is required.

Submit applications to Rodney J. Reed, dean and Pennsylvania professor of education, 275 Chambers Building, University Park, Pa. 16802. Deadline is June 1.

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William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

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BOARD OF TRUSTEES

Stories from the May 10 and 11 meeting of the Board of Trustees appear on page 3.

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INTERCOM

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UNIVERSITY

In the Eberly College of Science

New genetics institute is established

The University has established an Institute of Molecular Evolutionary Genetics devoted to the study of the evolutionary processes at the level of the structure of DNA and proteins.

"We have been building a group of molecular population and evolutionary geneticists for several years," **Robert K. Selander**, holder of the Eberly family chair in biology, said. "Nowhere else will you find a better interdisciplinary group of scientists working in this emerging area of biological science."

In September, **Masatoshi Nei**, currently of the University of Texas, Houston, will join the Department of Biology in the Eberly College of Science as distinguished professor of biology and as director of the institute. **Austin Hughes**, another theoretical population geneticist, also will join the institute as assistant professor of biology.

With the addition of Drs. Nei and Hughes, the University will have the largest group of researchers in the field.

The Institute for Molecular Evolutionary Genetics draws from the colleges of Science, Liberal Arts, Agriculture and The Milton S. Eshelman Medical Center for an

interdisciplinary group of researchers in biology, molecular and cell biology, entomology, anthropology, veterinary sciences and microbial pathology.

"Ultimately, how far the institute will go depends on how this new field of science develops," Dr. Selander said. "Members of the institute are talking and collaborating all the time, and we are bringing together the combined weights of our expertise and talents in recruiting, seminars and cross fertilization of ideas."

Molecular evolutionary biologists study variation in the structure of genes and proteins using a variety of laboratory and statistical techniques that have only become available in the last few years. Of major interest is the identification of the fundamental processes influencing evolution at the molecular level and the roles played by mutation, natural selection and random genetic drift, according to Dr. Selander.

"There are some genes that haven't changed in as extremely long time and others that evolve so rapidly that no two people are genetically identical, not even identical twins," Dr. Selander said. "We would like to understand

why there is this great variation in the rate of evolution among different genes."

Researchers also would like to know the extent to which evolution is caused by random genetic drift of neutral mutations and by Darwinian natural selection.

Another area of interest is the ways in which variation in DNA can be used as a molecular clock. "We know that many genes tend to evolve at a more or less constant rate," Dr. Selander said. "If DNA can provide an accurate clock then, once we calibrate the clock, we can infer the evolutionary relationships between species and determine the time at which two forms diverged from a common ancestor even in the absence of a fossil record."

He noted that research on the genetic structure and variation of bacteria and viruses and the evolution of populations also is important because these organisms change very rapidly, and phenotypic characteristics may not link them to their ancestors.

"The influenza virus is a good example of extremely rapid change. The virus evolves so rapidly that frequent changes in vaccine are necessary to protect against epidemic outbreaks."

At Penn State Mont Alto Campus

Students experience 'Adventure in Learning'

Nearly 1,400 Southcentral Pennsylvania middle and junior high school students experienced "Adventures in Learning" at the Penn State Mont Alto Campus earlier this month.

They learned a little French or German, observed life in a stream, examined Greek myths, experimented with electricity and lasers, discussed Shakespeare, analyzed chemical elements, tested their skills in world geography, and worked with physical therapy equipment in hands-on workshop sessions designed to acquaint them with the college learning experience.

Based on the success of a nationally recognized program offered at the campus on selected Saturdays during the past five years, "Adventures in Learning" -- an early intervention program to get students interested in higher education -- has been expanded to include one-day field trips for whole classes of students.

Students select two workshops, from 9 to 11 a.m. and from 11:45 a.m. to 1:45 p.m., from lists of eight to 10 offerings taught by Penn State Mont Alto faculty members, who during the past five years have volunteered their services.

One class of sixth graders at the Chambersburg Area Middle School funded their own attendance at the "Adventures in Learning" program through their share of a monetary award the school recently received for outstanding academic achievement.

Tuition for the program is \$10 per student to cover the cost of lunch, materials, and a commemorative T-shirt. Operational costs have been partially funded by a grant from the Coming Foundation through the Greencastle Distribution Center.

"Initially, our purpose was to get the students acquainted with our campus in hopes they would choose Mont Alto," Ronald R. Keiper, professor of biology said. "Now our primary motivation is to show the students the excitement of learning, to help them become higher achievers and motivate them to take more challenging courses in junior high and high school."

Dr. Keiper is co-ordinator of the Mont

Alto program with James Hale, assistant professor of forestry.

With the cooperation of the recruiting staff at Penn State Harrisburg, Professor Hale has been instrumental in bringing more than 40 students from Harrisburg and Lancaster city schools to the campus for earlier versions of the program.

Because of the enthusiastic response of area educators to the "Adventures in Learning" Saturday programs, Dr. Keiper

said that it was decided to open the program to schools in the campus service area on a weekday when there is not as much competition from outside activities.

"On Saturdays, when it was an option, we tended to get students who were already committed to college. By offering it during the week, in place of a day in school, we hope to get a broader mix of students, including those who haven't thought about higher education."



Frank Kristine, assistant professor of chemistry, helped middle and junior high school students analyze unknown chemical elements during the Penn State Mont Alto Campus' recent 'Adventures in Learning' program.

Heart-assist pump is designated landmark

The Penn State heart-assist pump has been designated an International Historic Mechanical Engineering Landmark by the American Society of Mechanical Engineers.

The device, which has helped prolong the lives of cardiovascular patients since 1976, is the first surgically implantable, seam free, pulsatile blood pump to receive widespread clinical use.

An interdisciplinary group from the Colleges of Medicine and Engineering at Penn State pioneered the application of fluid mechanics in blood pump development and the use of segmented polyurethane as the blood contacting material.

The initial collaboration consisted of **William S. Pierce** in the College of Medicine and, in the College of Engineering, **John A. Brighton**, currently dean of engineering, **Winfred M. Phillips**, currently dean of engineering at the University of Florida, and **Gerson Rosenberg**, research professor of surgery, professor of bioengineering and assistant chief of the Division of Artificial Organs at Penn State, also were co-developers.

Later, **David Geselowitz**, currently distinguished alumni professor of bioengineering and professor of medicine at Penn State, headed the team in the College of Engineering.

The pump has been used in more than 250 patients and is responsible for saving numerous lives. The design and operating principles have been applied to all current blood-pump designs.

The Penn State heart-assist pump is the 29th International Historic Mechanical Engineering Landmark to be designated. It is the second landmark in the area of bioengineering. The first commercial, human blood heat exchanger was designated a National Historic Mechanical Engineering Landmark in 1980 in Buffalo, N.Y.

The ASME History and Heritage Designation Program recognizes sites, collections, and landmarks, each representing a progressive step in the evolution of mechanical engineering.

Focus on Diversity

Fourth set of cultural diversity workshops planned

The fourth in a series of cultural diversity workshops aimed at creating a more hospitable environment for people of diverse ethnic and racial backgrounds has been scheduled for Tuesday and Thursday June 12 and 14 at the Hotel State College.

The fourth set of workshops will be geared specifically toward restaurant and food service employees in State College and on the University Park Campus, workshop coordinator W. Terrell Jones, special assistant to the provost for diversity and campus climate issues said.

"We're looking especially to enroll waiters and waitresses, hosts and hostesses, cashiers, food preparation people, managers, people who come into contact

with the public in their front line positions for their restaurants or food service operations," Dr. Jones added.

The sessions will be held from 2 to 4 p.m. on both June 12 and 14, with participants expected to attend both sessions to complete the awareness program. The sessions feature lectures, films and exercises in stereotyping and prejudice, as well as case studies and role-playing situations.

"Our goal is to help participants understand cross-cultural differences and provide new insights into dealing with customer concerns from a culturally diverse perspective," Dr. Jones said. "By targeting public contact employees, we can design

the workshop materials to meet their particular experiences and needs.

"It is the public contact employees who set the tone of their organization for customers and clients of diverse ethnic backgrounds. We hope that by training these important organizational representatives, we can help them better serve all residents and visitors in our town and on our campus."

The diversity workshops can accommodate up to 25 persons, and they are open to both community business employees and Penn State staff.

Interested persons from the community should call the Chamber of Commerce/Downtown Business Association office at

237-7644. University employees wishing to take part should call University Relations at 865-2501. Those who cannot be accommodated will receive early notification about future workshops. There is no fee for the workshops. Deadline for registration is June 6.

The workshops are planned and sponsored by the Office of University Relations and the Community Relations Committee of the Downtown Business Association.

Workshop participants receive a certificate. Approximately 60 State College and University Park employees have completed the three previous workshops, the first of which was offered in July 1989.

WPSX to air 'Where the Spirit Lives'

"Where the Spirit Lives," a feature-length drama airing on *American Playhouse* at 9 p.m. Wednesday, June 6, on Channel 3, reaches back to a horrifying chapter in Canadian history when the federal government, in the late 1920s and 1930s, literally kidnapped native Indian children from their reserves and subsequently incarcerated them in religious schools where all traces of their background, culture and language were beaten out of them.

Set in 1937, "Where the Spirit Lives" is the uplifting story of Amelia, a courageous young Blackfoot girl who is forcibly taken from her isolated reserve in the mountains by a government agent and placed in an Indian residential school on the prairie for

the purpose of educating and civilizing her.

Gong Hong, *Alvin Ailey Remembered*, airing at 10 p.m. Friday, June 8, is a tribute to pioneer choreographer Alvin Ailey, founder and artistic director of the Alvin Ailey Dance Theater who died Dec. 1, 1989. Taped at the memorial service for Mr. Ailey at the Cathedral of St. John the Divine in New York City, the program interweaves interviews with colleagues and friends with several extended performances of Ailey choreography by members of his current company; musical performances by singers Ashford and Simpson; drummer Max Roach, and spoken tributes by poet Maya Angelou and New York City mayor David Dinkins.

At special breakfast

Forum honors Dr. Richardson

The Forum on Black Affairs has honored William C. Richardson, executive vice president and provost, for his dedication to helping the Black/African-American community at the University.

The organization held a special breakfast for Dr. Richardson, who left Penn State May 25 to become president of Johns Hopkins University. The forum also presented him with a plaque in recognition of his support and leadership in the area of diversity.

"We felt it was very important to say thank you for all the support, service and encouragement he has provided us during his tenure at the University," Deborah

Atwater, forum president, said.

Dr. Richardson said he is optimistic that the University will continue to make strides in the area of diversity. He also encouraged the forum to work with the new administration on minority issues.

"The administration has always had a trusting relationship with the Forum on Black Affairs. They have always provided us with genuine, honest and effective feedback. They have also helped the University to accomplish a great deal towards increasing its faculty, staff and student enrollment of Black/African-Americans."

Orientation programs stress the value of diversity

For the second consecutive year, approximately 25,000 incoming University freshmen and their families will participate in orientation programs developed to stress the value of diversity.

"We want to urge all entering freshmen and their families to view diversity as a positive learning experience," Stan Latta, acting associate director of Campus Life, said. "It is to encourage the students to get to know and appreciate people who are different than themselves."

The diversity workshop is part of a day-long program of orientation activities for groups of students and their families held throughout the summer at University locations across the Commonwealth.

The workshop includes a 10-question survey and a 12-minute videotape featuring minority and non-minority Penn State administrators, students, faculty and staff discussing their cultural heritage and the importance of diversity.

At both student and family-member sessions, individuals form into groups to discuss the multiple choice survey answers before reviewing them with the orientation leader. The video is shown after the discussions.

"The group discussions are important because they help individuals share opinions and encourage participants to adopt positive views toward people of other races, religions and cultures. They are

fun and an enlightening experience," Mr. Latta said.

One question asks if 75 percent of all undergraduate international students who travel to America receive a majority of their financial aid from American universities? The answer is false, Mr. Latta said.

"Many people think that international students get scholarships and other forms of financial aid from American universities and the American government, but they don't. Most have to document that they have sufficient funding for college before they are allowed into the country," he notes.

Another question asks what percentage

of the U.S. population will be white males by the year 2010? The answer is 38 percent.

"We want to help students understand that in 10 to 20 years, they are likely to be working with a woman, Black/African-American, Hispanic-American or Asian-American boss. So they should get accustomed to being around people of different racial, ethnic and religious cultures," Mr. Latta said.

The University began conducting orientation diversity seminars in summer 1989. Survey questions and videotape content are updated each year, depending on national and statewide events.

The Campaign for Penn State

Gift establishes graduate fellowship

E. Erwin Klaus and his wife Jean, have donated \$100,000 to create a graduate fellowship in the College of Engineering.

"During my 47 years at Penn State I've learned to appreciate the need for graduate funding," notes Dr. Klaus, who is professor emeritus of chemical engineering. "Fellowships give students the opportunity to participate in meaningful research that they might otherwise not be able to afford. My wife and I feel privileged to be able to offer this kind of support."

The E. Erwin and Jean H. Klaus Graduate Fellowship in Chemical Engineering will recognize and support outstanding graduate students. Preference will be given to students who are conducting research in tribology, catalysis, corrosion or other surface science related areas.

Dr. Klaus is an international expert in tribology, or the study of the phenomena and mechanisms of friction, lubrication and wear of surfaces in motion. In 1989, he

received the Innovative Research Award for Tribology and was recognized at a tribology symposium honoring his lifetime contributions to the field. He was named a Fellow of the American Society of Mechanical Engineers in 1990.

A member of the Penn State faculty since 1963, Dr. Klaus was the first recipient of the Fenske Faculty Fellow award.

Since his retirement in 1982, he has remained active in advising students and, in collaboration with the chemical engineering faculty, continuing to maintain a large research group. In recognition of these activities, he was awarded the College of Engineering 1989 Distinguished Service Award.

Mrs. Klaus is a native of State College, where her mother, Sara Hartswick, still lives. Both Klaus children, Dennis Klaus and Diane Klaus Horton, are Penn State graduates.

For facility, scholarship

HIRM school gets \$75,000 gift

Willard E. Campbell of Hollidaysburg, founder of Hoss's Steak and Sea House restaurants, has given \$75,000 to the School of Hotel, Restaurant, and Institutional Management.

Mr. Campbell has designated \$50,000 to a new facility for the school, which is part of the College of Health and Human Development. Construction is expected to begin next spring on the 31,000-square-foot, split-level structure adjacent to Keller Building on the University Park Campus. It will house a dining room, production and research kitchens, classrooms, a library and multimedia resource center and administrative offices.

The remaining \$25,000 will endow a Hoss's Steak and Sea House Scholarship for outstanding, financially needy undergraduates who are interested in managing family restaurants.

"I've always believed that the future of the hospitality industry is in the education of our young people," Mr. Campbell said. "The expansion of the school's facilities and scholarship aid will give students the training and experience they need to succeed in this."

Mr. Campbell is president of Prime Choice Inc. in Duncansville, which operates 24 Hoss's Steak and Sea House restaurants in Pennsylvania. He also is an officer in Weyant and Campbell Builders Inc. of Duncansville.

Construction costs for the new building are estimated at \$5.4 million. The University has allocated \$1.5 million for the project, and private support will provide the remaining funds. The college also plans to raise \$1.5 million for equipment for the new facility.

Obituaries

A.H. Holtzinger, retired associate professor of chemistry and director of the Chemical Laboratory in the former School of Chemistry and Physics; died May 10. He was 68.

He received his bachelor of science degree in 1927 from Penn State and his doctor of philosophy degree from Penn State in 1939. He was a member of Alpha Chi Sigma, professional chemical society, an honorary member of Sigma Xi Research Society, and Phi Lambda Upsilon Honorary Chemical Society.

Dr. Holtzinger retired as associate professor of chemistry and director of the Chemical Laboratory at Penn State in 1961 after 25 years of service. He taught at Pottsville Center of the University until 1940, at Mont Alto Forestry School until 1942, and at the Altoona Campus in the summer of 1942, until being assigned to the chemistry school at University Park.

He also worked as an analyst with Warner Laboratory in Cresson.

He became a director of the Mirror Printing Co. in 1957 and the Altoona Engraving Co. in 1949, and president of Himes Printing Co. in State College in 1965.

Arthur L. Williams, retired professor of insurance; died May 13 at the age of 66.

A graduate of Penn State with B.A. and M.A. degrees, he earned his doctorate from the University of Pennsylvania. He also earned designations from the American College of Underwriters and the American Institute of Property and Casualty Underwriters.

Joining the Penn State faculty in 1956, Dr. Williams taught courses in general insurance, risk management, life insurance and estate planning.

He previously served as head of the Department of Insurance and Real Estate. He taught the first College of Business Administration course on open-circuit television.

Dr. Williams received the Adviser of the Year Award from the College of Business Administration Alumni Association in 1971. He had written two books and numerous articles. He retired Jan. 1, 1987, with 32 years of service.

His professional activities included memberships in the American Risk and Insurance Association, American Society of Insurance Management, National Association of Life Underwriters, and the Fellow S.S. Huebner Foundation for Insurance Education.

Daniel T. Bresnahan, maintenance worker, general, Shenango Valley Campus, from Jan. 5, 1970, until his retirement March 29, 1980, died May 15 at the age of 75.



Agricultural Science and Industries Building

The 150,000-square-foot Agricultural Science and Industries Building now under construction behind Henning Building at University Park Campus may be completed by early 1991. Costing \$25 million, the building will house the departments of Agronomy, Dairy and Animal Science, Entomology and Veterinary Science, as well as a 200-seat auditorium, classrooms, offices, laboratories and student computer center. It will be connected by glass-enclosed walkways to Henning Building. (Photo: Greg Grieco)

Bookshelf

Charles D. Ameringer, professor of Latin American history and head of the Department of History, is the author of *U.S. Foreign Intelligence: The Secret Sale of American History* (Lexington Books/D.C. Heath).

As Dr. Ameringer explains, Americans saw and continue to see, secrecy as incompatible with democracy. He illustrates, however, the debt U.S. independence owes to espionage and clandestine operations through the exploits of some of our nation's greatest heroes. Nathan Hale and his British counterpart, Major John Andre, were both spies. Paul Revere was part of a 30-man spy ring, the Mechanics, and his midnight ride and the "one if by land, two if by sea" signal were

part of a spy operation contributing to the first military victory of the American Revolution.

Twentieth-century advances brought changes to American intelligence, particularly in the intricacies of codes and ciphers. Dr. Ameringer distinguishes among the various means of disguising messages and describes actual codes used in operations throughout history. With the onset of World War II and the tragedy of Pearl Harbor, which was perceived as an intelligence failure, the United States created a national intelligence apparatus. Dr. Ameringer, a specialist in U.S. foreign relations, relates the expansion of CIA power, the rise and fall of former CIA Director William Casey, and the recent trial of Lt. Col. Oliver North, pointing out the expanding role intelligence plays in our nation's affairs, as well as the continuing

need to improve the mechanisms for accountability and control of clandestine operations.

Jean-Marc Bollag, professor of soil microbiology, is co-editor with Gunther Stotky, New York University, of *Soil Biochemistry*, published by Marcel Dekker Inc., New York and Switzerland.

The book, volume 6 in the Books in Soils, Plants and the Environment Series, provides an up-to-date analysis of biological processes in soil.

It explores the prominent role of biochemical processes in the soil environment, particularly the biochemical activity of microorganisms in soil. It also stresses the potential applicability of these processes to environmental biotechnology. Contributors to the volume include leading international experts in the field of soil biochemistry.

Faculty members receive biomedical research awards

Twenty Biomedical Research Support Grant awards, ranging from \$4,900 to \$10,000, have been made to faculty members from funds provided to the University by the Department of Health and Human Services.

The awards are made to faculty members from all campuses with research interests in the life and health-related sciences (except for the Hershey Medical Center which offers a separately funded program).

A total of 45 proposals were received and reviewed by a faculty committee appointed by Charles L. Hosler, senior vice president for research and dean of the Graduate School.

Faculty members awarded grants and the proposal titles are:

John L. Beard, associate professor of nutrition, "Brain Neurotransmitter Determinations in Iron Deficiency by Microdialysis"; **R.W. Bernhoer**, professor of biochemistry, "Nutrient Sensing as a Global Control Signal"; **Paul Cornwell**, professor of psychology, "Role of the Cat's Hippocampus in Memory"; **John Frangos**,

assistant professor of chemical engineering, and **Harry R. Allcock**, Evan Pugh professor of chemistry, "In Vitro Bone Induction"; **Davis S. Gilmour**, assistant professor of molecular and cell biology, "The Molecular Architecture of the hsp70 Heat Shock Gene Promoter of *Drosophila*"; **Barry Jones**, assistant professor of molecular and cell biology, Interaction of Intracellular A-particle Genes with the Mouse Major Histocompatibility Complex; **Teh-hui Kao**, assistant professor of molecular and cell biology, Role of S-Protein Ribonuclease Activity in Self-Reognition;

George Kephart, assistant professor of sociology and faculty associate, Population Issues Research Center, Institute for Policy Research and Evaluation, "The Compensating Effects of Changes in Contraceptive Use and Breastfeeding on Infant Mortality"; **Ke Chung Kim**, professor of entomology and curator, and **Bruce A. McPherson**, assistant professor of entomology, "Vector Potential of Ticks in

Lyme Disease Epidemiology"; **Stephen J. Knabel**, assistant professor of food science, "The Role of Heat Shock Proteins in Preventing Oxygen Radical-Mediated Cytotoxicity"; **Kenneth M. Merz**, assistant professor of chemistry, and **Ian Williams**, research associate, Materials Research Laboratory, "Saccharide Conformation: Structural and Theoretical Studies"; **Robert B. Mitchell**, associate professor of biology, and **James A. Strauss**, research assistant, Department of Biology, A Longitudinal Aging Study of Cold Tolerance in HS Mice;

Ann B. Orth, postdoctoral associate, Molecular and Cell Biology, and **Ming Tien**, associate professor of molecular and cell biology, "Microsomal Lipid Peroxidation as the Mode of Action of Aromatic Hydrocarbon and Dicarboximide Fungicides"; **Cynthia A. Stifter**, assistant professor of human development, "Long-Term Effects of Infant Colic on Infant Behavior"; **J.M. Tarbell**, professor of chemical engineering, and **T.M. Hollis**,

professor of biology, "An *In Vitro* Study of Shear Dependent Endothelial Permeability"; **Hana Van Campen**, assistant professor of veterinary science, "Tumor Necrosis Factor and Endotoxin Resistance in Avian Species"; **Frederick C. Wedlar**, professor of biochemistry, Regulation of Enzymes in the CNS by Manganese (II) Ions; **D.M. Wojchowski**, assistant professor of molecular biology and biochemistry, and **R.C. Hardison**, associate professor of biochemistry, Molecular Mechanisms of Erythropoietin-Induced Red Blood Cell Differentiation; **Yu-Yan Yeh**, associate professor of nutrition science, Mechanisms of Hypocholesterolemic Action of Stearic Acid; **Arian Zarkower**, professor of veterinary science, Development of Models for Determining the Effects of Polyunsaturated Fatty Acids on Eicosanoid Metabolism: Relationships to Pulmonary Disease Processes."

Focus on the arts

Italian operas

Audio-Visual Services has acquired videotapes of popular operas sung in Italian. The collection includes *Aida* (90470 VH), *La Barbera di Seville* (90469 VH), *La Bohème* (90475 VH), *La Traviata* (90472 VH), and *The Marriage of Figaro* (90450 VH).

The programs are available at no charge to University faculty and staff members for classroom use. At University Park, call 865-0914 to make arrangements for a preview showing. At a Commonwealth Campus, contact the campus instructional services specialist for more information.

The arts on Channel 3

Joining John Williams and the Boston Pops for a gala *Evening at Pops* at 9 p.m. Friday, June 1, are pianist/composer Marvin Hamlisch, singer/dancer Gregory Hines, the late jazz drummer Buddy Rich, and the popular Manhattan Transfer.

Following at 10 p.m., *Abet from Off Center*, the acclaimed performing arts series, will present the American television premiere of the Lyon Opera Ballet's "Cinderella."

Like the beautiful dream of a fevered child, choreographer Maguy Marin's version of the classic fairy tale creates a darkly charming world peopled by figures both benign and fearsome.

Script reading

Pennsylvania Centre Stage and local religious and community groups will co-sponsor a script reading of selected scenes from the Centre Stage production of "A

Shayna Maidei" at 7:30 p.m. Wednesday, June 6, in the Jewish Community Center on East Hamilton Street in State College.

The reading will be followed by a panel discussion on issues related to the Holocaust.

Scenes from "A Shayna Maidei" will be read by actresses from the cast. The play, which opens on June 22 in the Pavilion Theatre at University Park Campus, focuses on the relationships within one family torn apart by the Holocaust.

Panel members include Frank Isaacs, a survivor of a concentration camp; Juris Draguns, professor of psychology and psychologist; and Daniel Walden, professor of American studies and literature, both at Penn State; Rabbi Jeffrey Eisenstat from the Brit Shalom congregation in State College; and the Rev. Glenn Mitchell of the University Baptist and Brethren Church and the Interfaith Coalition.

The event, co-sponsored by the Jewish Community Center, the Interfaith Coalition, United Ministries of Penn State and the Pennsylvania Centre Stage, will offer people within the community the chance to learn about and discuss issues related to the Holocaust from historical, psychological and emotional perspectives.

The reading and panel discussion are free and open to the public. For further information, call 865-1871.

Watercolor exhibition

"Realist Watercolors," an exhibition of contemporary watercolors, opens June 3 at the Palmer Museum of Art at University Park and will continue through Aug. 5.

Supported, in part, by the Central Pennsylvania Festival of the Arts, the exhibition includes works created by 15 artists between 1978 and 1990.

Artists represented in the exhibition include Philip Pearlstein and Alfred Leslie, two of America's most prominent figurative painters, and Nell Blaine and Susan Shatter, who started their careers in other media. Watercolorists represented in the exhibition include Patricia Toback Forrester, Carolyn Brady, John Stuart Ingle and George Harkins.

According to Randy Ploog, assistant curator of the Palmer Museum, this exhibition is unusual in that large paintings, some of them mural-sized works, are included along with the small-scale works used most frequently by watercolorists. John Arthur, curator of the exhibition, also wrote the accompanying catalog. He and some of the artists included in the exhibition will hold an all-day seminar at the museum on July 11. Participating artists include Ms. Forrester, Mr. Leslie, Mr. Pearlstein and James Winn and Paul Wanner. On July 12, Ms. Forrester and Mr. Winn will conduct a workshop for a limited number of registrants.

The symposium and workshop are supported, in part, by the Penn State Office of Summer Sessions. For information on the symposium and workshop, contact Donna Ricketts, 409 Keller Conference Building, University Park, Pa. 16802; or call (814) 863-1743.

The exhibition also is supported by a grant from the Pennsylvania Council on the Arts. For more information about "Realist Watercolors" and other museum exhibitions, call the museum at (814) 865-7672.

Studio tour

Theatre lovers will have the chance to see some of the "behind-the-scenes" magic that goes into putting a professional stage production together when Pennsylvania Centre Stage holds tours of the Theatre Arts Production Studio (TAPS) at 11 a.m. and 1 p.m. Saturday, June 2.

The Production Studio, located in the Academic Activities Building at University Park, houses the scene shop and set storage, the costume shop and storage, lighting labs and prop storage for Pennsylvania Centre Stage productions, as well as shows produced for the University Resident Theatre Company.

The tours, each an hour long and identical in content, will show visitors sets being built, costumes being constructed and also will include the lighting lab. The lab is used by directors and lighting designers to get an idea of how a particular lighting effect might work on stage.

The tour is free, but due to limited

space, registration is necessary. To register, call 863-4239 between 8 a.m. and 5 p.m., Monday through Friday.

Centre Stage tickets

Single tickets are now available for the 1990 summer season of Pennsylvania Centre Stage, located at University Park. The theater's 1990 productions include the heart-touching drama "A Shayna Maidei," the lively musical "1776" and the suspense-filled mystery "Sleuth."

"A Shayna Maidei," which is Yiddish for pretty girl, was inspired by "the kinds of people I grew up with," said author Barbara Lebow in an interview during its production at the Fulton Opera House. Set in New York City in 1946, the play explores the relationships of a family torn apart during the Holocaust and reunited years later. Directed by Ken Washington, "A Shayna Maidei" plays at 8 p.m. in the Pavilion Theatre on June 22, 23, 26-30 and July 3-7. Previews are June 22 and 21. A matinee performance will begin at 2 p.m. on Saturday, June 30.

Celebrating the birth of our country, "1776" brings our forefathers back to life with the music and lyrics of Sherman Edwards and the words of Peter Stone. While singing the praises of democracy, Benjamin Franklin, John Adams and Thomas Jefferson are genuine men who miss their wives and complain about the hot July days in Philadelphia. Directed by Carole Brandt, "1776" plays at 8 p.m. in the Playhouse Theatre on July 6, 7, 10-15 and 17-21. Previews are July 4 and 5. Matinees will begin at 2 p.m. on July 14 and 21, with a special family performance on July 7.

Shocking secrets and calculating characters will keep you riveted to your seat during Anthony Shaffer's "Sleuth." A suspense thriller about deception, jealousy and murder, the play twists unexpected surprises into a deadly game of cat and mouse. Directed by Sam McCready, "Sleuth" plays at 8 p.m. in the Pavilion Theatre on July 20, 21, 24, 26, 27, 31 and Aug. 1-4. Previews are July 18 and 19. Matinees will begin at 2 p.m. on July 28 and Aug. 4.

Tickets for "A Shayna Maidei" and "Sleuth" performances are \$16 for adults and \$13 for students and children. Tickets for preview and matinee performances are \$12 for adults and \$9 for students and children.

Tickets for "1776" are \$18 for adults and \$15 for students and children. Tickets for preview and matinee performances are \$14 for adults and \$11 for students and children.

For tickets or more information, call the Eisenhower Auditorium Ticket Center at (814) 863-0255, open Monday through Saturday from 8:30 a.m. to 4:30 p.m.

The arts at...

York Campus

Artwork, face painting, photography, magic, classic films and music are just some of the activities planned for the York Campus' 15 Annual Sidewalk Show and Sale on Sunday, June 3.

Summer Arts Expo '90, an indoor and outdoor artistic experience, features local and regional artists displaying and selling a wide variety of media on the Campus Mall, the Commons Area Courtyard and in the Community Room of the Student Center.

Each employee or Penn State "family" who reported their exercise miles for May 16 will receive a certificate acknowledging their participation. The certificates will be printed and mailed in the next four to six weeks.



Diane Reedy's works are on display in the Hetzel Union Building's Art Alley Panels through June 29.

Faculty and staff members surpass exercise miles goal

University faculty and staff from virtually all locations turned out on May 16 to exercise in support of the second annual National Employee Health and Fitness Day.

As of May 23, more than 3,200 exercise miles had been reported by close to 1,000 participants, and the count was increasing daily. This figure surpassed the University's goal of accumulating enough exercise miles to cross the United States and showed widespread employee enthusiasm for the many benefits of exercise.

"We have reports of group activities that were offered and well-received at many of the Penn State campuses," Nancy Sassano, coordinator of Faculty/Staff Health Promotion Programs, said. "We commend the campus nurses, Recreational Sports staff, personnel representatives and others who responded quickly to help organize those programs and promote the event. This year's success will certainly set the stage for future involvement."

According to Ms. Sassano, a more

University Park Calendar

May 31— June 17 Special Events

Friday, June 1
Intercession ends
Sunday, June 3
Eight-Week Session begins arrival day for new students
Wednesday, June 6
Classes begin (8-week session)
Summer Sessions: 9 p.m., film, HUB lawn
Thursday, June 7
Women of Color Luncheon, noon-1 p.m., Hotel State College, College Room
Summer Sessions, music, noon, Fisher Plaza
seminar, 3:30 p.m., Nittany Lion Inn, Fireside Lounge
Friday, June 8
Summer Sessions Office open house, 2-4 p.m., Spruce Cottage
Summer Sessions, Diversions, ice cream, 7-8 p.m., Creamery
Saturday, June 9
Shaver's Creek, The Winged Hunters, 10 a.m.-noon, Call 863-2000
Sunday, June 10
Shaver's Creek, Naturalist Club, 1-3 p.m.; Summer Wildflower Walk, 2-4 p.m., Call 863-2000
Tuesday, June 12
Summer Sessions, music, noon, Fisher Plaza; billiard clinic, 6 p.m., HUB; Explazaganz, 9 p.m., Fisher Plaza
Wednesday, June 13
Summer Sessions, brown bag seminar, noon-1 p.m.; Pavilion, Larry Ramsey on "Big Telescopes", film, 9 p.m., HUB lawn
Thursday, June 14
Summer Sessions, music, noon, Fisher Plaza; seminar, 3:30 p.m., Nittany Lion Inn, Fireside Lounge; billiard clinic, 6 p.m., HUB; ice skating, Diversions, 7-10 p.m., PSU rink; Explazaganz concert, 7:30 p.m., Fisher Plaza
Friday, June 15
Summer Sessions, Diversions, ice cream, 7-8 p.m., Creamery
Saturday, June 16
Shaver's Creek, Bird Breakfast, 7:30-9:30 a.m., Call 863-2000
Sunday, June 17
Shaver's Creek, Natural History Walk, 2-4 p.m., Call 863-2000

International Events

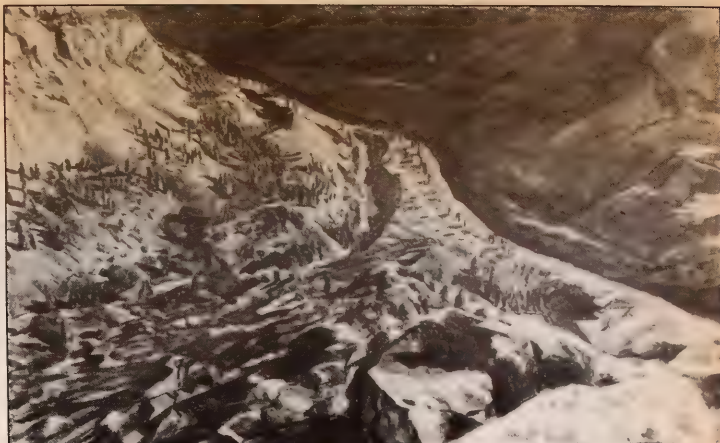
Education Abroad Programs

The following programs for Spring 1991 are available until Oct. 1: Athens, Exeter, Kiel, Manchester (economics), Nice, Rome, San German, Tel Aviv

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5:30 p.m.-Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m. "Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubinstein. "Perspectives," 6:30 p.m. Wednesdays. "Creative License," 12:30 p.m. Thursdays, with Asa Berlin and Pam Saulnier



'LaJunta Point-Grande' by Susan Shatter will be included in the Palmer Museum of Art exhibition 'Realist Watercolors' opening June 3.

Conferences

Continuing Education

Keller Building

June 3-9

Elderhostel II. J. Jerome Zolten, assistant professor of speech communications, chair; Jack Sinclair, coordinator

June 3-Aug. 25

Family Child Care Specialist. Bernard Guernsey, professor of human development, and Louise Guernsey, associate professor of human development, in charge; Kathy Karchner, coordinator

June 4-8

Business Logistics. Kimberly Leamer, area representative, in charge; Jack Sinclair, coordinator

June 4-8

Helicopter Design Short Course. Barnes McCormick, Boeing professor of aerospace engineering, chair; Norm Lathbury, coordinator

June 4-8

Pa. Association of Arson Investigators. Eric Loop, coordinator

June 4-8

Domestic Relations. James Horner, assistant professor of administration of justice, chair; Kathy Karchner, coordinator

June 5-7

Motor Fleet Advanced Maintenance Management. Eric Loop, coordinator

June 5-8

Biosciences: Scale Up and Design. Jim Shulten, manager of training, Biotechnology Institute, chair; Eric Loop, coordinator

June 7-8

Personnel Law and Legal Liability Issues for Corrections. Jack Williams, assistant professor of administration of justice, chair; Kathy Karchner, coordinator

June 7-9

Association of Departments of Foreign Languages. Summer Seminar. Leon Lyday, head and professor of Spanish, chair; Norm Lathbury, coordinator

June 10-15

ACSM Health/Fitness Instructor Certification. Karl G. Stoedafelke, professor of exercise and sport science, chair; Eric Loop, coordinator

June 10-15

Arbitration Institute. Gilbert Gall, assistant professor of labor studies, chair; Jerri Milson, coordinator

June 10-16

Elderhostel III. J. Jerome Zolten, assistant professor of speech communications, chair; Jack Sinclair, coordinator

June 10-July 21

High School Intensive Language Institute. Jeannette Brager, associate professor of French, chair; Barb Impellitteri, coordinator

June 10-Aug. 4

Minority Access to Research Concerns. Daniel Trevino, associate professor, director of minority programs, chair; Donna Ricketts, coordinator

June 11-14

International Play Therapy Conference. Louise Guernsey, associate professor of human development, chair; Kathy Karchner, coordinator

June 11-15

Business Logistics-II. Kimberly Leamer, area representative, in charge; Jack Sinclair, coordinator

June 11-15

HEC-1 Flood Plain Hydrology. Arthur Miller, professor of civil engineering, chair; Barb Impellitteri, coordinator

June 11-Aug. 3

Summer Intensive Language Institute. Jeannette Brager, associate professor of French, chair; Barb Impellitteri, coordinator

June 12-15

Pa. Therapeutic Recreation Institute. Ralph W. Smith, assistant professor of leisure studies, chair; Bill Sterner, coordinator

June 13-17

Chamber Music Workshop. Donald Hopkins, associate professor of music, chair; Eric Loop, coordinator

June 13-16

Child Relationship Enhancement Family Therapy

Bernard Guernsey, professor of human development, and Louise Guernsey, associate professor of human development, in charge; Kathy Karchner, coordinator

June 13-17

Adult Golf III. Bob Intrieri, PGA master professional, chair; Jerri Milson, coordinator

Exhibits

HUB Galleries

Formal Gallery, Art Alley, Browsing Gallery:

A Very Special Arts, through June 18
Art Alley Panels: Diane Reilly, "A Closer Look," through June 29

Kern Galleries

College Research Exhibitions, College of Medicine, through June 15

Palmer Museum of Art

Selection from the Permanent Collection through Oct. 7

Craft and Community:

Traditional Arts in Contemporary Society, through July 22

Central Pa. Festival of the Arts, through July 6

"Realist Watercolors," June 3-Aug. 5

Pattee Library

Lending Services Gallery:

Kim Fisher, "By the Mountains and the Sea," through July 6

East Corridor Gallery:

Don Lemeh, "The Gathering," through July 1

West Lobby Gallery:

Annette S. McHugh, Chinese Brush Paintings, through July 6

Zoller Gallery

Donna Zarbin Byrne, "Terra Reven: A Cultivated Space," through June 24

TIPS

Information Penn State

Call 863-1234 press 3 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather 234, Arts Line-345, University Calendar-456

Faculty teams get awards through grant program

Four faculty teams in the Colleges of Agriculture, Earth and Mineral Sciences, Engineering and the Eberly College of Science will be awarded more than \$400,000 in seed money awards starting July 1, as part of the College of Agriculture's intercollege grant program.

William J. McCarthy, associate professor of entomology, and Don M. Wojchowski, assistant professor of molecular and cell biology, will conduct research on "Molecular Basis for the Action of Bacillus thuringiensis Toxins at the Insect Cell Surface."

Eva J. Pell, professor of plant pathology, and Ming Tien, associate professor of molecular and cell biology, will study "Lipid Peroxidation as the Mode of Action of Dicarboximide and Aromatic Hydrocarbon Fungicides."

Charles A. Dangler, assistant professor of veterinary science, and John A. Frangos, assistant professor of chemical engineering, will investigate "Althergenic Mechanisms Involved in a Herpesvirus-Induced Model of Atherosclerosis."

Jean-Marc Bollag, professor of soil microbiology, and Patrick G. Hatcher, associate professor of minerals science and engineering, will study "Binding of Pollutants to Humus as a Means of Moderating Groundwater Contamination."

Eighteen intercollege faculty research teams from the Colleges of Agriculture, Arts and Architecture, Earth and Mineral Sciences, Education, Engineering, Health and Human Development and the Eberly College of Science competed for the awards. Research projects are funded for two or three years, contingent on an annual review of progress.

From the first two years of the program,

five intercollege research project teams have received subsequent competitive grants from the National Science Foundation, the U.S. Department of Agriculture and the National Institutes of Health.

The program, developed by the College of Agriculture's Office for Research to encourage intercollege research, has funded more than \$1.3 million in research at Penn State since 1986. University faculty are invited to submit new proposals each spring.

Appointments

William A. Pearman, director of academic affairs at the Penn State Wilkes-Barre Campus, has been named acting campus executive officer effective July 1. It was announced by Richard Grubb, senior vice president and dean of the Commonwealth Educational System.

He replaces James H. Ryan, who has been named vice president of continuing education. Dr. Grubb also announced that the position of acting director of academic affairs at the Wilkes-Barre Campus will be filled by **Steven D. Putzel**, assistant professor of English.

Dr. Pearman, director of academic affairs at the campus since August 1989, previously served as provost and vice president of academic affairs at Sacred Heart University, Fairfield, Conn. Prior to that, he was academic dean and professor of sociology/anthropology at Millersville University for 14 years. He also has held faculty positions at Virginia Commonwealth University, Loyola University and Fordham University.

A graduate of LaSalle University, he received a master's degree from Fordham and a doctorate in sociology from the University of Pittsburgh. He has been recognized for teaching excellence by the Danforth Foundation and received the first Pennsylvania Sociology Society Award for Research Excellence.

Dr. Pearman is the author of articles in professional journals and of several books, including *Midwinters: A Handbook on the History and Issues of Health Care Services for the Elderly*, *Three Mile Island: A Sourcebook*, and *In the Presence of Scandal: Selected Poems*.

Dr. Putzel, a member of the Wilkes-Barre faculty since 1988, was named head of the English Program in 1989.

He earned his Ph.D. at the University of Toronto and was awarded several research grants and fellowships for further work while an assistant professor of English at Rutgers University. He received his master's degree in English from the University of Wisconsin and his B.A. in English from Drew University. He also pursued language studies at the University d'Aix Marseille in France.



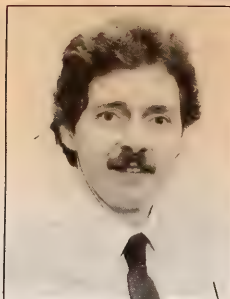
William A. Pearman

Kenneth E. Martin has been appointed rural economic development specialist jointly in the Office of the Associate Vice President for Research and Technology Transfer and the Department of Agricultural Economics and Rural Sociology.

Dr. Martin previously worked as a budget analyst for the Pennsylvania House of Representatives Appropriations Committee. In that capacity he was responsible for budget and policy issues in the areas of economic development, rural development, agriculture, labor and criminal justice.

He holds a B.A. in sociology from Eastern Mennonite College, and an M.S. and Ph.D. in rural sociology from Penn State.

In his new position, Dr. Martin will be responsible for promoting University economic development resources, identifying and addressing rural economic development issues, working with state and local officials in government, business and industry on policies to promote rural economic development, and coordinating the development and implementation of rural economic development initiatives with



Steven D. Putzel

Cooperative Extension in the College of Agriculture.

Judith W. Heald has been named program manager for the Pennsylvania Expanded Food and Nutrition Education Program (EFNEP), a federally funded program. EFNEP is an integral part of Penn State's Cooperative Extension programs, providing nutrition education to low-income families and youth in both urban and rural areas.

Ms. Heald, certified as a registered dietitian, has worked with low-income families for several years in Pennsylvania and Virginia. Most recently, she served as a nutritionist and prenatal educator for Family Health Services of Bellefonte.

Trisha Ann Morris has been appointed senior assistant librarian at the Penn State DuBois Campus.

Ms. Morris previously was assistant librarian and assistant professor at Prestonsburg Community College in Kentucky. Prior to her position at Prestonsburg, she was director of the library at Southern Ohio College NE in



Kenneth E. Martin

Akron. At that time, she also was the regional director of the school's northern branches and its representative to the North Central Library Cooperative.

Ms. Morris holds a B.A. degree in sociology and a master of library science degree, both from Kent State University. She has done extensive research in Appalachian literature and holds memberships in the American Library Association, the Kentucky Library Association, and the Appalachian Writers Association.

Mary B. Shoffner has been appointed registrar at Penn State Great Valley. She is responsible for registration, enrollments, student recordkeeping and course scheduling at the Center.

Ms. Shoffner joined the Center staff in January, 1989, and has held positions of increasing responsibility in the graduate programs and registration areas. Previously, she was senior research technician at Heraeus Inc., where she performed inorganic chemical and ceramic science research.

She earned her B.S. degree in microbiology at Penn State.

News in Brief

Lost and found

Jewelry was found on Thursday, May 24, along South Burrows Street. Call Carol at 865-7501 to claim the jewelry.

Summer Sessions open house

The Summer Sessions Office will hold an open house in its new quarters in Spruce Cottage from 2 to 4 p.m. Friday, June 8. The University community is welcome.

Faculty/staff fitness classes

Openings remain in all Recreational Sports faculty/staff fitness classes for Summer Session. Classes offered include Shape-up, Toning and Tightening, Aerobics, Advanced Shape-up, Low Impact Shape-up, Aquatease, and Fitness Over 40.

Participants may register at Room 2, Intramural Building at University Park, through June 8. For information on class schedules and locations, call Patti Kenney, 865-5401.

Penn College aviation center

Rep. Alvin C. Bush, chairman of the Pennsylvania College of Technology board of directors, has announced that Gov. Robert P. Casey has approved a financial plan for restructuring several leasing arrangements for College buildings originally constructed with proceeds from State Public School Building Authority bond issues.

As a result, funds will be freed to

permit the College to proceed with plans to construct a new aviation center at its site at the Williamsport-Lycoming Airport. The facility, projected to cost about \$4 million, is among seven projects comprising the College's proposed \$28-\$32 million stage four building program.

The new facility, construction of which is expected to begin in the fall, will permit the College to dramatically expand enrollment of students in its programs in aircraft power plant maintenance and avionics.

Host families needed

This summer, the Continuing Education Program and the Council on International Education Exchange will bring about 40 Japanese university students to University Park for a seminar July 24 to Aug. 16.

The Summer Student in America Program is designed to increase the students' awareness of and appreciation for American culture and their communicative competence in American English.

To help accomplish these goals, the program needs volunteer host families of any composition (couples, singles or those with children or grandchildren) to host for one weekend.

If you are interested in hosting a Japanese visitor, call Joe Shirk in the evenings at 234-8729 or Masume Asaf during the day at 865-0997, by June 15.

Preschool openings

The Penn State Child Development Laboratory, a preschool for children 2 1/2 to 6 years old, currently has a limited number of full-day openings (7:30 a.m.-5:30 p.m.). The preschool is operated by the Department of Human Development and Family Studies in the College of Health and Human Development.

For more information about enrollment, call 863-0267 or visit the Child Development Laboratory office in S-24 Henderson Building.

Summer Special Olympics

Joe Paterno, Franco Harris and Jimmy Cefalo are just a few of the celebrity volunteers who will be at University Park for the Pennsylvania Summer Special Olympics Games June 7 to 10.

Pennsylvania Special Olympics has designated 1990 as "Year of the Family." This theme focuses attention on the dedication and participation of families who support the athletes and the games.

Volunteers of all ages and skills are still needed for the Games. To volunteer, or for more information on Pennsylvania Special Olympics, call toll-free in Eastern Pennsylvania 1-800-235-9058, and in Western Pennsylvania 1-800-233-5161.

Center gets grant

The Center for Logistics Research has received a \$30,000 grant from the

Consolidated Rail Corp. for a pioneering study that could help Conrail improve its freight service. Three researchers—**John E. Tyworth**, associate professor of business logistics, **Kanti Rao**, associate professor of business administration, and **Robert A. Novack**, assistant professor of business logistics—will study the complex factors that affect the on-time shipment of merchandise from the Pacific Northwest to select eastern customers. The Burlington Northern Railroad also is involved in the project.

The Penn State research will break new ground by focusing on interline rail service, which requires the careful coordination of two or more railway companies to complete a long-haul shipment. Previously, these companies have conducted detailed studies of transit performance for their lines only.

Adult students orientation

Orientation for new and returning adult students for Summer Session will be held at 4 p.m. Monday, June 4, at the Returning Adult Student Center, 323 Bouck Building, University Park.

All new adult students, whether part-time or full-time, day or evening, are invited to attend.

Call the Returning Adult Student Center, at 863-3887, for information.

Partings

Bertha E. Confer, foods lab and equipment attendant in the College of Health and Human Development has retired after 29 years of service.

Ms. Confer began working for the University in 1960 as a counter attendant in the Pollock Dining Hall, then transferred to the College of Agriculture where she was a soil and forage lab attendant from 1968-74.

In 1974 she came to the Department of Nutrition as foods lab and equipment attendant. Her duties included lab preparation and maintenance and food purchasing for several nutrition labs. She took on the additional responsibility of helping students with their special projects.

Ms. Confer says that her job was interesting and a learning experience because of its diversity and the opportunity to work with faculty, staff and students. "Each day was different, and I could become familiar with new foods. I appreciated the support of the faculty and enjoyed helping the students."

She is a resident of Runville who never minded her 45-minute ride to and from work. Her retirement plans include traveling with her husband, Ralph, helping her son with his new market in Centre



Nina D. Hammer

Hall, and visiting her daughter and grandchildren.

John E. Creighton Jr., senior cooperative extension agent in Wayne County, has retired after 34 years of service.

His career in cooperative extension began in 1955, when he was assigned to Fayette

County as an assistant agent. He became an agent in Wayne County, then served as county extension director before he was promoted to senior extension agent. A native of Grove City, he received a B.S. in animal industry in 1970 from Penn State.

Among the honors he has received are the Westinghouse Educational Foundation Award, the Pennsylvania Poultry Federation Award, the Distinguished Service Award of the National Association of County Agricultural Agents, the Pennsylvania Dairyman's Association Extension Award and the Agricultural Service Award of the Wayne County Farmers Association. In 1980 he served as president of the Pennsylvania Association of County Agricultural Agents.

He and his wife, Nadine, have two sons and a daughter, all Penn State graduates. His retirement plans include building a home in Cumberland County.

Nina D. Hammer, conference secretary in Continuing Education, has retired after 23 years of service.

Ms. Hammer began her University career in 1964 in the business office of Continuing Education in Keller Building—the same building from which she retired.

Some of my fondest memories at the University," she says, "were working in the Geography Department for 17 years, under the leadership of several department heads. For one in particular, I needed the largest apple I could find to appease his appetite."

Beginning June 15, she plans to travel around the country for the next year with her husband, who will be taking his first sabbatical after 25 years of public school teaching.

"Upon my return," she says, "I plan to pursue a career I've always been interested in—nursing. However, that will be part-time so I can spend the summers with my husband."

Isabel M. Fogleman, food service worker, Housing and Food Services, from Aug. 1, 1942 to Nov. 30, 1942; Jan. 1, 1943, to June 10, 1947; and Aug. 31, 1977, until May 1.

Russell J. Rossman Sr., assistant University auditor, Corporate Controller's Office, from Sept. 4, 1973, until May 1.

Mary E. Egoft, food preparer B. Housing and Food Services, from Oct. 8, 1979, until May 5.

Faculty/Staff Alerts

Salvage and Surplus

Summer might be a good time to get rid of all those extra items that have been lying around the workplace, taking up valuable space. Salvage and Surplus can help by picking up any saleable items. To arrange a pick-up time or for further information, call 865-4371.

Travel Services

American Express has announced that, effective April 1, Collision Damage Waiver coverage is no longer provided on the corporate cards.

Travel Services also has been advised that Penn State has been added to the Big 10 Universities' newly negotiated corporate car rental contracts with Budget Rent a Car and National Car Rental effective April. These car rental agreements include free collision damage waiver insurance on domestic contract rates only.

The University requires the purchase of Collision Damage Waiver insurance on all business related car rentals according to Travel Policy TR-4. Therefore, if a car is rented from another vendor or from Budget or National at a rate other than the contract rate, it will now be necessary to purchase the Collision Damage Waiver insurance. It is recommended that National and Budget Rent a Car be used whenever possible due to the competitive rates and the free insurance on domestic rentals. Copies of the new rate schedules can be

requested through Travel Services at 865-0395.

Travel Services provides travel information and advisories on a bulletin board through both Management Services and the Center for Academic Computing's Electronic Mail System. These bulletin boards should be checked periodically for updated travel information or time critical bulletins as they become available.

Noon hour courses

The Human Resource Development Center and Continuing Education are offering noon hour courses for University employees in the Summer Session. Finance 100 and Psychology 002 will meet from 11:45 a.m. to 1 p.m. Monday, Wednesday and Friday. Classes start June 6 and end July 30.

Both courses are part of the Business Administration and Business Management certificate programs offered through Continuing Education.

For further information, contact the Human Resource Development Center at (814) 865-3410 or the Continuing Education Office at (814) 865-3443.

Healthpass brochure

As a service to employees covered by Healthpass, discounts with a number of fitness oriented organizations have been negotiated. These organizations, which fall

under the headings of Weight Reduction and Weight Management Centers, Fitness Centers, and Exercise/Fitness Equipment Sales, are located in a number of counties in which Penn State employees reside.

The Healthpass publication, Health and Fitness Directory, has just been revised and will be available to Penn State employees covered by Healthpass in mid-June. This brochure, which outlines the discounts available from the participants, reflects an expansion of both programs available at discount and the counties in which the programs are available. To receive these discounts, it is necessary for you to be covered by Healthpass and, upon seeking the discount, verify your coverage through your membership card.

To receive a copy of this revised brochure, call the Employee Benefits Division, 865-1473.

Employment of minors

Supervisors are reminded that the law requires that an employment certificate (sometimes referred to as "working papers") is required before any minor begins working for the University. A minor is anyone under age 18 who has not graduated from high school, or who has not been declared by the high school as having attained maximum academic potential in lieu of graduation. Also, the

minimum age for University employment is age 16.

The employment certificate is issued by the minor's high school. Employment certificates are maintained on file by the Employment Division, or appropriate business or personnel office at facilities away from University Park. When a minor ceases employment, the Employment Division, or appropriate business or personnel office, must be notified so that the certificate can be returned to the issuing high school, or to the minor, as appropriate.

Supervisors should review University policy PS-2, Employment of Minors, before committing employment to a minor.

Information submitted for publication in *Information* is due by noon on the Thursday before publication.

Carpooler

Don is looking for riders to join his vanpool from Tyrone to University Park. His work hours are 8 a.m. to 5 p.m. Call 865-1040 or 684-4868.

25-year award recipients



Observing 25 years of service at the University are **Thomas B. Davinroy**, associate professor of civil engineering, and **Sabih I. Hayek**, professor of engineering science and mechanics, both in the College of Engineering; **Robert J. Dennehy**, associate manager/

hotel, **Nitany Lion Inn**; **James J. Gebhard**, assistant professor of Slavic languages; and **Martha T. Halsey**, professor of Spanish.

University Photo/Graphics opens new color print facility

University Photo/Graphics has announced the opening of its new color printing facility.

"Over the years, University Photo/Graphics has been noted for its excellent black and white printing and color slide production," John Mertz, director, said. "We are now able to offer this new color processing and printing service to the University community."

According to James Lukens, assistant to the director, the newly installed equipment will enable University Photo/Graphics to process any size color negative film.

"With our automatic processor and printer we are now able to produce color prints in size ranging from 2"x2" to 20x24"

and there is no limit to the format of film that can be developed," he said.

Beside color film processing, Photo/Graphics, located in Room 8 Mitchell Building at University Park, offers a number of services, including black and white film processing and printing, photography, instructional materials, computer graphics, exhibits and displays, photostats, and illustrations, photographic copying, print dry mounting and laminating, and color slide processing and duplication.

For more information about University Photo/Graphics new color printing capabilities or any other services, inquire at Room 8 Mitchell Building or call 865-0507.



Fred Weber, left, supervisor of print laboratories, and Curtis Krebs, photographer/printer, work in University Photo/Graphics new color printing facility. Photo: Dave Shelly

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion, MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304). Applications for these staff vacancies will be accepted until June 6. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment practices (FES-1) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

***Mechanical Engineer I, Office of Physical Plant, Facilities Planning and Design, University Park Campus** - Responsible to assigned senior engineering personnel for the design and preparation of estimates and drawings for a variety of heating, ventilating, air-conditioning, plumbing and utility systems, and for assistance in the development of the specifications. Requires bachelor's degree or equivalent preferably in architectural engineering with building systems option or related field, plus Engineer-in-Training certificate and over 18 months of effective experience in the development of mechanical designs under the guidance of a registered professional engineer. STAFF GRADE 5

***Landscape Architect, Office of Physical Plant, Facilities Planning and Design, University Park Campus** - Responsible to the senior landscape architect for designing and developing landscape plans for new and existing facilities and for the performance of all necessary functions related to the development of such plans. Requires bachelor's degree in landscape architecture, plus two to four years of effective experience. STAFF GRADE 6

***Publications Editor, Division of Development and University Relations, Publications, University Park Campus** - Responsible for the review of assigned University publications to insure they meet University criteria for style, form, cost and publication policy. Reviews drafts for conformity with tastes, intended readership and accepted

standards. Requires bachelor's degree in English or equivalent and one to two years of effective experience in editing, publishing, teaching or related fields and a strong command of English with a specialized knowledge of syntax. STAFF GRADE 5

***Assistant Executive Director for Special Programs, Division of Development and University Relations, Alumni Association, University Park Campus** - Responsible to the associate executive director for alumni relations for the establishment, development and professional guidance of the constituent societies of the Alumni Association and the planning, coordination and implementation of various special programs of the Association. Requires bachelor's degree or equivalent plus over four years of effective experience. A master's degree is highly desirable. STAFF GRADE 8

***Designer, Electromechanical, Applied Research Laboratory, ARL Operations, University Park Campus** - Responsible to the supervisor, Design and Drafting, for production of designs for mechanical and electrical assemblies and systems. Requires associate degree, or equivalent, in electromechanical drafting. Working knowledge of strength of materials, forces and movements, gear and bearing loadings, base mechanisms, corrosion protection (environmental and galvanic) and manufacturing processes is highly desirable. U.S. citizenship required. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991. STAFF GRADE 6

***Police Service Officer, University Safety, University Park Campus** - Enforce national state and local laws, and appropriate University regulations through investigation, apprehension and prosecution of violators. Prevent illegal and unsafe activities through tactical patrol and be able to work, any of four shifts. Individual must pass physical exam by doctor, physical fitness test administered by department and psychological test. Requires associate degree or equivalent in academic credits and one to two years of effective law enforcement experience. Similar combinations of education and experience may satisfy the above requirements. Active pursuit of a baccalaureate degree in social sciences is desirable. STAFF GRADE 5

***Alumni Relations Coordinator, Liberal Arts, Alumni and Development, University Park**

Campus - Responsible for all alumni relations activities including working with LA Alumni Society Board, planning alumni related events, and increasing number of active alumni in the College. Requires bachelor's degree, or equivalent in liberal arts or related field plus one to two years of effective experience managing or coordinating projects. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991, WITH GOOD POSSIBILITY OF RE-FUNDING. THIS IS A RE-ANNOUNCEMENT. STAFF GRADE 6

***Assistant Director, Outpatient Services, University Hospital, Department of Hospital Administration, The Milton S. Ebersole Medical Center** - Responsible to the director, Outpatient Services, for the effective and efficient operation of the University Physicians Center. Requires master's degree, or equivalent, in health care administration plus three to four years of effective experience. STAFF GRADE 8

***Manager, Police and Safety, Behrend College, Police and Safety** - Responsible to the director of

operations for directing the law enforcement security, parking, environmental health and safety programs of the College. Requires bachelor's degree, or equivalent, in a program of study related to law enforcement and the management of law enforcement, and environmental health and safety activities plus three to four years of effective experience in law enforcement preferably in a university or college community involving supervisory or command level responsibility. Candidates must be creditable under Pennsylvania Act 120 STAFF GRADE 7

***Assistant to the Director of Student Programs and Services, CES, Student Programs and Services, Berks Campus** - Responsible for the implementation and coordination of the student activities program, job placement services, and other general areas of student affairs. Requires bachelor's degree, or equivalent, plus one to two years of effective experience, or master's degree in student personnel administration, counseling, or equivalent training, and up to one year of effective experience. STAFF GRADE 6

Advisory search committee is appointed

A Campus Advisory Search Committee has been appointed to identify candidates for the position of campus executive officer of the Wilkes-Barre Campus.

Joan P. Diana, associate librarian at the Wilkes-Barre Campus, has been named committee chair. Other members are:

Ina K. Lubin, area representative, Continuing Education; Craig Munns, president of the Student Government Association; Robert S. Paranchik, assistant professor of engineering, and Frederick J. Stefon, assistant professor of history, all at the Wilkes-Barre Campus; Frederick H. Gaige, campus executive officer at the Penn State Berks Campus; Elaine F. Rhodes, director of development and university relations, Commonwealth Educational System; Jovita M. Ross-Gordon, assistant professor of education, and Stanley J.

Shepherd, associate professor of physics.

The CEO is the chief administrative officer of the campus and is responsible for administering all of its University programs. The CEO also is responsible for maintaining close relationships with the communities in the campus service area.

Candidates should have an earned doctorate, several years of experience in college and/or university teaching and substantial experience in academic administration. Send two copies of resume to Richard E. Grubb, senior vice president and dean, Commonwealth Educational System, 111 Old Main, Department CHE, University Park, Pa. 16802.

Applications and nominations will be received until a suitable candidate is selected.

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7517.

William E. Campbell Jr., Editor
Deborah A. Benedetti,
Assistant Editor
Kathy Garman, Calendar

May 31, 1990
Vol. 19, No. 34

RESEARCH AWARDS

University faculty members have received 20 Biomedical Research Support Grant awards. See story on page 3.

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President Jordan's statement on admittance to Big Ten

Penn State is delighted by today's Council of Ten vote formally to admit the University to the Big Ten Conference. The successful culmination of the chain of events triggered in December is rewarding and satisfying to all of us who believe Penn State should be positioned, both academically and athletically with the exceptional institutions which comprise the Big Ten.

We appreciate the support our membership received in the Council of Ten. Change of this magnitude does not come about without dissent, which we experienced from Big Ten campuses and others. Our confidence in the correctness of this course has remained steadfast despite criticism. Penn State's inclusion in the conference is consistent with the Council of Ten's announced mission of athletic reform, particularly concerning issues of academic integrity.

We are proud of what Penn State represents in the academic and athletic communities. Conference membership provides us with an opportunity to enhance our strong reputation as an educational

institution of the first-order and as a major player in intercollegiate athletics. The affiliation with like-minded universities, represented by the existing membership of the Big Ten, strengthens our ability to influence the quality of academic activities and intercollegiate athletics of the next decade and into the next century.

Our overriding motivation in concluding this conference relationship has been what we perceive as the wisest future course for the total University, both academically and athletically. Such an overview often requires compromises and presents complications, especially in the areas of athletic scheduling and competitive format. This alliance is not without such concerns.

As President, I fully understand the difficult process facing many of our athletic teams and coaches during the period until full integration is completed, particularly in the sports where in-season round-robin play may be a requirement. Our athletic administrators have been diligent in identifying and highlighting such

concerns, but we need to keep in mind that Penn State's affiliation with the Big Ten is a matter which transcends athletics.

To expedite the full integration of all of our sports, we will continue to consult with the conference office and the Council of Ten on the administrative remedies available, including, as already proposed, further conference expansion. Penn State is ready to assist in the expansion process as might be necessary and appropriate.

This represents a move of historic proportions for Penn State's past, present and future.

We have joined a family rich in tradition, built upon integrity and with a vision for the growth of higher education and, within the framework of institutional control, the maturing of intercollegiate athletics. We are proud to join ranks with Illinois, Indiana, Iowa, Michigan, Michigan State, Minnesota, Northwestern, Purdue, Ohio State and Wisconsin in a mission too important to ignore, too essential to neglect.

PENNSTATE



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INTERCOM

June 14, 1990

Volume 19, Number 35

Information submitted for publication in *Intercom* is due by noon on the Thursday before publication.

University becomes a member of the Big Ten Conference

It's official. The University is a member of the Big Ten Conference.

The presidents of the Big Ten universities, known collectively as the Council of Ten, voted June 4 to officially make Penn State the 11th member of the conference.

"We believe that Penn State will make a splendid addition to the conference," Stanley Ikenberry, president of the University of Illinois and chairman of the Council of Ten, said.

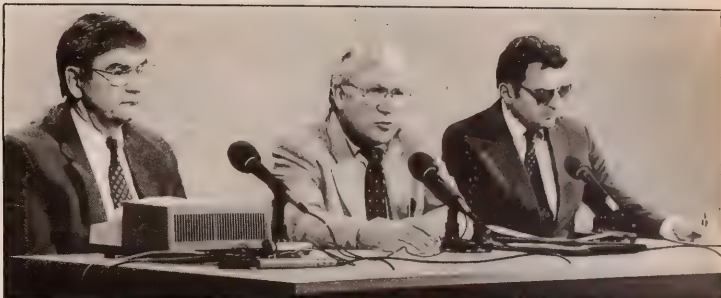
"We're proud of their academic standing. And we've also pleased with the integrity with which they've conducted their athletic programs over a number of years. The conference will now do everything possible to expedite the transition process."

President Jordan said he was delighted by the decision of the Big Ten presidents.

"The successful culmination of the chain of events triggered in December is rewarding and satisfying to all of us who believe Penn State should be positioned, both academically and athletically, with the exceptional institutions which comprise the Big Ten."

Athletic director Jim Tarman called Penn State's relationship with the Big Ten "extremely satisfying."

"Since the invitation was extended last December," he said, "we have worked



Responding to questions from the media on Penn State's membership in the Big Ten are, from left, John Coyle, NCAA faculty representative, athletic director Jim Tarman, and football coach Joe Paterno. (Photo: Greg Grifco)

diligently to address the many transition issues and, with our Big Ten counterparts, to bring about what everyone understood would be a complex integration.

"As President Jordan has remarked, this is a decision that reaches beyond athletics. From the beginning, this affiliation has been driven by the University's desire to join academically and athletically with

institutions of similar mission and stature.

"In the opinion of everyone associated with the decision, this linkage with the Big Ten Conference represents a bold and positive course for the future of Penn State in both sports and scholarship."

John Coyle, the University's NCAA faculty representative, said the faculty is excited about the Big Ten affiliation.

"There also is excitement among our students," Dr. Coyle said. "We feel this is a natural for us in terms of our academic profile."

According to Big Ten commissioner Jim Delany, Penn State could become a competing Big Ten member in some sports during the 1991/92 season.

Changes in University health care program are announced

Earlier this week, the University simultaneously announced changes in University policy, improvements in healthcare benefits, and various increases in healthcare contributions for faculty and staff. The changes are being made following an analysis of a Penn State employee Opinion Survey and discussions with the Joint Administrative/Faculty Committee on Insurance Matters, Personnel Representatives, Directors of Business Services, and other faculty and staff groups.

"We are pleased to be able to announce these changes," Steve A. Garban, senior vice president for finance and operations, said. "Excellent healthcare benefits for faculty and staff have long been a priority for the University. These most recent modifications in University policy and Penn State's healthcare program come after extensive study and review and are in accordance with the University's commitment to provide the best benefits possible to employees."

Mr. Garban noted changes in University policy and

improvements in employee benefit programs as follows:

- Effective July 1: Improvements for staff (clerical, staff nonexempt, and staff exempt employees) will be made in the areas of flexible work scheduling, sick family days, extended childcare leave, and earned time off for part-time employees. Details of these changes are printed in an insert to this edition of the *Intercom*.

- Effective Jan. 1, 1991: Improvements will be made in healthcare coverage for faculty and nonbargaining unit staff as follows:

- The lifetime major medical maximum will be increased to \$500,000. This additional benefit will provide an increased margin of protection for catastrophic medical cases which require extensive treatment and long-term hospital care.

- In response to concerns raised by the University's Commission for Women and others, routine screening mammography will be covered as a major medical expense benefit subject to the appropriate deductible and 80/20

coinsurance. Charges for these exams will be covered annually for individuals 50 years old and older every other year for those 40 to 50 years old.

- The annual maximum benefit under the dental plan will be increased from \$750 to \$1,000. This is being done to permit increased amounts of major dental work such as crowns and other restorative treatment to be covered by the dental plan in a calendar year.

- The vision plan annual maximum will be increased from \$80 to \$100. Many faculty and staff have expressed a need for increased benefits under the vision care program.

- Voluntary participation in the University healthcare program will be introduced. Faculty and staff members may choose not to be covered, or to have just hospital/surgical/major medical coverage, or only dental and vision care, or they may choose to be covered by all of the plans.

- Managed care, which currently is available under Healthpass, is a program designed to insure the most

(Continued on page 3)

Focus on Diversity

Committee named to implement diversity requirement

The University Faculty Senate has appointed a Steering Committee for the Implementation of the Cultural Diversity Requirement.

The committee is chaired by **Mary Dupuis**, professor of education and director of teacher education.

Members include the chair of the Undergraduate Instruction Committee, **Feix Lukacz**, professor of plant pathology; the chair of the Curricular Affairs Committee, **Louis Geschwind**, associate professor of architectural engineering; **Jerry Coveri**, associate dean for undergraduate education; **Deborah Atwater**, associate professor of speech communications and director of minority faculty development;

Janet Atwood, associate professor of exercise and sport science.

Paul Axt, professor of mathematics; **Deborah Clarke**, assistant professor of English; **Donald Fahline**, associate professor of physics, Altoona Campus; **Ronald Filippelli**, professor and head of labor studies and industrial relations; **Daniel Maier-Katkin**, head, Administration of Justice; **Helen Manfell**, professor of theater arts; and **Philip Stebbins**, associate professor of history.

The committee is charged with: — Developing, on the basis of the Senate legislation of March 20, 1990, a set of academically sound and realistically attainable objectives for the categories of

Diversity and Diversity Enhanced Courses identified in the legislation.

— Developing a set of guidelines for faculty, departments and colleges that will assist them in the preparation of course proposals for the two course categories and the submission of them for review.

— Developing criteria which will be used to assess whether the proposed course is likely to attain the objectives that are identified in the proposal. The criteria should ensure that courses that are found to be suitable conform to high academic standards and that the courses deal with their subject matter with integrity and without bias.

The Steering Committee will interact

with the members of a Resource Panel which was selected from a list of volunteers by the Office of Undergraduate Education. It represents a broad range of faculty members and students who, over the past year, have expressed an interest in the development of a cultural diversity requirement.

The Steering Committee has been given a deadline of July 1 to bring the completion of its work. The report of the Steering Committee will be reviewed by the Senate committees on Curricular Affairs and Undergraduate Instruction for presentation to the University Faculty Senate at the first Fall 1990 meeting.

Dr. Stewart is honored by Black Studies Council

James B. Stewart, associate professor of labor and industrial relations and director of the Black Studies Program, has been named winner of the illustrious Presidential Award by the National Council for Black Studies.

The award is the highest honor awarded by the national association. Dr. Stewart received the award for his outstanding research, administrative and overall leadership in the development of the discipline of Black studies.

"It's truly an honor to be recognized by your peers like this," he said. "Therefore, it's very important to me."

A founding member of the organization, Dr. Stewart has served as vice chair for four years. He also has chaired the national accreditation and intervention committees, and organizes the increasingly popular Summer Institute for Faculty program.

This program is designed to acquaint faculty with Black studies and to help them become more familiar with current research and teaching methods. Last year the institute was held at Indiana University. Ohio State University will serve as the host this year. Dr. Stewart said the program involves 10 to 15 professors a year, and he



James B. Stewart

hopes to bring the program to Penn State in the near future.

In the research arena Dr. Stewart has received recognition nationwide. His research during the past few years has included the philosophy of Black studies,

African-American economic development, African-American music, African economic development, multicultural education, factors affecting student retention and the impacts of science and technology on African-Americans.

He has taught Black/African-American economic development, economics of discrimination, social-political thought in Black/African-American music and Black/African-American studies seminars.

Dr. Stewart earned his B.S. in mathematics at the Rose Hulman Institute of Technology, his M.A. in economics at Cleveland State University and his Ph.D. in economics at Notre Dame, where he held both a Notre Dame Afro-American Fellowship and a Ford Foundation National Fellowship.

He joined the Penn State faculty in 1980. He is chair of the University's Equal Opportunity Planning Committee, and is active on a host of search committees, University-wide governance bodies, committees and numerous campus organizations, including the Forum on Black Affairs.

McGeary working on Puerto Rico project

Ken McGeary, director of continuing education at the Penn State Allentown Campus, is on assignment at the University of Puerto Rico's Rio Piedras Campus for six weeks this summer.

His activities will center on professional development, program development, and strengthening the Penn State/University of Puerto Rico partnership.

Mr. McGeary will assist **Stanley Nowak Jr.**, assistant professor of Spanish, humanities and social science at the campus, in planning staff development programs for continuing education professionals. The focus of the programming will be bringing together continuing education staff from both Penn State and the University of Puerto Rico to explore joint programs and to build a commitment to cultural diversity.

"Puerto Rico offers a rich tradition of understanding and sharing cultural experience," he said. "The island is willing to share its refreshing appreciation for diversity."

Mr. McGeary will meet with leaders of the University of Sacred Heart in Santurce, Puerto Rico, to discuss joint program initiatives. One of the programs would create opportunities for students to fulfill Penn State's diversity requirement while living and studying in Puerto Rico.

The relationship between the University of Puerto Rico and Penn State developed in 1988 through the initiatives of Dr. Nowak. This is Mr. McGeary's second assignment at the University of Puerto Rico. He was selected as the first Penn State/University of Puerto Rico faculty/staff exchange participant in 1989 and spent the spring 1989 semester in Puerto Rico developing programs.

WPSX-TV programs

The unwritten rule among black journalists and writers is to avoid condescending commentary on prominent black leaders; however, outspoken author Stanley Crouch has broken all the rules in his new book *Notes of a Hanging Judge*, in which he delivers sharp criticism to some of the black community's most revered heroes.

A self-proclaimed "traitor" to ethnic nationalism, Mr. Crouch tells his story to a studio audience on *Tony Brown's Journal* airing at 11:30 a.m. Sunday, June 17, on Channel 3.

And at 11:30 a.m. Sunday, June 24, Tony Brown presents "Is Hatred America's Newest Sport?" Racial violence is on the move against Jews, blacks and now Asian Americans. This edition of *Tony Brown's Journal* examines the rising violence against Asian Americans with representatives from the U.S. Commission of Civil Rights, the Asian American Legal Defense and Education fund, and the Committee Against Anti-Asian Violence.

Twelve minority scholars participate in program

Twelve minority scholars with specialties in subjects from economic development in Jamaica to creep fracture mechanics will participate this summer in the Scholars in Residence program.

The scholars will teach courses at University Park, Penn State Harrisburg and Penn State Erie, The Behrend College. The program is designed to provide opportunities for minority scholars to teach and conduct research at Penn State, to become familiar with the University and to bring cultural diversity to the communities.

"We're delighted to host these respected scholar-teachers at Penn State," Nancy Tischler, director of the Office of Summer Sessions, said. "As they enrich our classrooms and communities, we know that friendships will develop and lasting relationships will be established."

The scholars are: **Phyllis Boanes**, Earlham College; **Goodwin A. Chukwu**, Oklahoma Geologic Survey, University of Oklahoma office; **Elizabeth Clark-Lewis**, Northern Virginia Community College; **Carlene J. Edie**, University of Massachusetts at Amherst; **Winona Fletcher**, Indiana University; **Anthony O. Gyapong**, Wayne State University; **Michael T. Nettles**, University of Tennessee.

Chuke A. Ogbonnya, Mountain Empire College; **F. Adelle Proctor**, Northeastern University; **Angelica Pozo**, independent artist; **Garth T. St. Omer**, University of California; and **N. Frank Ukadike**, San Francisco State University.

Dr. Boanes, an assistant professor of history, has research interests in the

literature of Africa, U.S. foreign policy and Africa, women in South Africa, and African Blacks and Africa. She will teach a comparative history course at Penn State Harrisburg.

Dr. Chukwu, an Oklahoma Geologic Survey research associate, will teach two mineral engineering courses for the College of Earth and Mineral Sciences.

Dr. Clark-Lewis, professor of history, plans to examine the major themes in Central Pennsylvania's African-American/Black-American history with particular emphasis on the 20th century, and developing historical studies of Black migration to central Pennsylvania during the 20th century. She will teach an American studies course: "Ethnic America: History and Culture of African-Americans in Pennsylvania" at Penn State Harrisburg.

Dr. Edie, assistant professor of political science, conducts research in democratic political processes and economic development in Jamaica. She plans to teach a political science course.

Dr. Fletcher, a professor of theater and drama, has done extensive work on African-American artists in the American theater. At the University Park Campus, she will assist in project planning and script development for plays on the Black American experience by young writers.

Dr. Gyapong, an assistant professor of labor and human resources, is interested in occupational choices and educational aspirations of young African-American and Hispanic males and females. At Penn State Behrend, he will teach an economics course and conduct research for the categories of

Analysis of Initial Occupational and Educational Goals among Black High School Seniors."

Dr. Nettles, University of Tennessee vice president for assessment, will teach a higher education course on minority retention.

Dr. Ogbonnya, assistant professor of environmental science, conducts research in areas such as the effects of insect population on growth and development of field crops. At University Park, he will participate in a research project on integrating pest management and teach a graduate seminar.

The research interests of Dr. Proctor, a professor of speech language, pathology and audiology, include acoustic analysis of speech production in deaf children, infant communication and language performance of African-American English-speaking children. A Penn State graduate, she will teach a hearing and speech disorders course.

Ms. Pozo, an independent artist who specializes in ceramic art, will serve as an artist-in-residence and teach beginning, intermediate and advanced ceramics courses at University Park.

Dr. St. Omer, professor of English, will teach an English course, *American, African and Caribbean Novel in its Colonial Context*.

Dr. Ukadike, a San Francisco State University visiting scholar, conducts research in areas such as Black African cinema, oral tradition and the aesthetics of African cinema. He will teach a communications course on *Third World cinema*.

Donald Hartman is named DuBois CEO designate

Donald T. Hartman, vice president for academic affairs at the University of Charleston, W. Va., has been named campus executive officer designate of the Penn State DuBois Campus, effective July 1.

Jacqueline Schoch, the current CEO will retire on Sept. 30 and Dr. Hartman will become campus executive officer.

We are pleased that Dr. Hartman, a native of Pennsylvania, is joining the Penn State system," President Jordan said. His academic credentials and extensive experience in academic administration will greatly benefit the University and the DuBois Campus.

At the University of Charleston, Dr. Hartman's major responsibilities as chief academic officer include working with the deans of five colleges and the Conservatory of Music to develop academic policies and procedures in areas such as curriculum budgeting, retention and fund-raising.

In addition, he assumed the responsibilities of dean of the faculty and reorganized administrations, financial aid, assessment, registration and records into a new unit, enrollment-management. During



Donald T. Hartman

1988-89, he also became responsible for student life, athletics, development and administration of the operating budget, physical plant and maintenance, food

service, personnel and legal services, food service and facilities.

Prior to his position at the University of Charleston, Dr. Hartman served as vice president and dean for academic affairs at Juniata College in Huntingdon from 1977 to 1984, dean of student services from 1975 to 1977 and associate academic dean from 1971 to 1976.

He received an A.B. degree in philosophy and English literature, magna cum laude, from Albright College in Reading, and M.A. and Ph.D. degrees in contemporary analytical philosophy from the University of Michigan.

His academic and research interests include human and artificial intelligence, philosophy of psychology and philosophy of biology.

Dr. Hartman has been an American Council of Education Fellow and a National Science Foundation Fellow. Other activities include memberships on the American Association for the Advancement of Science, American Conference of Academic Deans and American Philosophical Association.

Bookshelf

Ronald J. Harshbarger, associate professor of mathematics, and **James J. Reynolds**, assistant professor of mathematics, both at Penn State Beaver Campus, are co-authors of the textbook *Calculus With Applications* and two supplements.

The book, published by D.C. Heath and Co., is a second semester calculus textbook for students with majors in business, life sciences and social sciences.

Calculus With Applications covers the full range of topics in calculus of one variable, topics from calculus of several variables, and topics in differential equations and probability.

Its emphasis is on real-life applications that motivate and can be solved by using the mathematical topics developed in the book. Examples include supply and demand/elasticity of demand; cost, revenue and profit; population growth models; growth models for species; compound interest; and spread of disease or rumor or knowledge of an advertisement through a population.

Calculus With Applications is the seventh textbook coauthored by Drs. Harshbarger and Reynolds.

Charles Bierbauer to moderate Eastern Europe symposium

Charles J. Bierbauer, senior White House correspondent for CNN, will moderate a symposium on the ongoing changes in Eastern Europe and their implications for international relations.

The symposium, "The Running Story: Change and Challenge in Eastern Europe," will be held during two sessions on Monday, June 25, at the Nittany Lion Inn at University Park.

The first session, beginning at 1:30 p.m.,

will address the geopolitical aspects of East European changes. The second session, beginning at 7:30 p.m., will concern media coverage of Eastern Europe. The symposium is co-sponsored by the School of Communications and the Office of Summer Sessions.

Mr. Bierbauer is a 1966 Penn State graduate whose career includes television, radio, wire service and newspaper reporting.

Featured panelists should include: John Craig, editor of the *Pittsburgh Post-Gazette*; Trond Gilberg, head of the Department of Political Science and director of the Slavic and Soviet Language and Area Center; Andrew Rosenthal, White House correspondent for *The New York Times*; and former Moscow correspondent, and Susanne Schäfer, chief military writer for the Associated Press.

Personnel, payroll actions being processed EASy

In February, the University took a giant step towards the information age with university-wide implementation of EASy, the Electronic Approval System.

Did you notice? Probably not, because the implementation went so smoothly. As explained by **Ken Blythe**, director of Management Services, "It was a non-event and that's the way we like it."

Offices throughout the University are now required to submit and approve their personnel and payroll actions with EASy. This means that your next appointment, promotion or reassignment will be processed electronically. Gone are the days when these actions were submitted on paper forms which had to be rolled into typewriters, typed, checked, reviewed, approved and mailed to the Office of Human Resources for processing.

Today, those actions are being submitted on an electronic screen (microcomputer or terminal). The same information that used to be typed on paper is now being entered and approved on-line.

Once approved, the action is forwarded to the next approver in a matter of seconds. Whether the action is submitted across the room, down the hall, across campus or across distant campuses, it happens in a matter of seconds. Processes that used to take days now take hours.

Observance of the 25,000th EASy form occurred on May 14 with the submission of a wage recommendation form by **Connie Peters**, accounting clerk in the Molecular and Cell Biology Department of the Eberly College of Science.

Ms. Peters has been very impressed with the ease of use of the system. "I submit 10 to 12 actions a week and find that I can do them just as fast as I used to type the paper form," she said. "The nice thing is that once I finish typing, I simply push a button, and it is passed on for approval. I do not have to leave my desk. It's pretty EASy."

In addition to personnel and payroll forms, EASy can handle purchase orders, general stores requisitions, budget amendments, special requests for check, vehicle reservation forms, wage payroll time cards and others.

Mr. Blythe said the goal in the next few years is to include all administrative forms in EASy.

"The idea is that offices of the University can become self-sufficient with their electronic connection. In addition to EASy, the electronic terminal will support electronic mail, financial records, personnel records, office automation and student records - everything necessary to function in a modern University office."



Connie Peters submitted the 25,000th EASy form on May 14. (Photo: Dave Mengle)

Healthcare program

(continued from page 1)

appropriate and cost effective treatment. Managed care will replace the second surgical opinion program in healthcare Plans A and B. Under managed care, a healthcare specialist will provide patient support service in managing a treatment program. Complete details about managed care will be made available at a later date.

In conjunction with these improvements, and as a means of keeping pace with both the rising costs of healthcare and faculty and staff needs for such care, Mr. Garban said, the University will increase gradually the healthcare contribution required of each faculty or staff member over the next several years.

"The cost of medical care is rising rapidly, not only nationally, but also at Penn State. Healthcare for a single individual at the University in 1990-91 will cost \$145.80

per month (\$1,749.60 per year). Family coverage will be \$330.27 per month (\$3,963.24 per year). These costs are up from \$74.50 and \$150.62 just five years ago.

According to Mr. Garban, the University currently pays 97 percent of healthcare costs for employees. Faculty and staff members contribute \$3.06 per month for single coverage and \$8.60 a month for family coverage. The amounts paid by faculty and staff have remained virtually unchanged for 25 years.

Most employers require their employees to share in the cost of medical care at a much higher level than Penn State," he added, noting, among other things, that the Opinion Survey conducted two years ago indicated that many Penn State faculty and staff members were willing to increase their contribution provided that they received improved benefits.

Effective Jan. 1, 1991, the faculty/staff healthcare contribution will be increased from \$3.06 per month to

\$9.25 per month for single coverage. At the same time, family coverage will increase from \$8.60 per month to \$22 per month.

These rates represent approximately 6 percent of total healthcare costs," Mr. Garban explained. He also said plans call for the rates to increase gradually over a period of several years. At the same time, improvements to the healthcare program will be made so that faculty and staff will continue to have excellent healthcare protection.

Mr. Garban also noted that faculty and staff contributions to healthcare may be treated as pre-tax dollars under the University's flexible benefits program.

Faculty and staff members will be asked to complete enrollment information indicating their choices for coverage to be effective Jan. 1, 1991 in October and November of this year. Additional information will be provided by the Office of Human Resources over the summer and fall.

Focus on the arts

Recital

A program of music for clarinet and piano will be presented by Evelyn Ellis and Jill Olson at 3 p.m. Sunday, June 17, in the Recital Hall of the Music Building at University Park.

The duo presents a recital each summer, performing music from the early classical period through the 20th century. Ms. Ellis is a University graduate with a master's degree in clarinet. Ms. Olson is a graduate of the University of Wisconsin and currently teaches piano in the State College area. They will be joined by Raymond Page, viola. Mr. Page is a retired University professor of music and member of the Allard String Quartet.

This year's recital, titled "Discoveries," opens with the "Sonata for Clarinet and Piano" by a Canadian, Violet Archer. The sonata will be followed by the "Trio for Clarinet, Viola and Piano" by W.A. Mozart. The recital closes with the "Sonata for Clarinet and Piano" by American composer Daniel Gregory Mason.

The recital is free and open to the public.

Australian films

"Australia-A Turning Point" is the theme of the Australian Film Festival to be held June 17-22 at University Park. The festival, co-sponsored by the School of Communications, the Office of Summer Sessions and the Australia-New Zealand Study Center, features films and follow-up discussions with visiting Australian film experts.

Films to be shown are:

.. "Breaker Morant," at 7:30 p.m.

.. Sunday, June 17, in Schwab Auditorium. Chronicles the scapegoating and execution of Australian hero Breaker Morant by the British army in South Africa.

.. "Vincent" and "My First Wife," at 7:30 p.m. Monday, June 18, in Eisenhower Auditorium. The first is the life story of Vincent Van Gogh, while the second details the painfulness of a failed marriage.

.. Kangaroo, at 7:30 p.m. Tuesday, June 19, in Eisenhower Auditorium. Based on D.H. Lawrence's novel about his experiences in Australia. Will be followed by The Year My Voice Broke, about a 15-year-old boy's thwarted passion for a troubled girl who is years ahead of him sexually.

.. The short films A Girl's Own Story, Passionless Moments, Peel, and Cane Toss. An Unnatural History, at 7:30 p.m. Wednesday, June 20, in Schwab Auditorium.

.. Dead Calm, at 7:30 p.m. Thursday, June 21, in Schwab Auditorium. A couple's peaceful sailing trip turns into high seas terror when they encounter a derelict ship and its deranged sole survivor.

.. Sweetie, at 7:30 p.m. Friday, June 22, in Schwab Auditorium. Examines the roots of sibling rivalry between two sisters - one a reedy introvert, the other an elaborate extrovert.

Guest film experts from Australia will include directors Tim Burstall and Paul Cox, and Sandra Hall, a film critic with the Bulletin.

The festival is coordinated by Mary Gage, assistant professor of film/video and theater, and Henry Albin, director of the Australia-New Zealand Study Center.

The arts on Channel 3

The Metropolitan Opera's production of Wagner's complete *Der Ring des Nibelungen* will be televised on four consecutive evenings beginning at 8 p.m. Monday, June 18, on WPX-TV. It will be the largest opera telecast ever undertaken in the history of American television with 17 hours of opera in prime time.

The four operas in the cycle are: *Das Rheingold*, which opens the telecast on June 18, followed by *Die Walkure* on June 19, *Siegfried* on June 20 and *Götterdämmerung* on June 21. The cast includes Hildegard



Evelyn Ellis will play the clarinet in a recital with Jill Olson at 3 p.m. June 17 in the Recital Hall of the Music Building.

Behrens, Jessye Norman, Christa Ludwig, Tatiana Troyanos, Siegfried Jerusalem, Gary Lakes, Heinz Zednik, James Morris, Ekkehard Wlaschka, Kurt Moll and Matti Salminen.

The programs also will be simulcast on WPSU Radio, 91.1 FM.

Grammy Award-winning singer Melissa Manchester and tenor saxophone great Stan Getz join conductor John Williams and the Boston Pops Orchestra at 10:30 p.m. Friday, June 22, for an evening of jazz and pop selections. Highlights include a Getz/Manchester duet of "Sophisticated Lady," Manchester's hits "Midnight Blue" and "Come in from the Rain" and the Mr. Williams theme from "Born on the Fourth of July."

Museum lecture

The curator of an exhibition that highlights traditional Pennsylvania crafts will discuss the exhibition at 8 p.m. Wednesday, June 20, at the Palmer Museum of Art at University Park.

Shalom D. Staub will discuss the planning and research behind the exhibition "Craft and Community: Traditional Arts in Contemporary Society," on view at the museum through July 22.

The exhibition explores the work of individuals who have preserved traditional methods in producing contemporary crafts. Crafts from 24 counties in Pennsylvania, representing 26 ethnic, occupational, regional and religious traditions, are included in the exhibition, which is organized to convey the relationship between the object and the maker.

Dr. Staub, who currently is the executive director of the Pennsylvania Heritage Affairs Commission, began working on the exhibition during his tenure as director of the State Folklife Programs.

He earned his bachelor's and master's degrees in anthropology from Wesleyan University in Connecticut and his doctorate in folklore and folklife from the University of Pennsylvania.

The exhibition is co-sponsored by the Pennsylvania Heritage Affairs Commission and the Balch Institute for Ethnic Studies. It also is supported through a grant from the National Endowment for the Humanities.

Music at Penn's Woods

Two guest conductors, along with some renowned soloists and chamber ensembles will perform at University Park this summer as part of Music at Penn's Woods.

Beginning its fifth season, Music at Penn's Woods will present four consecutive Saturday evening concerts at 7:30 p.m. in Schwab Auditorium from June 30 to July 21.

Led by conductor Douglas Meyer, associate professor in the School of Music, the Penn's Woods Philharmonia brings together 45 young professional musicians from around the country.

On July 7, the Munich conductor, Julius Kar-Bartoli, will lead the orchestra. Mr. Kar-Bartoli is noted for his interpretations of Dvorak and 20th-century composers. On July 14, a free concert will be given as a part of the Central Pennsylvania Festival of the Arts. Philip Nuzzo, artistic director for the Mississippi Opera Company and a graduate of the Mannes College of Music in New York City, will be the guest conductor.

This special Arts Festival concert also will feature guest soloist Paul Tobias, an outstanding American cellist who has performed with Michael Tilson Thomas and this season was a soloist with the New York Philharmonic.

For the final concert of the season on July 21, the featured soloist will be mezzo-soprano Carol Kreuscher. Ms. Kreuscher, who has her doctorate from the University of Texas at Austin, has performed with opera companies across the country.

In addition to the Saturday concerts, the month-long festival offers free chamber music performances on Wednesday evenings and Sunday afternoons in the Recital Hall of the Music Building.

The Escher Quartet from Kansas City will return to perform again this season, as well as the Alard String Quartet and the Pennsylvania Quintet. The members of the Alard Quartet and the Pennsylvania Quintet are either current or retired faculty members of the School of Music.

Music at Penn's Woods is sponsored by the School of Music and the Office of Summer Sessions. Tickets are available for the Saturday concerts from the Eisenhower Auditorium Ticket Center. Prices are \$4 for adults and \$2 for students and children. Call (814) 863-0255.

Craft Centre

The HUB Craft Centre announces a new session of classes for adults and children and the opportunity to purchase memberships for the use of the pottery facilities.



Shalom Staub, curator of the exhibition, "Craft and Community: Traditional Arts in Contemporary Society," will discuss the exhibition at 8 p.m. June 20 at the Palmer Museum of Art.

The Centre offers a variety of classes such as wheelthrowing pottery, weaving, quilting, watercolor, drawing, stained glass, etc. The children's schedule offers a variety of new workshops and art experiences. This summer, the Centre is featuring fly tying for junior and senior high students. Memberships also are offered for the use of the pottery facilities.

For more information, stop by 312 HUB or call 863-0611.

Piano festival

A national piano festival devoted to the teaching principles of Tobias Matthay, one of the foremost 20th-century piano teachers, will be held at University Park June 20-24.

The festival will include lectures, demonstrations, performances and master classes on Mr. Matthay's principles as they apply to teaching situations at all levels, including that of the performing artist.

David Garvey, professor of piano at the University of Texas at Austin and accompanist for Leontyne Price, is the special guest artist for this 33rd annual Matthay Festival.

The festival also will include four free evening piano recitals at 8 p.m. June 21-24 in the Recital Hall of the Music Building.

Carl Blake, chairperson of this year's festival, will open the evening recitals, with his performance to include Six Preludes by Debussy, Sonata in E flat major by Haydn, Polonaise-fantaisie in A flat major by Chopin and Sonata in E flat minor by Barber.

David Watkins of the piano faculty of Kennesaw State College in Georgia will perform June 22. His program includes Toccata, Adagio and Fugue by Bach, transcribed for piano by Busoni; Rondo in C major by Beethoven; Sonata in G major by Mozart; L'Isle joyeuse by Debussy; and Sonata in B minor by Chopin.

Nineteen-year-old Christopher Harding, an honor student at the Eastman School of Music, will present the June 23 recital. His program includes three sonatas by Scarlatti; Schubert's Sonata in A major; two of Rachmaninoff's Etudes-tableaux, Op. 39; Prokofiev's Saracens; Schumann's Variations on the name "Abeeg"; and Debussy's "Children's Corner Suite."

The recital series will conclude June 24 with a performance by Kenneth Huber to include Sonata in C minor, the "Pathétique," by Beethoven; "Two Legends" by Liszt; and three works by Mozart. They are: Sonata in C major, Fantasia in D minor and Rondo in D minor.

Mr. Matthay, who established a piano school in Britain in 1905, trained such notables as Myra Hess, Clifford Curzon, Irene Scharrer and Frank Mannheimer. He taught in this country during the 1920s and '30s.

For more information about program content, contact Dr. Blake, 115 Arts Building, telephone 865-3775. To register for the daytime sessions, contact Barbara, 410 Keller Conference Center, telephone 865-4591.

Groundbreaking held at Hazleton Campus

President Jordan has announced the name of the new academic building at the Penn State Hazleton Campus as the Evelyn Graham Academic Building.

According to James J. Staudenmeier, campus executive officer, a major gift from Evelyn and Seymour Graham through the Graham Foundation has put the \$1.5 million Hazleton Campaign very near its goal and enabled construction on the academic building to begin immediately.

The campaign, now in its third of five years, is only the second major fund-raising effort at the Hazleton Campus, the first such capital campaign in 1966 resulted in what is now the Kostos Classroom/Laboratory Building.

The new academic building will contain three traditional classrooms seating about 75 students each, an amphitheater seating 120 that will contain the latest in instructional equipment, a number of faculty offices, student study space, and a lobby/exhibit area.

At groundbreaking ceremonies for the Evelyn Graham Academic Building, President Jordan expressed his appreciation to those who helped make the building a reality.

"All of you—friends, alumni, volunteers, donors, students and faculty and staff—have helped through this campaign to make the future brighter for the Penn State Hazleton Campus," he said.



Report on the recommendations of the Strategic Study Group on the Status of Women

Message from President Jordan

I am encouraged to see the many activities that are ongoing as a result of the Strategic Study Group on the Status of Women.

The Commission for Women had been in place for a number of years prior to my arrival at Penn State. The Commission already had begun to identify concerns of women and suggested to me that a formal study of these concerns would be helpful. Thus, the strategic study group was established in the fall of 1985. After considerable listening throughout the University, the study group identified 192 recommendations which ultimately were grouped into the three major areas: leadership share, structure and quality of university work life, and structure and quality of the academic environment.

The study group's report has helped the University make needed progress. In the area of leadership share, more women have been hired into managerial and

administrative positions. We are looking for continued progress in all areas and especially in the executive, administrator and academic administrator areas.

In the area of structure and quality of University work life, the University has undertaken a major project headed by the Office of Human Resources. The project is to design and to implement a single job evaluation program for clerical and staff positions. Progress on the project is moving as anticipated. We are confident that the University's expectations will be realized in the next 18 months. We also have identified childcare needs of students, faculty and staff as a major concern at Penn State. This emphasis for clerical, staff and staff nonexempt employees, along with policy changes regarding flexible scheduling, part-time employees, sick family time and extension of childcare leave to one year, all speak to improving

University work life.

We also are concerned about the structure and quality of the academic environment. With the assistance of the University Faculty Senate, a committee to focus on ways to eliminate the "chilly" classroom climate has been established. Another committee is reassessing how the University is dealing with aspects of sexual harassment to ensure that we are doing everything possible to make the academic environment what it needs to be in order to enhance the learning experience.

These and other accomplishments come as the result of the sustained good work and dedicated teamwork on the part of many in the University community. It is my hope that such efforts will continue in the years ahead.



Bryce Jordan

Bryce Jordan

History of the strategic study group

In 1985, President Jordan appointed the Strategic Study Group on the Status of Women to examine areas of concern to women at the University.

The president's action was in response to a proposal by the Commission for Women that the University study every aspect of the status of women at the University, including their leadership share, the structure and quality of University worklife, and the structure and quality of the academic environment.

The study-group format, in keeping with Dr. Jordan's emphasis on strategic planning for the University, brought together some 30 individuals representing administrators, faculty members, staff members and graduate and undergraduate students.

The formation of the study group represented the first comprehensive examination of the situation of

women throughout the Penn State system since the University developed a policy of equal opportunity and affirmative action in 1971.

Kathryn Moore, former professor of education and director, Center for the Study of Higher Education, chaired the study group, and Michael P. Johnson, research director and associate professor of sociology and women's studies, directed the gathering and analysis of the data.

During its three-year tenure, the study group made 192 recommendations in a series of five reports submitted in November 1986, April 1987, July 1987, December 1987 and March 1988.

This special *Interim* insert outlines the status of the study group's recommendations.

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Commission for Women oversees implementation



Members of the Commission for Women's Implementation Review Committee discuss the status of recommendations of the Strategic Study Group on the Status of Women. The committee is chaired by Mary M. Dupuis, chairperson-elect of the Commission.

A major role of the Commission for Women is to oversee the implementation of the recommendations of the Strategic Study Group on the Status of Women, Jill Findeis, Commission chair, says.

Dr. Findeis, associate professor of agricultural economics, explains that the Commission serves in an advisory role to the University president on matters affecting women.

"The Commission is helping to shepherd the study group's recommendations through the implementation process," she says. "We want to make sure that the recommendations are not forgotten."

The Commission also serves as an advocate for women, making their concerns known to the administration, she added.

Many of the issues of concern to the Commission are described in this *Interim* insert.

The Commission's priorities for 1989-90 include:

- ... continuing to review progress on the job reclassification study being conducted by the Office of Human Resources;

- ... supporting recruitment and retention of women at all levels and in all categories of positions;

- ... working for and encouraging efforts to change attitudes toward women, including women students at the graduate and undergraduate levels;

- ... improving benefits available to University employees and encouraging changes leading to a more flexible work environment;

- ... supporting expansion of childcare options; and
- ... supporting the efforts of women of color to achieve equity.

The Commission's 37 members are appointed by President Jordan. Members serve three-year terms or, in the case of students, until they graduate. Meetings are held monthly during the academic year and are open to all interested persons.

Staff support is provided by the Office of Planning and Analysis, Room 405 Old Main, telephone 865-1683. The Commission welcomes comments and questions from members of the University community.

Report on the recommendations of the Strategic Study Group on the Status of Women

Leadership share

One of the three major areas of the recommendations received from the Strategic Study Group on the Status of Women is the area of leadership share.

"Leadership share" is a term which refers generally to encouraging women to take positions within the University which provide an opportunity for women to participate in the decisions, the leadership, of the institution. These positions are usually executive, administrator, manager and academic administrator roles.

Each of the recommendations in this area has been reviewed, and action has taken a number of different forms.

In the area of affirmative action, President Jordan continues to urge compliance with the University's Affirmative Action Plan through oral and written correspondence to executive officers and deans.

The policy directing executive and academic administrator search procedures has been revised to include national searches. Vice Provost Grace Hampton, who is responsible for executive searches, works with staff in the Affirmative Action Office on these searches.

The vice provost for underrepresented groups will be working with the Affirmative Action Office to fill dean and department head positions, as they become vacant. Searches in these leadership positions, which have been targeted for outreach to women, are financially enhanced by the Women's Recruitment Fund.

Of significant importance to the issue of leadership share is the University's decision to adopt as one of four goals for the five-year strategic plan a goal that speaks to diversity. The goal states, in part, that the University wants to build "a supportive environment for both women and men in the University's classrooms and research centers and in our communities that reflects our nation's diverse racial and ethnic populations and the multifaceted histories, experiences and knowledge of all humankind."

Commitment by area of the University, with budgeted actions identified, will go a long way toward achieving the recommendation of leadership share as intended by the strategic study group.

Retention and promotion of women from within also is an important component of the University's goal of leadership share. In order for appropriate staff in the University to learn ways to encourage women to remain at Penn State, it is helpful to know why some choose to leave.

To that end, the University will be piloting a two-phased exit interview process. The first phase is a written survey of those leaving the University. Some administrative areas participating in the pilot study may conduct exit interviews face-to-face, if the staff member agrees with that approach. The second phase is an interview by telephone a month or two after the individual has left the University.

Once the exit interview process has been piloted, it will be revised, as necessary, and expanded. In administrative areas of the University where exit interviews are already in place, no change will be made in the process. If the pilot



Since its inception in 1986, seven individuals have participated in the Administrative Fellows Program. They are, from left, Lydia F. Abdullah, audit manager, internal auditing, Corporate Controller's Office; W. Terrell Jones, special assistant to the provost; Joan S. Thomson, coordinator for staff development and assistant professor of rural sociology; Del Sweeney, special assistant to the executive vice president and provost; Roseann Sieminski, bursar; Mary M. Dupuis, professor of education and director of teacher education; and Patricia Farrell, associate professor of leisure studies.

generates helpful questions and responses which are not currently being used in some of these areas, the Office of Human Resources will urge their use universally.

Ultimately, the intent is to have exit interviews throughout the University. The interviews will include questions of consequence to the entire University and other questions which may be work-area specific.

A number of other activities also are intended to support the promotion of women from within the faculty.

For example, Dr. Hampton, in her capacity as vice provost, speaks regularly on the promotion and tenure process at the University, emphasizing the standards and criteria contained in PS-23. Her efforts are aimed at excluding gender bias, which might otherwise occur in the promotion and tenure process.

Another area of importance to faculty members seeking promotion and/or tenure is research, which requires adequate funding to pursue. To assist faculty members in their research efforts, the research initiation grant (RIC) is now an ongoing program at the University.

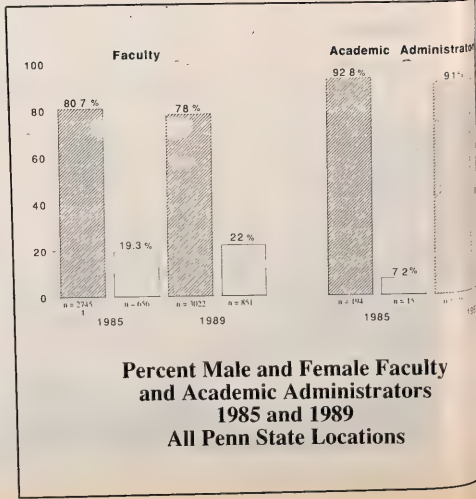
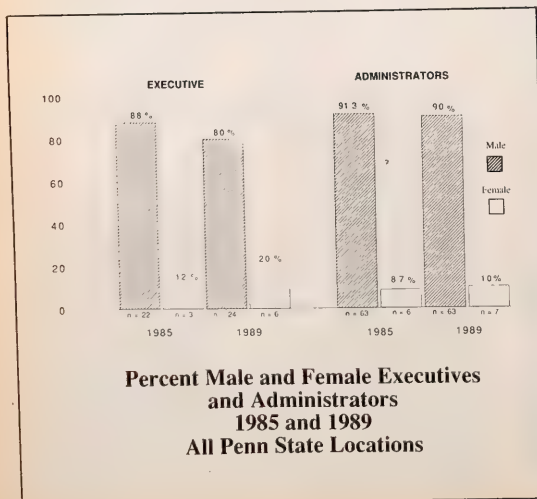
Promotion from within also is enhanced with the Administrative Fellows Program, which provides an opportunity for improving the growth of minority and women faculty and staff members. To date, seven administrative fellows have participated in the program. Currently, two extensions of the fellows program are

being contemplated. One extension is to seek funding to add an administrative fellows position regionally at a location away from University Park. The second extension is still being designed by a subcommittee of the Commission for Women and staff in the Office of Human Resources. It will be a program or programs which will be accessible to women who are in roles which do not fit the existing fellows program.

To enhance the necessary advocacy role of the Equal Opportunity Planning Committee (EOPC), the chairperson of the Commission for Women was added to the EOPC's membership. Women's equity has been added as a separate funding category. University students, faculty and staff members are urged to note EOPC's schedule for "request for proposals" and to submit proposals for projects which will support the philosophy of women's equity.

Some of the proposals accepted to date include:

- Sexual Assault Awareness/Prevention Week - Fall 1990 (sponsor: Center for Women Students)
- Mentoring and Leadership: Improving the Educational Environment for Women (sponsor: Schuykill)
- Reaching Your Potential: Women in the 1990s (sponsor: Schuykill)
- Heighten Awareness of Women's Studies within the Commonwealth Educational System and the University Park Campus (sponsor: Women's Studies Program)



Strategic Study Group on the Status of Women

Structure and quality of the academic environment

Emphasis in the quality of work life and of the academic environment involves more than policies, procedures and programs. To a large degree, it involves attitude.

Among the issues involved in the academic environment area is that of curriculum development. During this past academic year, the University Faculty Senate passed a resolution on curriculum integration and it has formed a coalition on chilly classroom climate. In addition, questions concerning climate issues will be available for student evaluation of teaching beginning in fall 1990.

Another issue related to academic environment is diversity. As the University continues to expand and recruit more faculty and staff members, the University community will become more diverse. With diversity comes a need for faculty, staff and students to respect people for their similarities and their differences. President Jordan established the Commission on Racial/Ethnic Diversity in spring 1989 to take on the role of enhancing the climate for diversity. In a related move, the statement used in all University classified advertisements has been revised to read: "An affirmative action/equal opportunity employer, women and minorities encouraged to apply." Another area of academic environment concerns student-faculty ratios. With the increase in female faculty members, the student-faculty ratio for women has declined.

Quality of the academic environment also affects returning adult students. To ensure a quality academic environment for these students, organizations have been formed at most locations, hours have been extended for special offices and activities, and some special times for courses have been arranged. The Committee on Adult Life and Learning is a recently established task force.

Study group recommendations also focus on women's athletics. Recently, an administrative change assigned all coaches of women's sports to report to an assistant director who works with an associate athletic director. The assistant directorship was subsequently filled by Ellen Perry. A Commission for Women subcommittee will emphasize women's athletics.

This year, various groups have come together to re-evaluate the University's program on sexual harassment. In addition, through educational efforts, the University has seen the elimination of X-rated movies on campus.

The Center for Women Students and the Center for Student Involvement and Leadership have been active in developing educational programs which speak to the issues of sexual violence against women. The Sexual Assault Awareness and Prevention Week activities have been funded a second year through EOPEC.

Several initiatives originating in the Department of Safety and Environmental Services are leading to improvements in the academic environment. They include the establishment of a victim/witness advocate position and the creation of a University Park night map for students, faculty and staff members. The night map is available by contacting your personnel representative or by calling 863-1111. In addition, lighting improvements University-side are nearing completion, and an escort service for students, faculty and staff members is available at most University locations.

Structure and quality of University work life

The University has undertaken the Staff Position Evaluation and Compensation Program (SPEP) to ensure that the job evaluation and compensation structures are fair, equitable, reward excellence and provide career growth.

The program combines the existing classifications of staff exempt, staff nonexempt and clerical into a single staff category with a customized job evaluation and compensation plan. Consultants from Mercer Inc. are working with the University's Office of Human Resources on the project.

Another area of concern of the strategic study group focused on aspects of part-time employment.

In response to the study group's recommendations, qualified part-time employees became eligible for health insurance on Jan. 1, 1989. While the benefit does not meet the full expectations of some, it does make health care available to those who previously had not had access.

The University is continuing to study the impact of additional benefits packages. Effective July 1, qualified part-time employees will begin to accrue paid "earned" time.

Other study group recommendations focused on family care issues facing employees, which can be addressed, to some degree, by the University.

Currently, the major thrust is on childcare. President Jordan has named an Executive Committee to be involved in policy decisions affecting childcare.



In 1989, the Hershey Medical Center opened the Magic Years Child Care and Learning Center to provide its staff members with a convenient day-care option. More than 120 children of medical center staff members are enrolled in the center.

Similarly a University-wide Advisory Committee representing student, faculty and staff constituents has been charged with providing advice on the myriad of childcare issues. A search is being conducted to identify a director of the Office of Childcare Services. The director will report to the assistant vice president for human resources.

Models of childcare services are already in existence at various locations throughout the University. At University Park, both the College of Education and the College of Health and Human Development have programs affiliated with the Child Development Council, a community-based organization.

The Hershey Medical Center has opened a new facility in collaboration with Magic Years. Still other locations have made use of referral models. A referral list for University Park is available through the Employment Office, phone (814) 865-1387, in the Office of Human Resources.

The goal is to provide the best childcare possible through models that best fit each University campus and each of the constituencies within the University community.

Applicable policies and procedures will need to be better understood and, when appropriate, modified. One such policy which will be effective July 1, is the applicability of flexible work schedules, if they can be accommodated in work areas. Flexible schedules can be helpful in addressing drop-off and pick-up times for children in day care facilities.

The University Faculty Senate's resolution to allow "stopping out" of the tenure track for childcare situations also addresses the childcare needs of faculty members. The

administration is reviewing the resolution to identify the details of its application. Response by the administration is anticipated in July.

Childcare for dependents of students often takes on different perspectives from those of faculty and staff members, who tend to need all-day care. The Childcare Task Force made a number of recommendations which speak to the needs of students.

These recommendations, along with others made by the task force, will be blended with still others from the Advisory Committee. Together with the expertise brought to the role by the director, these many recommendations will support the University's decision to provide the best childcare possible.

The search for the director of the Office of Childcare Services is on schedule, and it is anticipated that the successful candidate will be named no later than September.

Another policy effective July 1 provides for three sick leave days per year, per staff member, to be used for care of sick children.

While support within the University to deal with childcare issues can directly affect work life, so too can support in such areas as career counseling and assistance in dual-career placement.

The Office of Human Resources in conjunction with Career Development and Placement Services offers faculty and staff members career counseling and related services. In addition, the Human Resource Development Center has expanded its offerings of non-fee courses in the areas of career change, career counseling and career planning.

Continued on page A-4



Sabrina C. Chapman, director of the Center for Women Students, and William W. Asbury, vice president for student services, both addressed a spring press conference devoted to the University's efforts to combat sexual assault and ensure a climate of personal safety. These efforts include a University policy on sexual assault and abuse, as well as educational programs and support services for victims of sexual assault.

Four new policies become effective July 1

The Office of Human Resources announces the implementation of four new policy initiatives effective July 1.

The initiatives, which are applicable to all staff (clerical, staff nonexempt and staff exempt) not represented by a union, faculty (extended childcare leave) and certain long-term nonregular employees (earned time for part-time employees) are flexible scheduling, sick family days, extended childcare leave and earned time off for part-time employees.

"Both the Strategic Study Group on the Status of Women and the Childcare Task Force have recommended that the University develop these initiatives. We are pleased to have been involved with this project and with the positive reception with which all of these policy initiatives have been received," Billie Willis, assistant vice president for human resources, said.

She added, "These initiatives have been reviewed by many members of the University community, including personnel representatives, the Commission for Women, the President's Administrative Policy Council (PAPC), the Council of Academic Deans (CADs), and a University-wide focus group of employees, all of whom provided advice and ideas on this project. I wish to thank all of them for their assistance and support on these initiatives."

Flexible scheduling

One of the ways to enhance the quality of work life for staff is to provide them the opportunity to adjust their work schedules to meet changing personal needs.

Although some individual departments have had informal flexible arrangements for years, the Office of Human Resources has developed a personnel guideline to give guidance to employees and departments where there is employee interest and the work needs permit such flexible scheduling.

Flexible scheduling can be as simple as working extra hours at the beginning of a workweek in order to leave early on Friday to accommodate a day-care provider. It also can be more complicated, such as an ongoing arrangement involving core time (when the employee must be present unless specifically excused by the supervisor) and flexible time (when start, lunch and end times are left to the discretion of the employee). Or, flexible scheduling can be any other long-term or temporary variation in the workday or workweek.

Following is a summary of the flexible scheduling provisions:

- applicable to all staff not represented by a union
- provides for both long-term and temporary changes in the workday
- could be used by an employee to accommodate family-care provisions, carpooling arrangements, doctor's appointments, classes or other personal obligations
- not intended to alter the number of hours worked in a workweek
- references Federal Wage and Hour Laws which mandate payment at time and one-half the hourly rate for any hours worked in excess of 40 during a workweek for nonexempt employees
- provides for a wide variety of possibilities, such as establishing alternate start and finish times, establishing flexible hours at the beginning and ending of the day, or simply working more hours on some days and fewer hours on other days
- all changes contingent on supervisor's approval
- permission to change working hours is a privilege, not a right
- request to be in writing to the supervisor with a copy sent to the personnel representative

Family care

One concern facing many employees is the care of their family. In order to help such employees address that concern, we have developed modifications to both the various sick leave policies and Personnel Guideline No. 11, "General Provisions Applicable to Requests for Childcare Leaves of Absence."

The sick leave policies have been modified to allow employees to use up to three days of accumulated sick leave per calendar year to care for a sick family member or a member of the employee's household. The care provided may include either bed-side care or accompanying the family member to a doctor's appointment. The absences provided for by this policy will not be considered as part of an employee's attendance record for the purposes of job bidding.

Personnel Guideline No. 11 has been modified to extend to one year the current provisions of six months for a newborn childcare leave of absence without pay. In the case of adoption, the one-year leave of absence without pay now begins from the date of adoption, not the date of birth.

Earned time for part-time employees

In addition to the contributions of regular employees, many departments rely on part-time employees. Some of these part-time employees desire to work a less-than-full-time schedule and do so for many years.

After the implementation of healthcare benefits for these long-term part-time employees, we began discussing the possibility of paid time off for this group," Dr. Willis said. "We have decided that the concept of earned time would ideally address this concern of paid time off for part-time employees."

The earned time concept provides employees with paid time off, which is earned each month to be used for whatever reason the employee chooses: illness, vacation, family care, etc.

Following is a summary of the earned time for part-time employees provisions:

- applicable to all nonregular, nonacademic employees not represented by a union
- revise PS-5, Regular and Nonregular University Employees, to include healthcare, holiday and paid time off provisions
- healthcare language states the provisions implemented in January 1989
- holiday language applies to employees with at least two years of continuous service in a work unit working at least 750 hours each year and states that such employees will receive their regular pay for the holiday if they are not required to work or time and one-half the hourly rate for all hours worked on the holiday
- provides for the accumulation of service days at the Hershey Medical Center
- earned time off language applies to employees with at least two years of continuous service in a work unit working at least 750 hours each year, and provides for accumulation of earned time each month on the basis of eight hours for each 168 hours paid; a maximum balance of 96 hours; the ability to transfer vacation time to earned time when changing from full-time status to part-time status within the work unit and vice versa; and payoff of earned time balance when employment is terminated or employee transfers to a different work unit.

Copies of the new policies have been distributed to the personnel representatives and will be distributed to all holders of Personnel Policy Manuals in the near future. Contact the Employee Relations Office, Box 7, Rider Building, 865-1412 (network, 475-1412), for more information.

University work life

Continued from page A-3

The Dual Career Assistance Program also has expanded. A five-county consortia has been established to provide more readily available information about job vacancies outside the University which might better serve the professional expectations of a partner of a new University faculty or staff member.

Penn State, like so many research universities nationally, continues to seek ways to better accommodate dual-career needs. Statistics indicate that within this decade, 80 percent of the professionals in this country will have dual-career needs. What we do know is that the more lead time available in assisting a partner, the broader the area of the consortia and the more cooperative the administrators of various academic and work units, the more successful the University will be in filling positions with well-qualified, diverse faculty and staff members.



Meeting the health needs of women students is important to the Women's Health Department. Shown discussing women's health issues are, from left, Joanna Moyer, certified nurse practitioner and acting coordinator, Women's Health Department, University Health Services; Robyn White, vice president, Student Health Advisory Board; Carolyn Buchanan, student director, Peer Contraception Education Program, who graduated in May; and Susan Kennedy, associate director for health promotion and education, University Health Services, and Commission for Women member. The discussion took place in the renovated women's health waiting room in Ritenour Health Center, University Park.

The report on the recommendations of the Strategic Study Group on the Status of Women is published by the Office of Public Information as part of the June 14, 1990, edition of *Intercom*, 312 Old Main, 865-7517.

It has been compiled by the Office of Human Resources and the Commission for Women and designed and written by William E. Campbell and Deborah A. Benedetti.

University Park Calendar

June 14 --

July 1

Special Events

Thursday, June 14

Summer Sessions, music, noon, Fisher Plaza.
seminar, 3:30 p.m., Nittany Lion Inn. Fireside
Lounge. Adrian Oceano, on "Knots, Quantum
Knots and Quantum Symmetry" billiard clinic,
6 p.m., HUB. Ice skating, Diversions, 7:10
p.m., PSU rink. Explazaganza concert, 7:30
p.m., Fisher Plaza.

Friday, June 15

Summer Sessions. Diversions, ice cream, 7-8 p.m.
Creamery.

Saturday, June 16

Shaver's Creek. Bird Breakfast, 7:30-9:30 a.m.
Call 863-2000.

Summer Sessions, summer jam, 9 p.m.-1 a.m.,
Paul Robeson Cultural Center.

Sunday, June 17

Shaver's Creek, Natural History Walk, 2-4 p.m.
Call 863-2000.

Australian Film Festival, 7:30 p.m., Schwab Aud.
Broken Arrows.

Monday, June 18

Australian Film Festival, 2 p.m., Eisenhower
Aud., *Golden Branks*; 7:30 p.m., Eisenhower
Aud., *Vincent and My First Wife*.

Tuesday, June 19

Summer Sessions, music at noon, Fisher Plaza.
Diversions, bowling, 7-9 and 9-11 p.m., Rec
Hall. Diversions, ice skating, 8-11 p.m., Ice
Rink. Explazaganza film, 9 p.m., Fisher Plaza.
Australian Film Festival, 2 p.m., Eisenhower
Aud., *Filming*; 7:30 p.m., Eisenhower Aud.,
The Year My Voice Broke and *Winter of Our Dreams*.

Wednesday, June 20

National Piano Festival, through June 24.
Six Week Session begins.
Australian Film Festival, 7:30 p.m., Schwab Aud.
Cane Town.

Pennsylvania Centre Stage, 8 p.m., Pavilion
Theatre. *A Shogun Manda*, through June 23.
Summer Sessions, film, 9 p.m., HUB lawn.

Thursday, June 21

Summer Sessions, music at noon, Fisher Plaza;
seminar, 3:30 p.m., Nittany Lion Inn, Fireside
Lounge. Eric Feigelson on "Portrait of the Sun
as a Young Star"; Summer Solstice: Star Party,
9-11 p.m., old floor Davey Lab (Raindate 6/22).
Explazaganza, concert, 7:30 p.m., Fisher Plaza.
Australian Film Festival, 7:30 p.m., Schwab Aud.
David Copperfield.

Friday, June 22

Summer Sessions, 7-9 p.m., 112 Kern. *Do the Right
Thing*.
Australian Film Festival, 7:30 p.m., Schwab Aud.
Savoy.

Saturday, June 23

Shaver's Creek, Nature Guiding Workshop, 10
a.m.-4 p.m., Call 863-2000.

Sunday, June 24

Shaver's Creek, Meet A Reptile, (ages 6-10), 2-4
p.m., Call 863-2000.

Monday, June 25

School of Communications, Summer Sessions.
Foreign Journalists' symposium, Nittany Lion
Inn, Charles I. Bierbauer, CNN senior White
House correspondent, will moderate.

Tuesday, June 26

Summer Sessions, music at noon, Fisher Plaza;
billiard clinic, 6 p.m., HUB. CSA meeting, 7:15
p.m., 101 Kern. Explazaganza film, 9 p.m.,
Fisher Plaza.

Pennsylvania Centre Stage, 8 p.m., Pavilion
Theatre. *A Shogun Manda*, through June 30.

Wednesday, June 27

Summer Sessions, thesis workshop, 3:30 p.m.,
101 Kern. film, 9 p.m., HUB lawn.

Thursday, June 28

Continuing Education for Women, meeting, 10 a.m.-noon,
256 Hammond.



The HUB Craft Centre offers classes in pottery and other art forms for adults and children. Call 863-0611 for details.

Summer Sessions, music at noon, Fisher Plaza,
seminar, 3:30 p.m., Nittany Lion Inn. Fireside
Lounge. Stephen Schaeffer on "Molecular
Population Genetics of a Monomorphic Gene
in *Drosophila*: Inferring the Evolutionary
Process from DNA; billiard clinic, 6 p.m.,
HUB; Black Mohonon Observatory tour and
lawn star party, leave 8:30 p.m., HUB.
(raindate June 29); Explazaganza, concert, 7:30
p.m., Fisher Plaza.

Saturday, June 30

Pennsylvania Centre Stage, 2 p.m., Pavilion
Theatre. *A Shogun Manda*.
Summer Sessions, Music at Penn's Woods, 7:30
p.m., Schwab Aud.
Shaver's Creek, Summer Stargazing, 8-10 p.m.,
Call 863-2000.

Sunday, July 1

Summer Sessions, Penn's Woods chamber
concert, 3 p.m., Music Bldg., Recital Hall

International Events

Education Abroad Programs

The following programs for Spring 1991 are
available until Oct. 1: Athens, Exeter, Kiel,
Manchester (economics), Nice, Rome, San
German, Tel Aviv.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5-10
p.m.; Saturday and Sunday 5-10 p.m.; Morning
Edition, Monday-Friday 6-8 a.m.; Weekend
Edition, Saturday and Sunday, 11 a.m.-1 p.m.
"Odyssey Through Literature," 12:30 p.m.
Wednesdays, with S. Leonard Rubenstein.
"Perspectives," 6:30 p.m. Wednesdays.
"Creative License," 12:30 p.m. Thursdays, with
Asa Berlin and Pam Saulnier.

Conferences

Continuing Education

Keller Building

June 17-21, Mid-Atlantic Regional Embroiders'
Guild of America. Chuck Herd, coordinator.

June 17-22, Summer Seminar on Philately. Eric
Loop, coordinator.

June 17-23, Computer Elderhostel. J. Jerome
Zolten, assistant professor of speech
communications, chair. Barb Impellitteri,
coordinator.

June 17-30, Summer Space Academy. Sylvia
Stein, research associate of molecular and cell
biology, chair. Norm Lathbury, coordinator.

July 17-21, Graduate Minority Health
Careers Institute. Daniel Trevino, associate
professor, director of minority programs, chair.
Donna Ricketts, coordinator.

June 17-Aug. 4, Minority Research Apprentice
Program. Daniel Trevino, associate professor,
director of minority programs, chair. Donna
Ricketts, coordinator.

June 18-22, International Center for Diffraction
Data Clinic. Earle Ryba, associate professor of
metallurgy, chair. Norm Lathbury, coordinator.

June 19-21, State Farm Insurance. Jerri Milsom,
coordinator.

June 20-24, American Mathathay Association Piano
Festival. Carl Blake, assistant dean for
recruitment and retention, chair. Barb
Impellitteri, coordinator.

June 21-23, Penn State Golf Teaching and
Coaching Clinic. Bob Intieri, PGA master
professional, chair. Eric Loop, coordinator.

June 22-23, District 1149P SEIU. Richard Hindle,
associate professor of labor studies, chair. Eric
Loop, coordinator.

June 24-28, School Administrators Executive
Program. Robert Nicely, assistant dean of
continuing education and community
relations, College of Education and professor
of education, chair. Eric Loop, coordinator.

June 24-29, Communications Workers of
America, District 13. Gilbert Gall, assistant
professor of labor studies, chair. Chuck Herd,
coordinator.

June 24-29, International Center for Diffraction
Data Clinic. Earle Ryba, associate professor of
metallurgy, chair. Norm Lathbury, coordinator.

June 24-30, Computer Elderhostel II. J. Jerome
Zolten, assistant professor of speech
communications, chair. Barb Impellitteri,
coordinator.

June 24-30, High School Jazz Camp. Dan Yoder,
assistant professor of music, chair. Donna
Ricketts, coordinator.

June 24-July 21, Minority Health Careers

Institute. Daniel Trevino, associate professor,
director of minority programs, chair. Donna
Ricketts, coordinator.

June 25-26, Teachers' Legal Forum. Jack Williams,
assistant professor of administration of justice,
chair. Kathy Kanher, coordinator.

June 25-26, Managing the Precision Sales Force.
Shirley Hendrick, director of continuing
education, College of Business Administration
and assistant professor of business
administration, chair. Barb Impellitteri,
coordinator.

June 25-28, Sound and Recording Workshop.
Peter Kelter, coordinator of Fred Waring's
America in charge. Jack Sinclair, coordinator.

June 25-29, The Holocaust: Roots, Realities,
Reflections. Daniel Walden, professor of
American studies, English and comparative
literature, director for Norm Lathbury,
coordinator.

June 25-29, ENSO '89-B. Adventure Programming.
Theory and Practice. Bob Ricketts, instructor of
physical education, chair. Jerri Milsom,
coordinator.

June 25-29, NASA-Space Propulsion Systems
Symposium. C.L. Merkle, professor of
mechanical engineering, chair. Eric Loop,
coordinator.

June 27, Precision Selling. Shirley Hendrick,
director of continuing education, College of
Business Administration and assistant professor
of business administration, chair. Barb
Impellitteri, coordinator.

June 27-29, Staff Development in Pa. Schools.
Establishing the Network. Bernard Badali,
assistant professor of education, chair. Donna
Ricketts, coordinator.

June 28, Managing Multiple Priorities. A
Secretary in Charge. Anita Shumaker, assistant
professor of management development,
instructor, Donna Ricketts, coordinator.

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Last group of buildings joins in recycling

The entire University Park Campus is
recycling as the last group of buildings
came on-line June 11.

"The program has been very successful,
and we look for continued and increased
participation this summer and fall," said
Phil Melnick, manager of support
operations and special programs for the
Office of Physical Plant. "We appreciate
everyone's efforts and cooperation."

To date, we have recycled 226 tons of
paper and 28 tons of containers.

"While nearly everyone has participated,
there are still some problems with the

separations of waste," he noted. "Some
people forget that not all waste is
acceptable for recycling."

There are two separations: one for paper
and one for containers. Other material is
considered non-recyclable trash and should
be discarded as usual.

The last buildings to begin recycling
were Academic Activities; Academic
Projects; Ag Arena; Animal Behavior Lab;
Animal Disease Lab; Animal Maintenance
Center; Beaver Stadium Ticket Office;
Beecher-Dock House; Beef and Sheep
Administration; Benedict; Brumbaugh

Offices; Centralized Biological Lab;
Dairy; Dairy Administration; Dairy
Breeding; Forestry Resource Lab; Gardner
House; Greenburg Sports Complex; Gypsy
Moth Research; Headhouse 4/Farm 8; High
Pressure Gas Lab; Horse Barns/Farm 10;
Land and Water Resources; Livestock
Holding Facility; Materials Research Lab;
Meats Lab; Merkle; Pesticides Research Lab;
Plant Pathology Lab; Poultry Headquarters;
Research Units A, B and C; Salvage and
Surplus Warehouse; Special Services
University Park Airport buildings; Wiley
Lab; Waste Water Treatment Plant

Museum of Anthropology

Facility to be open Mondays-Thursdays during June and July

If you're curious about ancient cultures or intrigued by human fossil remains and Indian pottery, you might add a visit to the Museum of Anthropology to your summer list.

The Office of Summer Sessions has made it possible for the museum, located on the second floor of Carpenter Building at University Park, to be open Mondays through Thursdays from 11:30 a.m. to 4:30 p.m. in June and July. Special hours during the Central Pennsylvania Festival of the Arts will be Wednesday, July 11, from 1 to 5 p.m.; Thursday, July 12, through Saturday, July 14, from 10 a.m. to 5 p.m.; and Sunday, July 15, from noon to 5 p.m.

The Museum of Anthropology has a wide range of displays, depicting ancient life in Mesoamerica and North America. "We have several strong collections which we continue to build," James Hatch, associate professor of anthropology, said.

The museum's displays depict the three dimensions of anthropology - archaeology, cultural anthropology and physical anthropology, he says. "One of the primary purposes of the museum is to augment departmental courses," Dr. Hatch added.

Archaeological displays include artifacts from Mesoamerica and North America. The Mesoamerican artifacts date to the pre-Columbian era, and many items come from the Teotihuacan region where Penn State archaeologists have been involved in extensive digs for many years.

In addition to the displays of tools, pottery and figurines of gods, large wall murals help give visitors an idea of life in ancient Mesoamerica. New to Penn State's collection are three painted panels representing murals that were found in a Mayan Temple in Mexico. They depict a celebration related to a successful military operation between Mayan chieftains.

Another display focuses on bone chemistry studies of Maya skeletons from western Honduras conducted by University students. Archaeologists have theorized that Mayan cities declined in population because of poor nutrition and diseases affecting the residents.

Other exhibits focus on North American Indians in the United States, Canada and Alaska. There also are prehistoric Indian artifacts from Pennsylvania found during expeditions in Lehigh, Centre and Bedford counties, as well as in the Lake Raystown area.

A small portion of the museum's pottery collection is on display. Currently, the exhibit highlights pottery made by Pueblo Indians from Arizona and New Mexico. An exhibit case contains examples of Canadian Eskimo art carved from slate, better-known as soapstone.

The museum is open to individuals, families and groups. Dr. Hatch says guided group tours can be arranged by calling (814) 865-3853.



Diane Snyder, secretary, Department of Anthropology, examines a museum display.



American Southwest pottery



Early hominid skull

Photos by Greg Grieco

Faculty/Staff Alerts

Tuition reduction

This is to remind you that the 75% tuition reduction for graduate study for employees and spouses is taxable as ordinary income. Ordinary income is subject to withholding of all payroll related taxes. For the Summer Session, these taxes will be withheld from the July and August monthly payroll checks and from the three bi-weekly paychecks beginning July 27 and ending Aug. 24.

Courses for faculty and staff

The Human Resource Development Center has openings in the following courses. Call the Center at 865-3410 for registration

information.

The One Minute Manager Provides a practical guide to managing and developing people through goal setting, praising, redirecting, and reprimanding. Meets from 9 a.m. to 4 p.m. Monday, June 18. Cost: \$55.

Communicating an Eloquent Image. Public Speaking Skills for Women Effective speaking is essential for job success and satisfaction. Meets from 9 a.m. to 4 p.m. Wednesday, June 20. Cost: \$55.

Managing the Journey Program based upon Ken Blanchard's insightful video providing the framework for understanding

the complexities of change. Meets from 9 a.m. to 4 p.m. Monday, June 25. Cost: \$55.

Train the Trainer Designed to provide basic training skills to non-trainers, who as part of their jobs, train on an occasional basis. Meets from 8:30 to 11:45 a.m. Tuesday, June 26. Cost: \$35.

Dealing with "Problem" Employees Learn and practice skills that will help you work with "problem" employees. Meets from 9 a.m. to 4 p.m. Wednesday, June 27. Cost: \$55.

Sexual Harassment - Intent vs. Impact Learn to identify the differences between friendly behavior and subtle sexual

harassment in the workplace. Meets from 8:30 to 11:45 a.m. Thursday, June 28. Cost: none.

Macintosh Courses The courses on the use of the Macintosh will be held in the Findlay Lab on the dates noted. Cost: \$65 each. **Introduction to the Macintosh**, June 19 and 21 from 9 to 11:30 a.m.

Macintosh Graphics, June 25 from 9 a.m. to 3:30 p.m. **Introduction to Microsoft Word**, June 19 and 21 from 1 to 5:30 p.m. **Intermediate Microsoft Word**, June 22 from 9 a.m. to 3:30 p.m. and **Introduction to Microsoft Excel**, June 18 from 9 a.m. to 3:30 p.m.

Obituaries

Lee C. Eagleton, professor emeritus of chemical engineering, died May 15 at the age of 66.

He received B.S. and M.S. degrees, both in chemical engineering, from Massachusetts Institute of Technology and a doctorate in chemical engineering from Yale University.

Dr. Eagleton joined the University faculty Jan. 1, 1970, and retired Aug. 1, 1985. Previously, he had been a professor of chemical engineering at the University of Pennsylvania and a development engineer for Rohm & Haas Co. in Philadelphia.

He was a member and director of American Institute of Chemical Engineers. He was a member of American Society for Engineering Education, National Academy of Science and National Academy of Engineering.

Robert C. Eck, retired research associate at the Applied Research Laboratory, died May 28 at the age of 76.

He joined the ARL Oct. 9, 1950, and

retired July 1, 1973. During his association with the lab, he had eight patent disclosures and was awarded two patents. He also served as a consultant to HRB Singer, State College, and to Singer's central research laboratory in Denville, N.J.

He was licensed by the Commonwealth of Pennsylvania as a professional engineer in 1961. Early in World War II, he was employed by the intercontinental division of TWA as an apprentice mechanic. Later he was in TWA's research department serving as an instrument engineer.

He was a member of the Technical Writers Institute, the Pennsylvania Society of Professional Engineers, and the Institute of Electrical and Electronic Engineers, for which he was the editor for the Central Pennsylvania newsletter.

Louis A. Richardson, professor emeritus of architectural engineering, died June 1 at the age of 86.

Professor Richardson, who retired in 1969, was instrumental in the development and administration of the architectural engineering program at Penn State for 39 years.

Prior to his tenure at Penn State, he was an architectural engineer in offices in St. Louis, Mo., and Chicago, Ill.

While at Penn State, Professor Richardson was a member of the Graduate School faculty and the University Faculty Senate. Throughout his academic career, he contributed nationally to the promotion and advancement of engineering education.

As a licensed professional engineer, he assisted in the design of a number of Penn State buildings.

He was author of a number of articles for professional journals and was co-author of the book *Building and Using a House*, published by McGraw-Hill.

A fellow of the American Society of Civil Engineers and life member of the American Society of Engineering Education, Professor Richardson was a member of several other professional societies, including the American Concrete Institute and the American Association of University Professors.

He received a bachelor of science degree in architectural engineering from the University of Illinois in 1928. He earned a master's degree in architectural engineering from Penn State in 1934.

Philipp Mannino, retired assistant to the supervisor of Audio Visual Services, died June 3. He was 82.

He received his teachers' certificate from Elizabethtown College and in 1949 earned a bachelor of science degree from Penn State, where he also received his master's degree in 1951.

He joined the University staff Sept. 18, 1938, and retired Oct. 6, 1969.

During his career, he received several awards, including the Noteworthy Award from the National Education and National School Boards Associations. In 1961, he was nominated for a Pulitzer Prize in letters. He was included in "Who's Who in American Education."

Mr. Mannino was responsible for organizing Penn State's projectionist club and was founder and executive director of the School Projectionist Club of America.

Barbara S. Riden, residence hall worker Housing and Food Services, from Nov. 18, 1960, until her retirement June 30, 1982, died May 19 at the age of 71.

Ray B. Henry, cooler Maintenance and Utilities, from Oct. 1, 1953, until his retirement July 1, 1985, died May 22 at the age of 80.

News in Brief

Bookstore closes for inventory

The Penn State Bookstore will close for inventory at 1 p.m. Friday, June 29. The Trade Book and Art and Engineering departments also will be closed June 29.

University departments can make purchases from the Supply and Gift and Clothing departments until 1 p.m. The Bookstore will reopen from noon to 5 p.m. on Saturday, June 30. Contact Steve Cady at 863-3296 if you have questions.

Bookstore hours

The Penn State Bookstore's summer hours are: Saturday, June 30, noon to 5 p.m.; Sunday, July 1, noon to 4 p.m.; Monday and Tuesday, July 2 and 3, 8 a.m. to 8 p.m.; July 4, closed in observance of the Independence Day holiday.

The Bookstore will resume normal operating hours on Thursday, July 5. Hours are: Monday to Thursday, 8 a.m. to 8 p.m.; Friday, 8 a.m. to 5:30 p.m.; Saturday, 9 a.m. to 5 p.m.; Sunday, noon to 4 p.m.

Sidewalk sales will resume on July 9, from 9:30 a.m. to 4 p.m. weekdays.

Solid waste disposal symposium

The Penn State Hazleton Campus will host a symposium on issues related to solid waste disposal from 9 a.m. to 4:30 p.m. Saturday, June 16.

The symposium, organized and conducted by the Science and Technology Consortium of Northeast Pennsylvania, will feature experts in the field of solid waste management and

disposal and other environmental authorities.

The University's Worthington Scranton, Wilkes-Barre, Hazleton, Schuylkill, Berks and Allentown campuses are members of the consortium.

Space academy

Twenty-one academically talented high school juniors and seniors from Pennsylvania and one from Maryland will be the first participants in Penn State's Summer Space Academy, a free, two-week residential program designed to give young people a broad vision of the science and engineering career opportunities in space programs and research.

It will be held June 17-29 at University Park, where each of the students will complete a 10-day research internship on a NASA project in the colleges of Science, Engineering or Earth and Mineral Sciences.

Support for the Space Academy is provided through the National Space Grant College and Fellowship program and the University. Penn State was one of only three universities NASA individually designated a national space grant college.

Meat Lab

The Penn State Meat Lab will have its first meat sale of the 1990 season on Friday, June 22, from 1:30 to 4 p.m. We will have a limited variety of items, but should still have a nice selection for your summer cookout needs.

New catalog

The seventh edition of the catalog, titled *Idas and Vales for Health and Safety*, is now available from Audio-Visual Services. More than 1,000 programs are listed in this reference source and each title is available for classroom use at no charge to University faculty members.

Copies of the catalog are housed in 26 Wildard Building and at Special Services Building off Fox Hill Road. To receive a catalog through campus mail, call 863-3103. At a communitywide campus, contact the campus instructional services specialist for more information.

Daycare facilities listing

The summer 1990 edition of the State College Area Daycare Facilities listing is now available. Updated each semester, this publication includes information on 30 different facilities, which provide childcare in the immediate vicinity of the University Park Campus. Information includes hours of service, ages served, cost, enrollment size, and services provided.

The pamphlet, produced by the Graduate Student Association, is available free of charge from the GSA office in 111B Kern Building.

New CA storage facility

A Controlled Atmosphere (CA) Storage Research Facility, with 62 separate environments for extended storage of fruits, vegetables and mushrooms, has been constructed at the Fruit Research Laboratory in Biglerville.

With it, researchers now will be able to study how preharvest condition

influences fruit quality after storage, to refine optimum CA requirements and to develop storage life prediction databases for a variety of horticultural crops.

The new \$230,000 facility, conceived and designed by **George M. Green**, associate professor of pomology and **Alvan Gaus**, project assistant, was constructed as part of a \$1.1 million, five-year grant awarded to the Department of Horticulture by the Pennsylvania Department of Agriculture. Other horticulturists on the project include **S.J. Walner, R.M. Crasswell, K.B. Evensen and R.N. Arata**.

Marital enrichment seminar

A marital enrichment weekend seminar is planned for June 23 and 24 at University Park. Offered by the Individual and Family Consultation Center of the College of Health and Human Development, the program will be presented from 9 a.m. to 5 p.m. in Henderson East Room 101.

Among the topics to be taught are: Concepts and skills designed to further enhance relationships and strategies and skills for preventing and resolving conflicts such as those related to everyday roles and responsibilities, and those stemming from different backgrounds, values, attitudes or the pursuit of dual careers.

Couples and single persons of all ages are welcome. The fee is \$75 for an individual and \$100 for a couple. Enrollment is limited and reservations may be made by calling Joanne Kemper at 865-1751 as soon as possible.

Endowment funds undergraduate instruction projects

Eight faculty and staff members have received funding for projects through the United Federal Savings Bank Endowment for the Enhancement of Undergraduate Instruction.

The purpose of the fund is to enrich undergraduate instruction by encouraging the development of innovative instructional methods and the creation of computer or audiovisual coursework for new or evolving courses. **Jerry B. Covert**, associate dean for undergraduate education said:

The priorities for 1990 proposals are in the areas of general education integration

of cultural diversity into the undergraduate curriculum and writing across the curriculum. Dr. Covert said:

The following individuals received funding for their proposals:

William Crocken, director, general education in the arts for "Enhancement of Arts 001" to purchase videotapes, compact disk recordings, slides, photographs and reproductions.

Patricia Dunkel, associate professor and **Deborah Rekart** and **Karen Johnson**, assistant professors, all in speech communication for "Intensive Computer-

Based Course in English Pronunciation Training for the International Teaching Assistants of Penn State Undergraduates" to purchase speech computer software and audiotape instructional programs and to fund two graduate students.

Lynn S. Liben, professor and head Department of Psychology, for "Integration of Cultural Diversity into the Undergraduate Curriculum," to fund resource personnel.

Kyle L. Peck, assistant professor of education, instructional systems for "Enhancing Undergraduate Education

through Adaptive, Student-Centered, Computer-Based Practice" to fund graduate students and upgrade computer equipment.

Robert Ricketts and **Patricia McGuigan-Kenny**, instructors of exercise and sport science, for "Cultural Diversity: Facts and Fallacies in Exercise and Sport," to purchase film, computer-generated slides of tables and graphs and title slides and to fund faculty research time.

Next year, funds will be provided solely for projects designed to integrate cultural diversity into the undergraduate curriculum, Dr. Covert said.

Staff Vacancies

The following vacancies for positions classified as staff (except as noted) have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304). Applications for these staff vacancies will be accepted until June 21. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment Practices (FES) and in compliance with the University's Alternative Action Compliance Program without regard to race, color, religion, national origin, handicap or age as provided by law, sex, or status as a disabled or Vietnam era veteran.

•Supervisor, Housing and Food Services, Housing and Food Services, Mount Alto Campus—Responsible to the manager, Housing and Food Services, for administering and coordinating housekeeping operational functions in assigned residence hall. Requires high school graduate or equivalent plus one to two years of effective experience. General knowledge of building maintenance and housekeeping functions desirable. STAFF GRADE 4.

•Senior Mechanical Engineer, Office of Physical Plant, Facilities Planning and Design, University Park Campus—Responsible to the manager, Design Services, for the design of heating, ventilating, air conditioning, plumbing systems and preparation of drawings, estimates and specifications for new and existing facilities. Requires bachelor's degree or equivalent in mechanical engineering plus five to seven years of effective experience to include responsibility for supervision of a professional staff in the development of complicated mechanical designs for building trades and outside contractors. Must be a registered professional engineer. STAFF GRADE 8.

•Student Insurance Assistant, Student Services, University Health Services, University Park Campus—Responsible for coordinating the activities of the Student Insurance Program, including direct contact with students, parents, insurance carriers, health care providers and University staff. Develop, manage and monitor the Student Insurance Waiver System. Requires bachelor's degree or equivalent in business administration or related field plus one to two years of effective experience in health or accident insurance. STAFF GRADE 5.

•Assistant Director of Student Organizations and Programs, Division of Student Programs, Student Services, University Park Campus—Responsible for the coordination, implementation and execution

of various programs intended to support students and their organizations. Requires master's degree or equivalent in college student personnel, counselor education, higher education or other appropriate areas plus two to four years of effective experience in events planning and implementation. Experience in student organization programming and leadership development is desired. THIS IS A FIXED-TERM POSITION FUNDED FOR ONE YEAR FROM DATE OF APPOINTMENT. STAFF GRADE 7.

•Programmer/Analyst, Computer and Information Systems, Center for Academic Computing, University Park Campus—Responsible to the assistant director of CACEL to provide programming and analysis support in the design and development of instructional software. Requires bachelor's degree or equivalent in computer science or a related field plus one to two years of effective experience in computer-based applications for instructional purposes, specifically Unix and HyperCard programming skills, and effective communication and presentation skills. Familiarity with micro to mainframe computer productivity tools desired as well as a strong background in math and science. STAFF GRADE 6.

•Clinical Nurse Specialist, College of Medicine, Department of Surgery, The Milton S. Hensley Medical Center—Responsible to the surgery chief of a defined section and an assistant director of nursing for providing nursing expertise within higher clinical specialty and for managing and providing care for the surgical patient following utilizing collaborative consultation with team members and written protocols. Requires master's degree in nursing plus one to two years of effective clinical experience in area of expertise and current licensure by Pennsylvania State Board of Nursing as a nurse practitioner. Certification in specialty area is desirable. STAFF GRADE 7.

•Quality Assurance Analyst, College of Medicine, Department of Quality Assurance, The Milton S. Hensley Medical Center—Responsible to the manager, Quality Assurance/Risk Management, for providing guidance, direction and support in setting up quality assurance activities for assigned areas as well as the analysis of obtained data. Requires bachelor's degree, or equivalent, in an allied health area such as medical technology, pharmacy, respiratory therapy or nursing plus at least two years of effective experience. STAFF GRADE 6.

•Health-Science Writer, College of Medicine, Department of Public Relations, The Milton S. Hensley Medical Center—Responsible to the director of public relations for writing articles and informational material for the Public Relations Department with emphasis on in-depth science and health care topics. Requires bachelor's degree, or equivalent, in journalism or related field plus one to two years effective experience as a working

journalist or public relations practitioner in the areas of science, medicine and health care. Experience with computer and word processing equipment desirable. STAFF GRADE 6.

•Supervisor, Administrative Support Services, Office of Business Services, University Park Campus—Responsible to the assistant manager, Administrative Support Services, for supervising the Centralized Copy Center Department and for providing all coding, programming, testing, and other necessary computer support for the Office of Business Services. Requires associate degree, or equivalent, in business administration, computer science, or related field, plus one to two years of effective experience programming and in a computerized high speed aerographic setting. Supervision of a production environment and working knowledge in a computer setting as it relates to a business environment is required. STAFF GRADE 5.

•Procedures Specialist, Corporate Controller, University Park Campus—Responsible to the manager of systems and procedures for the reviewing, investigating, analyzing and developing of new and improved financial control and management procedures for all departments of the University. Requires bachelor's degree in business administration plus three to four years of effective experience in internal financial controls, procedures, forms control and similar administrative management work. Computer experience is highly desirable. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991. STAFF GRADE 7.

•Area Representative, CES, Continuing Education, Allentown Campus—Responsible for the functions of development, organization, operation, and administration of Continuing Education programs and services within an assigned geographic district. Must have extensive administrative responsibility for planning, scheduling, and staffing of health care certificate and diploma school programs with local hospitals. Requires bachelor's degree or equivalent plus two to three years of effective experience in business, industry or education. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991. STAFF GRADE 7.

•News Editor, Agriculture, Ag Information Services, University Park Campus—Provide effective news support for College of Agriculture programs. Identify and review informational sources and develop news releases and features for distribution to appropriate media outlets. Develop and edit copy for College newsletter. Requires bachelor's degree, or equivalent, in journalism, English, mass communications, or related field, plus one to two years of effective experience. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991. WITH EXCELLENT POSSIBILITY

OF RE-FUNDING, STAFF GRADE 6.

•Applications Programmer Analyst, Undergraduate Education, Academic Support Center for Student-Athletes, University Park Campus—Responsible for conducting analysis, program design, coding, testing, and other related tasks. Work with users to identify application problems; prepare logical problem statements and formulate program solutions; conducting necessary user training. Requires bachelor's degree or equivalent in computer science or a related field plus one to two years of effective experience with PC and mainframe databases and statistical systems. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991. WITH GOOD POSSIBILITY OF RE-FUNDING, STAFF GRADE 6.

•Research Aide, Agriculture, Dairy and Animal Science, University Park Campus—Conduct in vitro normal fertilization; prepare microscopic slides of biological materials; identify and count types of microorganisms. Prepare radioactive tissues and other samples for analysis; perform chemical analysis and counting of radioactivity; using sophisticated laboratory equipment. Requires college level courses in analytical, organic, and inorganic chemistry, and biological sciences and mathematics. One to two years of effective laboratory experience with demonstrated ability to conduct independent research, required. STAFF GRADE 4.

•Video Editor, Agriculture, Ag Information Services, University Park Campus—Provide video production and editing services for field and studio productions. Plan and provide video programs or segments. Serve as information source to clients, i.e., on the use and purchase of video production or playback equipment, or camcorder production and editing techniques and use of editing system. Requires bachelor's degree or equivalent in communications, broadcasting, film studies or related field plus one to two years of effective experience in video communications and videography. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991. WITH EXCELLENT POSSIBILITY OF RE-FUNDING, STAFF GRADE 5.

•Graphics Programmer, Computer and Information Systems, Center for Academic Computing, University Park Campus—Responsible to the manager of visualization and workstations for the support and development of the Center for Academic Computing's high-performance graphics services. Duties include program development and documentation; consultation with research community and assistance in the development of graphic capabilities for specific applications; development and presentation of training and testing procedures. Requires bachelor's degree, or equivalent, in computer science plus one to three years of effective experience in interactive graphics. STAFF GRADE 7.

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7517.

William E. Campbell Jr., Editor
Deborah A. Benedetti,
Assistant Editor
Kathy Garman, Calendar

June 14, 1990
Vol. 19, No. 35

MUSEUM OF ANTHROPOLOGY

The Museum of Anthropology has special summer hours. See the story on page 6.

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INTERCOM

June 28, 1990

Volume 19, Number 36

Information submitted for publication in *Intercom* is due by noon on the Thursday before publication.

Dr. Stewart appointed to new vice provost position

James B. Stewart, associate professor of labor and industrial relations and director of the Black Studies Program, has been appointed vice provost responsible for underrepresented groups at the University, effective July 1.

The appointment concludes one year of planning and development for the newly created position and a one-year nationwide search. The position is one of a few of its kind in the nation.

"Dr. Stewart's exceptional relationship with students; his broad understanding of the University system and his respect for fellow faculty make him particularly qualified for this unique position," President Jordan said.

"During the times of demonstrations by African-American/Black-American students, Jim played a pivotal role in fostering increased understanding between students and the University. The creation of this position grew from that as we all saw the need to develop a more positive environment for people of different racial and ethnic backgrounds."

Dr. Stewart, who had been granted a sabbatical leave from September to December before being tapped for the vice

provost position, will continue with the leave as planned. During his leave, Robert E. Dunham, vice president and vice provost, will continue to represent the Office of the President on matters dealing with diversity.

Dr. Dunham has held these administrative duties for the past 18 months, during which time he has worked directly with students, faculty and staff in a variety of diversity leadership roles across the University's 22 campuses.

Terrell Jones also will continue in his role as special assistant to the provost during the Fall Semester.

"We are fortunate to have this kind of talent at Penn State," Charles L. Hosler, acting executive vice president and provost, said. "We are encouraged that a national search has led to this appointment of Dr. Stewart and pleased to know that the leadership here is settled for the long-term. All of us will be supporting his important work for the University."

Dr. Stewart joined the University faculty in 1980 as assistant professor of economics and director of the University's Black Studies Program. He has received national recognition for his research in the area of

Black Studies, including the illustrious Presidential Award by the National Council for Black Studies. He also is editor of the professional economics journal *The Review of the Black Political Economy*.

He has served as chair of the University's Equal Opportunity Planning Committee and is active on a host of search committees, University-wide governance bodies, committees and numerous campus organizations. He also is a member of the University's Campus Environment Team.

Dr. Stewart earned a B.S. in mathematics at the Rose Hulman Institute of Technology, an M.A. in economics at Cleveland State University and a Ph.D. in economics at Notre Dame, where he held both a Notre Dame Afro-American Fellowship and a Ford Foundation National Fellowship.

His research during the past few years has included multicultural education, the philosophy of Black Studies, African-American economic development, African-American music, African economic development, the impacts of science and technology on Black-Americans and factors affecting student retention.

He is co-editor of a new book titled *Black*



James B. Stewart

Families: Interdisciplinary Perspectives, with Harold Cheatham, associate professor of educational psychology. He has published numerous articles, review essays and book reviews in economic and Black Studies scholarly journals.

New educational center to be established in England

British corporate managers will soon have an international advantage with an innovative Penn State partnership program.

President Jordan has signed a memorandum of understanding with the University of Kent at Canterbury, Thames Polytechnic and the Kent County Council to establish an educational center at the Council's Kings Hill Business Park near Maidstone.

"We are delighted to extend our continuing education programs to British corporations in Kent and look forward to working with these institutions," Richard E. Grubb, senior vice president and dean of the Commonwealth Educational System, said.

W. LaMarr Kopp, deputy vice president for international programs, John Leathers, director of continuing education, and Dr. Grubb joined Dr. Jordan at the signing ceremonies in England.

Geared to the higher education needs of companies at the business park, the program will first involve the colleges of Business Administration and Engineering. It will be similar to the Executive Management Program at University Park and the Great Valley Center in Malvern that offer graduate-level courses to corporate executives and managers.

"We have been discussing the partnership for about two years and will begin with non-degree, non-credit programs

in business," Dr. Kopp said. "Initially, the University will act as a consultant, although some of our faculty may teach as well. We will begin small and expand our participation in the partnership over the next few years."

British educational planners will meet at Penn State this summer to consult with faculty and staff on program needs.

"International education is a priority for Penn State, and this program has the potential for a good many faculty and administrative exchanges," Dr. Kopp said.

The Kent County Council first learned about Penn State's programs through its developer, Rouse and Associates of Philadelphia, who also developed the Great

Valley park. They plan to begin construction of the campus-like business park in the fall and hope to attract technology corporations.

With a population of 1,320,400, Kent is the third largest non-metropolitan county in England and is strategically located between London and the English Channel Tunnel. With the advent of a single European market in 1992 and the completion of the tunnel not long after, Kent County Council expects the business park to do well.

The University of Kent and Thames Polytechnic Institute will work with the developers on classrooms and other facilities, while Penn State will concentrate

(Continued on page 3)

Statements on the presidential search

Following are statements from J. Lloyd Huck, president of the Board of Trustees, and President Jordan regarding the presidential search.

Trustees President Huck

The Trustee Presidential Selection Committee is continuing to interview candidates for the position of president at Penn State. This will include candidates in the original list as well as additional ones forwarded by the Presidential Search and Screen Committee. The Presidential Search and Screen Committee has at its disposal a large list of highly qualified individuals. Its chairperson, Thomas Merritt, has advised me that his committee could easily have recommended a larger number of such candidates had it not wished to present to us a list that was manageable. The selection of a president of a university of the stature of Penn State is the most critical and

important responsibility of a Board. We want to ensure the Board's responsibility to appoint the most highly qualified individual as president of Penn State.

We will make every effort to have new leadership in place by Aug. 31, when Dr. Jordan is retiring from his responsibilities as president. In the event that this does not happen, Dr. Jordan has agreed to continue his responsibilities as president for an unspecified period of time.

We are grateful to the members of the Presidential Search and Screen Committee for their help in forwarding strong candidates to us. We will continue to work with that group in finding the best leadership available for the University.

President Jordan

Mr. Huck has asked if I would be willing to continue with my responsibilities as president of the University in the event that the Board does not name my successor by Aug. 31, my planned retirement date. I have assured him that I am willing to serve the Board and the University in that way. It is, of course, quite possible that, the new president could be named by Aug. 31.

Although Jonelle and I are anxious now to move on to the next phase of our life, our ties to Penn State are too great for us to leave the University if there is a need for us to stay a while longer.

Task force charged with assessment of undergrad education

A Task Force on Undergraduate Education has been formed by the University Faculty Senate and the Office of the President to provide leadership in determining the expectations for quality in undergraduate education for the decade of the '90s and beyond. The specific charge to the Task Force is:

- Assess the strengths and weaknesses of undergraduate education at Penn State within the context of national trends and current thought regarding undergraduate education in large public research universities. Identify the causes of Penn State's strengths and weaknesses.
- Determine the critical needs for Penn State undergraduate education.
- Specify potential initiatives for the improvement of undergraduate programs and instruction.
- Establish goals and priorities for undergraduate education and recommendations for achieving these goals.

(Continued on page 3)

Focus on Diversity

University receives William Penn Foundation grant

Penn State has received a \$300,000 grant to increase the retention and graduation rates of African-American/Black-American and Hispanic students who are majoring in math, science, agriculture and engineering.

The three-year William Penn Foundation grant will be combined with matching University funds to expand programs in the colleges of Science, Engineering, Agriculture, and Earth and Mineral Sciences. The grant also will help finance smaller and more individualized undergraduate classes, student summer research programs with faculty and pre-freshman engineering and science summer programs.

The Penn State grant was the maximum amount awarded by the William Penn Foundation to a single institution this year.

University officials said.

"Nationwide, African-American/Black-American and Hispanic graduation rates of students in math, agriculture, science and engineering majors are declining at an alarming pace," Howard E. Wray III, assistant dean for undergraduate education/academic assistance programs, said.

"But with funds from the William Penn Foundation, we will work to provide more instructional support and an enriched environment that will make a significant difference at Penn State."

Across the nation, African-Americans account for only 2 percent of all employed scientists and engineers, despite making up 12 percent of the U.S. population. Hispanics, the fastest growing racial minority group with 9 percent of the U.S.

population, also account only for 2 percent of all employed scientists and engineers.

"A grant such as this can be a great recruiting tool for minority students in these majors because they can be assured of a comfortable environment where they will receive special attention, should they need it," Daniel Davis, director of minority engineering programs and associate professor of engineering, science and mechanics, said.

The William Penn Foundation, based in Philadelphia, has supported math and science educational programs in the Philadelphia area since 1945. This year, for the first time, the foundation awarded grants to institutions outside of its base area, because of the alarming decline of minorities in the science, agricultural and

engineering fields, Richard Cox, senior program officer, said.

"Normally the foundation is focused on supporting institutions in southeast Pennsylvania. But this year we looked at other institutions that have a significant number of people in these fields, including Penn State," he said.

Penn State has had numerous recruitment and retention programs for minorities majoring in science, agriculture, engineering and math. Some include special orientation programs, free tutorial services, visits by minority professionals, academic monitoring and advising, scholarships and financial support, several summer high school student visits and summer research programs pairing undergraduates with faculty.

Downtown Center to offer lectures on diverse cultures

A series of lectures on multicultural perspectives designed to inform and enlighten participants about diverse cultures and contemporary social issues will be held throughout the summer at the Penn State Downtown Center.

The lectures, which will be held from noon to 1 p.m. at the Downtown Center, 234 N. Third St., Harrisburg, are free to the public. They will be presented by visiting professors at Penn State Harrisburg.

Registration is required to ensure adequate seating. Call (717) 783-0433 to

register for the lectures, which are co-sponsored by the Division of Humanities, Penn State Harrisburg and the Downtown Center.

The schedule is:

July 5 - Maryam Ahmadi on "Iran, Past and Present," introducing Iran's culture in ancient times, including the invasions through the last revolution.

July 12 - Phyllis Boones on "Recent Events in South Africa: Implications for U.S. Policy," analysis of developments in South Africa and U.S. policy.

July 19 - Professor Clark-Lewis on "Pennsylvania Bound," view of Afro-American migration to Central Pennsylvania from 1900 to the present.

Aug. 2 - Kathryn Patterson on "The Limits of White Liberalism: Reflections on 20th Century Anglo-Indian Relations, examination of ways in which racism and belief in cultural supremacy distorted Britain's political response to Indian nationalism."

The Campaign for Penn State

Hintz gift puts Berks Campus campaign over its goal

What started out as a gesture of remembrance by a New York investment manager to his parents and his Reading roots has become the gift that pushed the Penn State Berks Campus capital campaign over its \$2 million goal two months ahead of schedule.

Edward R. Hintz Jr., a 1959 Penn State graduate and president of the New York City investment management firm of Hintz, Holman, and Hecksher Inc., pledged \$100,000 in memory of Edward Richard Hintz Sr. and Beulah Knabb Hintz.

Thomas A. Beaver, chair of the Berks Campus Capital Campaign Committee, expressed his delight at achieving the goal. "All of our volunteers made an outstanding effort in working toward our goal," he said.

"It seems fitting that Ed Hintz, a Penn State alumnus and Berks area native, would bring the campaign full circle by contributing this special gift and putting us over the top."

Mr. Hintz said that his parents were active for many years in Penn State affairs in Berks County and guided him to attend the University. His father graduated from Penn State in 1915 with an associate degree in agriculture and was a life member of the Penn State Alumni Association.

The gift will contribute toward the construction of three new athletic fields on the Berks Campus.

"This is an unusual opportunity to honor my beloved parents," Mr. Hintz said. "My father was an avid follower of Penn State sports. I hope these fields will be used by

students and guests for the worthwhile experiences that can be accomplished through sports: exercise, skill development, teamwork, discipline, enthusiasm and, most importantly, fun."

Born in Reading, he attended the 5th and Spring Elementary School and Northwest Junior High School. He graduated from Wyomissing High School in 1955.

Mr. Hintz earned a master's degree in business administration in 1963 from Harvard Business School. He worked with firms in Indiana and New York City in portfolio management until 1974, when he founded Hintz, Holman, and Hecksher Inc., a private money-management firm specializing in investment management for individuals.

He fills a dual role as a vice chairman and as national head of regional major giving for The Campaign for Penn State. The University's six-year effort to raise \$300 million in private support. The Berks Campus fund drive is a part of the University-wide campaign, which has raised more than \$343 million. He also sits on the board of visitors of the University's College of Business Administration and is a past president of the Penn State Development Council.

His wife, Helen Skade Hintz, graduated from Penn State in 1960 and holds a master's degree in nutrition from New York University.

Scholarship established in Engineering

Russell and Eleanor B. Horn of York have given \$27,000 to endow a scholarship in the College of Engineering.

Mr. Horn, who graduated from the University in 1933 with a bachelor's degree in civil engineering, is the chairman of the board of PACE Resources Inc., an architectural engineering firm.

Penn State gave me the opportunity to earn a good living, and now we want to give something back," he said. "PACE hires a lot of Penn State graduates because of the

quality of their preparation. We want to help maintain that level of excellence."

The Russell E. and Eleanor B. Horn Endowed Scholarship in Engineering will support outstanding students, with preference given to civil engineering majors.

A long-time supporter of Penn State, Mr. Horn is a 1990 Penn State Alumni Fellow, one of the highest alumni honors awarded by the University. He also was a 1987 Outstanding Engineering Alumnus.

resources.

Du Pont designated grants totaling \$86,000 for the College of Earth and Mineral Sciences, \$65,000 for the College of Engineering, \$43,000 for the Eberly College of Science, \$51,000 for the College of Business Administration and \$6,000 for the College of Agriculture. The Particle Science Center will receive \$50,000, the Environmental Resources Research Institute \$16,000 and the Materials Research Laboratory \$10,000.

In Eberly College of Science

Gift endows new lecture series

Steroid pioneer Russell E. Marker, professor of organic chemistry, has given \$50,000 to endow a lecture series in evolutionary biology in the Eberly College of Science.

The series, which will sponsor visits to the campus by internationally recognized researchers and scholars, is the sixth in the college to be endowed by Professor Marker. Three years ago, he gave \$250,000 to establish lectures in astronomy, chemical sciences, genetic engineering, mathematics

and physics.

After joining the Chemistry Department in 1935, Professor Marker soon began research that eventually led to the first practical synthesis of the steroid hormone progesterone. Later inexpensive production of this hormone made possible the birth control pill and hormone therapy.

The dean of the Eberly College in consultation with special faculty committees in each discipline selects the speakers for each series.

Du Pont supports variety of programs

E.I. Du Pont de Nemours & Co. of Wilmington, Del., has allocated \$307,000 to support a variety of engineering, scientific and business programs at Penn State for the 1990-91 academic year.

The funds represent the second-year installment of a five-year, \$1.375 million commitment Du Pont made to Penn State.

With a few exceptions, academic units receiving these funds may apply them to any educational need that is not met with the University's ordinary financial

Procter & Gamble awards series of grants

The Procter & Gamble Co. has awarded Penn State a series of grants totaling \$45,000 for engineering and business research.

The Cincinnati-based manufacturer of consumer products designated \$15,000 for the Department of Chemical Engineering, \$12,500 for the Department of Marketing, \$7,500 for the Department of Mechanical

Engineering, and \$5,000 for the Department of Chemical Engineering.

Procter & Gamble designated the remaining \$5,000 to be used wherever the need is greatest, as determined by the president of the University.

The departments may use the awards to support research projects whose needs are not met by ordinary University funds.

State provides funding for Beaver Campus center

At a special outdoor ceremony on June 14, Gov. Robert P. Casey presented a check for \$2.85 million to aid in the financing of a new Study Learning Center at the Penn State Beaver Campus.

The Study Learning Center will accommodate academic support services, learning support services for traditional and adult students, offices for student organizations, study areas, an auditorium, and seminar and conference rooms for use by businesses and community groups with an economic development thrust. The auditorium will expand cultural programming currently offered through the Brodhead Cultural Center and the Office of Student Programs and Services.

The Study Learning Center will be approximately 24,000 square feet and will consist of two levels. University officials expect the building to be completed in two years.

"This outstanding show of support from Gov. Casey and the Commonwealth of Pennsylvania comes at a crucial time in the growth of Beaver Campus," David B. Otto, Beaver Campus executive officer, said.

"This year we are celebrating the 25th anniversary of our campus, preparing to embark on several new academic programs, and looking forward to a continued increase in enrollment of both traditional and adult students. The Study Learning Center will enable us to better serve the needs of our diverse campus population and the surrounding communities."

More than 100 campus students, faculty and staff members, and friends attended the ceremony. Among the guests were recently retired State Sen. James E. Ross; State Rep. Nick Colafella, and newly elected Beaver Campus Advisory Board president Thomas P. Woolaway, vice chairman and chief operating officer of Tuscarora Plastics Inc.

Noting Sen. Ross's ongoing support of the project, Mr. Otto said, "Jim Ross has always been helpful to and supportive of Beaver Campus. Our campus and community are grateful to have benefitted from the leadership of such a dedicated public servant." He also pointed out that Rep. Colafella, a Campus Advisory Board member, has worked closely on the building project with Sen. Ross and has been instrumental in gathering support for the Study Learning Center.

In thanking the governor, Mr. Woolaway noted that the Study Learning Center will assist in supporting and sustaining the continued growth and presence of Penn State in Beaver County and throughout the Beaver Campus service area, which includes Beaver County and parts of Lawrence, Butler, Allegheny and Washington counties.



Discussing plans for a new Study Learning Center at the Penn State Beaver Campus are, from left, David B. Otto, campus executive officer; Gov. Robert P. Casey, and Thomas P. Woolaway, president, Beaver Campus Advisory Board. (Photo: Kevin R. Cooke)

Task Force

(Continued from page 1)

The chair of the Task Force is **R. Scott Kretschmar**, professor of exercise and sport science. Members are: **R. Thomas Berner**, professor of journalism and American studies; **John D. Burke**, associate dean and associate provost, Penn State Erie, The Behrend College; **James Eisenstein**, professor of political science; **E. Emory Ensore Jr.**, professor of engineering; **Scott Golla**, president, Academic Assembly; **Madlyn Hanes**, director of academic affairs, Penn State Delaware County Campus; **Richard H. Herman**, professor and head of the Department of Mathematics; **Peter C. Jurs**, professor of chemistry; **Jerry W. Martz**, vice-coordinator, Council of Commonwealth Student

Governments; **Moylan C. Mills**, director of academic affairs, Penn State Oquont Campus; **James H. Mortensen**, associate dean of resident education, College of Agriculture; **Anne C. Petersen**, dean, College of Health and Human Development; **Joseph Prewitt-Diaz**, associate professor of education; **James L. Ratcliffe**, director, Center for the Study of Higher Education; **Marie J. Secor**, associate professor of English; **Richard M. Smith**, assistant professor of business administration, Penn State DuBois Campus; **M. Lee Uppcraft**, assistant vice president for counseling and program assessment; and **Lawrence W. Young Jr.**, director of the Paul Robeson Cultural Center.

Staff support will be provided by **Brian C. Clark**, special assistant to the vice provost and dean for undergraduate education, and **Michael J. Doors**, senior planning analyst.

The Task Force has been asked to provide a progress report to the University Faculty Senate during Fall Semester 1990 with a final report to be submitted to the vice provost and dean for undergraduate education and to the Senate in Spring Semester 1991.

England

(Continued from page 1)

on educational program development.

The four partners will begin joint programs to begin in 1991 that will broaden the scope of higher education in Kent as a whole, particularly through continuing professional education in business, business engineering and management. In addition to the new

program of graduate and non-degree continuing education, the University has study abroad programs for undergraduate students at the University of Manchester and the University of Leeds.

The University of Kent at Canterbury has an international reputation with joint research and study programs with many European and American Universities and recently has established the Canterbury Business School. Thames Polytechnic in South East London has more than 20,000 students and is known for cooperative educational programs with industry.

This partnership is a first of its kind in corporate education and promises to lead to other Penn State professional and continuing educational partnerships in England and on the Continent, Dr. Grubb said.

Stanford professor to keynote Summer Sessions

Arthur B.C. Walker Jr., professor of applied physics at Stanford University, will be the keynote speaker for the Summer Sessions.

He will present an open lecture at 8 p.m. Wednesday, July 18, in the Hetzel Union Building Assembly Room at University Park. A reception will follow in the HUB Fishbowl.

Dr. Walker's research concentrates on the

study of high temperature, low density astrophysical plasmas with space-borne instrumentation. At Stanford, he led the group that obtained the first high resolution normal incidence X-ray image of the sun. He also has studied the abundance structure of the Interstellar Medium.

He has served on or chaired a number of NASA, National Science Foundation and National Academy of Science committees which prepare recommendations on the future course of astronomy, including the 1980s Decade Astronomy Survey Committee.

Dr. Walker currently chairs the Advanced Solar Observatory Science Working Group for NASA and the Astronomy Advisory Committee of the National Science Foundation and is a member of the AURA Board.

In 1986, President Ronald Reagan appointed Dr. Walker to the Presidential Commission on the "Space Shuttle Challenger Accident." He has presented testimony to congressional committees on national scientific funding priorities on several occasions.

He earned his bachelor of science degree in physics with honors from Case Institute of Technology in 1957 and his doctorate in

physics from the University of Illinois in 1962.

The scientist is a member of the American Physical Society, the American Astronomical Society, the American Geophysical Union, the International Union of Pure and Applied Physics, the National Society of Black Physicists and the Society of Photo Optical Instrumentation Engineers.

Obituaries

Erma V. Hackett, counterwoman, Housing and Food Services, from Sept. 10, 1950, until her retirement Aug. 18, 1964, died June 2. She was 87.

Robert V. Hagerty, janitorial worker at the Altoona Campus, from Sept. 5, 1978, until his retirement, Feb. 1, 1990, died May 23 at the age of 72.

Joseph G. Wardell, custodian, Penn State Erie, The Behrend College, from Sept. 1, 1951, until his retirement July 1, 1958, died May 23. He was 97.

Dr. Seda selected as Spencer Fellow

Ileana Seda, assistant professor of education, has been selected to be a 1990-91 National Academy of Education Spencer Fellow.

The Fellowship was created by the Academy to encourage outstanding researchers at the post-doctoral level to pursue work on topics related to education.

Dr. Seda, one of only 25 awardees nationwide, will take a one-year, paid leave to conduct her research, which will involve assessment procedures in the language arts according to Pennsylvania's language arts framework.

Additionally, Dr. Seda will be invited to attend Academy meetings for two years, and she will participate in a Spencer Fellow Forum, where her research will be highlighted.

Dr. Seda joined the College of Education in 1988, where she has served as an assistant professor emphasizing reading, communication, and language education. She holds a B.A. in psychology from the University of Puerto Rico, an M.A. in special education and learning disabilities from the College of Saint Rose, Albany, N.Y., and a Ph.D. in education with a specialization in reading from the University of Illinois-Urbana.



Arthur B.C. Walker Jr.

Focus on the arts

The arts on Channel 3

All *That Bach*, airing at 10 p.m. Thursday June 28 on WPSX-TV, is a delightful celebration of the music of J.S. Bach as it played, danced, sung, jazzed, computed, tapped and electrified by a wide range of internationally renowned artists.

Musical fireworks take center stage as public television's national Independence Day special, *A Capitol Fourth 1990*, celebrates a new era of freedom and the extraordinary events that have lifted the Iron Curtain, electrifying the world. The 90-minute concert, broadcast live from the lawn of the U.S. Capitol, airs at 8 p.m. Wednesday, July 4. Internationally acclaimed maestro Metislav Rostropovich and guest conductor Henry Mancini lead the National Symphony Orchestra in an exciting concert of American and European music.

Lincoln Center will celebrate the genius of Wolfgang Amadeus Mozart with "A Mostly Mozart Festival Gala," presented on *Live from Lincoln Center* at 8 p.m. Wednesday, July 11, with stereo simulcast on WPSU Radio, 91.1 FM. The gala evening, the opening program of the 1990 Lincoln Center Mostly Mozart Festival at Avery Fisher Hall, will be conducted by Festival Music Director Gerard Schwarz.

Museum Store inventory

The Museum Store-Palmer Museum of Art will be closed Friday, June 29, for the annual inventory. The store will reopen for business at 11 a.m. Saturday, June 30.

Pattee exhibit

The Rare Books Room of Pattee Library at University Park is featuring an exhibit titled "Stars and Star Lore: Astronomy and Astrology in Pattee Library's Collections" until July 16.

The exhibit includes early editions of the works of Copernicus, Newton, Bowditch, Kepler, and others. Early star charts, almanacs, astrology books, works on comets, and two telescopes also are on display.

Embroidery exhibit

An exhibit by the Nittany Valley Chapter of the Embroiders' Guild of America is on display in the Kern Galleries at University Park until July 30.

The purpose of the Embroiders' Guild of America is to promote education in the art of embroidery by offering courses and presenting exhibits.

The Kern exhibit includes examples of

crewel embroidery, Brazilian embroidery, canvas embroidery, counted thread techniques, and silk and metal on fabric and silk and metal on canvas.

Painting acquired

A 16th-century painting by a Florentine artist has been acquired by the Palmer Museum of Art for its permanent collection.

"Madonna and Child with St. John" by Michele Tosini, painted during the 1540s, was presented to the Museum by the Friends of the Palmer Museum of Art. The painting was purchased with funds provided by the Friends of the Palmer Museum of Art and with supplemental funds provided by the Office of the President of the University.

The Tosini painting was derived from his large altarpiece in the monastic church of San Jacopo e Lorenzo dalle Murate in Florence, Italy. While Tosini painted the altarpiece in a High Renaissance style under the eyes of his teacher, Ridolfo Ghirlandajo, the Penn State painting is rendered in the mannerist style that was more favored at the time.

The unsigned painting was recently attributed to Tosini by Heidi Hornik, who will receive her doctorate in art history from Penn State in August. During her dissertation research on the artist, Ms. Hornik was able to locate Tosini's last will and testament, as well as other documents that contributed to the attribution.

The painting was part of the exhibition "Italian Renaissance Art: Selections from the Piero Corsini Gallery" that was at the Palmer Museum in early 1987. It is the second work from that exhibition to be acquired by the Museum for its permanent collection. The other painting is "Adoration of the Shepherds" by Tommaso Manzoni, also known as Maso de San Friano.

Both works are included in the current exhibition "Highlights from the Museum's Collection," on view in the first-floor gallery.

The exhibition is free. Museum hours are Tuesday through Friday, 10 a.m. to 4:30 p.m.; Saturday, 11 a.m. to 4:30 p.m.; and Sunday, noon to 4 p.m.

'1776' scheduled

The musical "1776," the second production of the Pennsylvania Centre Stage 1990 season, will run from July 4 through July 21 in the Playhouse Theatre at University Park.

The show is directed by Carole Brandt, head of the Department of Theatre Arts, who last year directed "Steel Magnolias."



"Madonna and Child with St. John" by Michele Tosini, painted during the 1540s, has been presented to the Palmer Museum of Art.

The cast includes 23 actors and two actresses, with the leads played by established equity actors.

Written by Peter Stone with music and lyrics by Sherman Edwards, "1776" traces the events of that hot Philadelphia summer leading up to the signing of the Declaration of Independence. The Broadway show won three Tony Awards in 1968-69, including Best Musical. With a light musical touch, it shows our forefathers as real men with real lives and real passions.

"1776" will be presented in the Playhouse Theatre at 8 p.m. on July 6, 7, 11-14, and 18-21. Preview performances are on July 4 and 5. Saturday matinees, July 7, 14 and 21, will be presented at 2 p.m. The July 7 matinee is especially for families with an additional discount for children's tickets. Special pre-performance activities

will begin at 1 p.m.

Tickets for evening performances are \$18 for adult and \$15 for students or children. Tickets for matinees and preview performances are \$14 for adults and \$11 for students or children.

For more information, call the Eisenhower Auditorium Ticket Center at (814) 863-0255, open Monday through Saturday from 8:30 a.m. to 4:30 p.m.

Crafts exhibition

Crafts National 24, a juried exhibition featuring contemporary crafts, will be on display July 5-30 in Zoller Gallery at University Park.

The exhibition, co-sponsored by the Central Pennsylvania Festival of the Arts

(Continued on page 5)

George Mauner appointed new director of institute

The new director of the Institute for the Arts and Humanistic Studies believes the Institute should continue to support, stimulate and publicize, with sustained



George L. Mauner

effort, the artistic and humanistic activity at Penn State, if the University is to fulfill its mission.

George L. Mauner, distinguished professor of art history, will succeed Stanley Weintraub as Institute director on July 1. Dr. Weintraub has been director since 1970.

"As a result of my predecessor's efforts, the Institute now has become an established, familiar resource for and representative of the arts and liberal arts," Dr. Mauner said. "I want to maintain Dr. Weintraub's high level of activity."

Headquartered in Ihlseng Cottage at University Park, the Institute promotes artistic creativity and research in the arts and liberal arts through experimental courses, lectures and symposia, residencies and presentations by distinguished scholars and artists and the commissioning of original works, such as the John La Montaine opera "Be Glad Then America," performed at Penn State in 1976 during the U.S. Bicentennial.

Projects funded by the Institute include new works of art, music and fiction;

archaeological digs; photographic expeditions; research into political and military history; and literary criticism and inquiry.

"I would like to see an increase of interdisciplinary projects such as the music theatre productions that took place on the campus years ago and the art-music literature interactions like the memorable Surrealist celebration that Institute Fellow Robert Lima organized in 1974," Dr. Mauner said.

"I also hope it will be possible to help support a series of publications cataloging the many and diverse groups of art objects that the University owns and that are largely unknown even to the local faculty and residents. Such publications would do so much to extend the University's reputation into a domain for which it has not been adequately recognized."

Dr. Mauner cites Penn State's recent report on the arts and liberal arts, which recommended increased funding for the Institute.

"The Institute is the only one of its kind in the state. Its future is bright, because the

talent is here. What we need now is a little confidence expressed in financial terms.

"Clearly, it is time that the arts and liberal arts received the strong support, both moral and financial, that they need in order to play the significant role that they are fully capable of playing, in enhancing the reputation of the University internationally. I will work for that support."

Twice a year, in September and January, faculty throughout the University have the opportunity to seek Institute funding for artistic and humanistic projects.

"The Institute provides a rare opportunity to support interdisciplinary studies of all kinds," Dr. Mauner noted. "All of these deal with artistic and intellectual activity, and it is this cultural continuity that lies at the heart of civilization."

In addition to supporting semester-long research fellowships, the Institute has a faculty of 18 Fellows, who are full professors at the University with national or international reputations in scholarship, creativity or performance.

University Park Calendar

June 28 --

July 15

Special Events

Thursday, June 28
Commission for Women, meeting, 10 a.m.-noon, 250 Hammond.

Summer Sessions, music at noon, Fisher Plaza:
seminar, 3:30 p.m., Nittany Lion Inn, Fireside Lounge, Stephen Schaeffer on "Molecular Population Genetics of a Monomorphic Gene in *Drosophila*: Inferring the Evolutionary Process from DNA," billboard clinic, 6 p.m., HUB; Black Moshannon Observatory tour and lawn star party, leave 8:30 p.m., HUB, (raindate June 29); Explazaganza, concert, 7:30 p.m., Fisher Plaza.

Saturday, June 30

Pa. Centre Stage, 2 p.m., Pavilion Theatre. *A Shogun Minded*.

Summer Sessions, Music at Penn's Woods, 7:30 p.m., Schwab Aud.

Shaver's Creek, Summer Stargazing, 8-10 p.m., Call 863-2000.

Sunday, July 1

Summer Sessions, Penn's Woods chamber concert, 3 p.m., Music Bldg., Recital Hall.

Friday, July 3

Summer Sessions, Richard Victor Quintet, music at noon, Fisher Plaza; Divisions, bowling, 7-9 p.m., 9-11 p.m., Rec Hall.

German Dept., film, 8 p.m., 108 Wartik. *Enis und ens gluch dre*.

Pa. Centre Stage, 8 p.m., Pavilion Theatre, through July 7, *A Slingshot Minded*.

Wednesday, July 4

Independence Day, no classes.

Summer Sessions, Penn's Woods chamber concert, 7:30 p.m., Music Bldg., Recital Hall.

Pa. Centre Stage, 8 p.m., The Playhouse, through July 7, 1776. Also July 7, 14, 21, 2 p.m.; July 11-14, 8 p.m.

Thursday, July 5

Women of Color, luncheon, noon-1 p.m., Nittany Lion Inn.

Summer Sessions, Max Dilley, music at noon, Fisher Plaza; seminar, 3:30 p.m., Fireside Lounge, Nittany Lion Inn. Dr. Dan Weedman on "Telescopes for the Next Millennium."

Friday, July 6

Shaver's Creek, Owl Prowl, 8-10 p.m., Call 863-2000.

Saturday, July 7

Shaver's Creek, Swampsearchers, 2-4 p.m., Call 863-2000.

Summer Sessions, Music at Penn's Woods, 7:30 p.m., Schwab Aud.

Sunday, July 8

Shaver's Creek Naturalist Club, 1 p.m.; Twilight Walk, 7:30-9:30 p.m., Call 863-2000.

Summer Sessions, Penn's Woods chamber concert, 3 p.m., Music Bldg., Recital Hall.

Tuesday, July 10

Summer Sessions, brown bag seminar, noon-1 p.m., porch of Pavilion Theatre, Louis Winkler on "Educating Students for the Future"; Explazaganza film, 9 p.m., Fisher Plaza.

German Dept., film, 8 p.m., 108 Wartik. *Damenquart*.

Wednesday, July 11

Central Pa. Festival of the Arts, Children's Day, sidewalk sales, through July 15.



'Unlitted hollow form' by Dennis Elliott is included in the exhibition "Crafts National 24" opening July 5 in Zollner Gallery at University Park.

Palmer Museum of Art, symposium, 8 a.m., Palmer Museum of Art. "Contemporary Realist Watercolors."

Summer Sessions, Black Moshannon Observatory tour and lawn star party, leave 8:30 p.m., HUB, register, 8:30-10:15, (raindate July 12); Penn's Woods chamber concert, 7:30 p.m., Music Bldg., Recital Hall.

Thursday, July 12

Palmer Museum of Art, workshops, "Contemporary Realist Watercolors," James Winn, 9 a.m.-noon, Patricia Tobacco Forrester, 1-4 p.m., Register, 863-1743.

Summer Sessions, Explazaganza Concert, 7:30 p.m., Fisher Plaza.

Friday, July 13

Board of Trustees meet at Berks Campus, through July 14.

Saturday, July 14

Summer Sessions, Music at Penn's Woods, 7:30 p.m., Schwab Aud.

Sunday, July 15

Penn's Woods chamber concert, 3 p.m., Music Bldg., Recital Hall.

'Perspectives, 6:30 p.m., Wednesdays, Creative License, 12:30 p.m., Thursdays, with Asa Berlin and Pam Saulnier.

Conferences

Continuing Education

July 1-7, Waring Elderhostel II, Peter Kiefer, coordinator, Fred Waring's America, in charge, Jack Sinclair, coordinator.

July 2-Aug. 4, Nihon University Summer English Program, Vicki Talbott, instructor, Intensive English Communication Program, chair, Dick Bunnell, coordinator.

July 5-7, Minority Advanced Placement Program, Dan Trevino, associate professor, director of minority programs, chair, Donna Ricketts, coordinator.

July 5-8, Pa. Lions All-State Band, Ned Deid, director, Blue Band, and professor of music, chair, Kathy Karchner, coordinator.

July 6-29, 10-24, 12-26, People to People Science Exchange, Norman Freed, associate dean and professor of physics, chair, Jerri Milson, coordinator.

July 7-9, Piano Teachers Workshop, Tim Shafer, instructor in music, chair, Donna Ricketts, coordinator.

July 8-12, School Food Service Institute, Frederick DeMico, associate professor of hotel and food management, chair, Norm Lathbury, coordinator.

July 8-13, United Steelworkers Institute, Gilbert Gall, assistant professor of labor studies, chair, Chuck Herd, coordinator.

July 8-14, Waring Elderhostel II, Peter Kiefer, coordinator, Fred Waring's America, in charge, Jack Sinclair, coordinator.

July 8-20, Summer Engineering Scholars Academy, R.F. Devon, associate professor of general engineering, chair, Eric Loop, coordinator.

July 9-11, Computational Methods in Stormwater Management, David Kibler, professor of civil engineering, chair, Barb Impellitteri, coordinator.

July 9-27, Pa. Earth Sciences Field School, Brian Torney, assistant professor of environmental science, director, Barb Impellitteri, coordinator.

July 9-27, Improving Elementary Science, Robert Shugley, professor of education, chair, Barb Impellitteri, coordinator.

July 9-13, Electrical Systems and Maintenance, Charles Clair, director, institutional engineering, advisory services, affiliate associate professor of architectural engineering, chair, Norm Lathbury, coordinator.

July 9-13, Maintaining a Quality Preschool, Patricia Cynthia Sovich, instructor, individual and family studies, and home economics education, chair, Donna Ricketts, coordinator.

July 9-Aug. 3, Nuclear Concepts and Technology Issues, Candice Dawson, technology education specialist, director, Bill Sterner, coordinator.

July 11-12, Contemporary Realist Watercolors, Charles R. Garoin, assistant director, Palmer Museum of Art, chair, Donna Ricketts, coordinator.

July 11-14, Rhetoric and Composition, John Harwood, summer professor of English, chair, Chuck Herd, coordinator.

July 11-22, Fred Waring's U.S. Chorus, Peter Kiefer, coordinator, Fred Waring's America, in charge, Jack Sinclair, coordinator.

July 13-15, Adult Golf, Bob Intriari, PGA master professional, chair, Jerri Milson, coordinator.

July 14-21, Alumni Vacation College, Ernest Gale, assistant executive director of special programs, chair, Donna Ricketts, coordinator.

July 13-14, Rhetoric and Composition, John Harwood, summer professor of English, chair, Chuck Herd, coordinator.

July 11-22, Fred Waring's U.S. Chorus, Peter Kiefer, coordinator, Fred Waring's America, in charge, Jack Sinclair, coordinator.

July 13-15, Adult Golf, Bob Intriari, PGA master professional, chair, Jerri Milson, coordinator.

July 14-21, Alumni Vacation College, Ernest Gale, assistant executive director of special programs, chair, Donna Ricketts, coordinator.

Exhibits

HUB Galleries

Formal Gallery, Art Alley, Browsing Gallery:

"Images '90," July 9-27

Art Alley Panels

Diane Reedy, "A Closer Look," through June 29.

Kern Galleries

Department of Astronomy exhibit, through June 30.

Central Pa. Festival of the Arts exhibit, through July 31.

Palmer Museum of Art

Selections from the Permanent Collection, through Oct. 7.

Craft and Community: Traditional Arts in Contemporary Society, through July 22.

Central Pa. Festival of the Arts, "Realist Watercolors," through Aug. 5.

Pattee Library

Lending Services Gallery:

Kim Fisher, "By the Mountains and the Sea," through July 6.

West Lobby Gallery:

Annette S. McHugh, Chinese Brush Paintings, through July 6.

Rare Books Room:

Slane and Sins Lone, Astrology and Astrology in the Past, through July 10.

Zollner Gallery

Crafts National 24, July 5-30.

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather-234; Arts Line-345; University Calendar-456.

Focus on the arts

(Continued from page 4)

and the Zollner Gallery, represents a wide variety of media and techniques in works of fiber, ceramics, glass, metal, wood and handmade paper.

Jurors Ron Isaacson and Deborah Farber Isaacson, co-founders and co-directors of the Mindscape Gallery in Evanston, Ill., selected 58 works by 57 artists from around the country. More than 300 works were submitted by 206 artists for the exhibition.

"Our intention was to assemble a comprehensive selection of works that are both imaginative and well executed," the jurors said. "Ideally viewers would see a small microcosm of the field that we call contemporary American crafts-rich and innovative in form and texture, color and composition."

International Events

Fulbright deadline

Aug. 1 is the new deadline for applying for research and lecturing awards to Africa, Asia (except India), Eastern Europe, Middle East and Western Europe, for lecturing-only awards to Mexico, Venezuela and Caribbean islands; and for travel-only awards to France, Italy and The Federal Republic of Germany. For information, contact Elizabeth B. Smith at 865-7681.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m. Odyssey Through Literature, 12-30 p.m. Wednesdays, with S. Leonard Rubinstein.

Bagdikian essay wins Lowell Mellett Award

Ben H. Bagdikian's essay "Missing from the News," about the intrusion of commercial interest in news coverage and printed in *The Progressive Magazine*, has been named the winner of the 1990 Lowell Mellett Award for outstanding media criticism at University Park Campus.

The award recognizes outstanding contributions to the improvement of print and broadcast journalism through responsible analysis or critical evaluation. It has been administered by the School of Communications since 1984.

Special citations were presented to "Illusions of News," reported by Bill Moyers and produced by Richard Cohen; Stuart Taylor Jr. of the *American Lawyer*, for his critical profile of the *Wall Street Journal*'s legal affairs columnist and editorial writer L. Gordon Crovitz; and Dallas public

television station KERA, for work in "Project Crossroads: Race and the Media" and "A White, White World."

Bagdikian "is a very, very famous name in journalism and was a mentor to many of us," Peter Herford, one of three judges for the award, said. Mr. Herford is director of the Benton Fellowships in Broadcast Journalism at the University of Chicago and is a former CBS correspondent and producer.

For more than 30 years, the name of Ben H. Bagdikian has been synonymous with principled, informed and courageous criticism of journalism on a national scale.

The body of his work has become the benchmark for a generation of ombudsmen, critics and media special reporter who followed.

Mr. Bagdikian began his career as a press

critic with the *Precedent Journal* and later was a writer at *The Saturday Evening Post*. He also worked as an associate managing editor and ombudsman at *The Washington Post*. This spring he retired as a professor in the Graduate School of Journalism at the University of California, Berkeley. He has written many books, the most recent of which is *The Media Monopoly*.

Alex Jones, who covers the press for *The New York Times*, and Ray Jenkins, editor of the editorial page of the *Baltimore Sun* and former editor of the *Montgomery (Ala.) Advertiser Journal*, also were judges.

The Mellett Award, now in its 11th year, is named in honor of the distinguished Scripps-Howard editor and syndicated columnist who died in 1960.

Appointments

Larry C. Burton, an international expert in minerals and semiconductors, has been named head of the Department of Electrical Engineering effective July 1.

Dr. Burton currently is professor of electrical engineering and materials science at the Virginia Polytechnic Institute and State University in Blacksburg. He is also director of the VPI Extreme-Materials Laboratory and co-director of the VPI Technology Development Center for Advanced Ceramic Material.

Larry Burton brings real strength to the College in a critical area of emerging technology. His reputation and administrative skills will be a positive addition to an already outstanding department. John A. Brighton dean of the College of Engineering said.

Dr. Burton joined VPI as an associate professor of electrical engineering in 1977 and was promoted to professor in 1982. From 1973-77, he was at the University of Delaware, first as a research associate professor and later as a senior scientist. He also served on the Texas Tech electrical engineering faculty from 1970-73.

Dr. Burton received a Ph.D. in physics from Penn State in 1970. His master's and bachelor's degrees are from Temple University.

He is a member of the IEEE, the American Physical Society, the American Ceramic Society, the Materials Research Society, and the International Society of Hybrid Microelectronics. He is cited in *American Man of Science* and *Who's Who in Technology Today*.

Theodore E. Kiffer, associate dean for the Commonwealth Educational System in the College of the Liberal Arts, has been named interim dean of the college, effective July 1.



Larry C. Burton

Dr. Kiffer will replace Hart M. Nelsen, who previously announced plans to step down June 30. He will remain in the interim post until a permanent dean is appointed.

"I am pleased that Dr. Kiffer has accepted this interim position," President Jordan said. "I am certain he will provide outstanding leadership for the college during this transition period."

Charles Hosler, acting executive vice president and provost, said Dr. Kiffer's experience at Penn State will serve him well in his role as interim dean.

"His knowledge of the College of the Liberal Arts is invaluable, and I look forward to working with him," Dr. Hosler added.

Dr. Kiffer joined the University faculty in 1968 as assistant director of resident instruction and associate professor of English linguistics at the Penn State Berks Campus. He served as a research associate



Theodore E. Kiffer

in the Center for the Study of Higher Education in 1970 and was appointed director of general education in humanities and social sciences in 1971.

He has served as acting chairman of the Linguistics Program, acting director of the Religious Studies Program and associate head of the English Department.

A graduate of Roberts Wesleyan College, Dr. Kiffer received an M.A. in English and a Ph.D. in linguistics from Penn State.

Prior to joining the University faculty, he was associate professor of linguistics at Kutztown State College.

Carpooler

Lisa needs a ride from the Houtzdale/Philipsburg area to University Park. Work hours are 6:30 a.m. to 5 p.m., Monday through Friday. Call 865-0401.

Bookshelf

William Boyd, professor of education, is co-editor of *The Politics of Excellence and Choice in Education*, the first annual Yearbook of the Politics of Education Association. The book, published by Falmer Press, is an assessment of the current national effort to reform American schools.

He also is co-editor of *Educational Policy in Australia and America: Comparative Perspectives*, which was developed in collaboration with an Australian scholar, as an outcome of a Fulbright award. The book represents one product of the United States/Australia Education Policy Project, an ongoing venture sponsoring collaborative research and exchanges between U.S. and Australian educators and scholars.

Robert E. Harkavy, professor of political science, is the author of *Bases Abroad: The Global Foreign Military Presence* (Oxford University Press), an in-depth overview of United States, Soviet, British and French military bases.

The book was written under the aegis of the Stockholm International Peace Research Institute.

Dr. Harkavy, director of the Center for Research in International and Strategic Studies, describes in detail the major powers' global basing networks, including the functions and locations of naval, air, ground, intelligence and communications facilities and the politics and economics of their acquisition.

His book examines the modern status and associated diplomacy of basing access, against the background of past political, military and technological relationships. It includes tables and maps illustrating the United States and Soviet global networks.

He focuses on the emerging political and technological developments such as the diffusion of power away from the superpowers and the increasing leverage of the smaller countries that host bases.

News in Brief

Howard Hughes Summer Institute

The Howard Hughes Summer Institute is now in session at University Park.

The Institute, directed by Linda Maxson, head of the Department of Biology, brings together 41 students who will be entering freshmen in the Eberly College of Science this fall, five CES Biology faculty members, three graduate teaching assistants and three high school biology teachers for an intensive month of study of the biology of the gene.

The Howard Hughes Medical Institute funded this summer program as part of an initiative aimed at improving undergraduate education and encouraging students to pursue careers in the biological sciences. An Institute is planned for each summer through 1993.

Red Cross blood program

The Red Cross campus summer blood program is about to commence, and your participation as a blood donor is greatly needed. Blood needs increase in the summer months, at the same time that supply diminishes.

On Monday, July 9, the Graduate Student Association is sponsoring a blood drive in 101 Kern at University Park from 10 a.m. to 4 p.m. Walk-ins are welcome, but appointments can be made by calling the G.S.A. office at 865-4211.

On Tuesday, July 10, the Association for Residence Hall Students is sponsoring a blood drive in the HUB Ballroom from 11 a.m. to 5 p.m. Walk-ins also are welcome at this drive, and appointments can be made by calling 237-3162.

Giving blood is safe and easy. The

entire donation process takes about an hour, and this includes a mini-physical and refreshments afterwards.

Host families needed

The Keller Conference Center and the Eberly College of Science are hosting the People to People Youth Science Exchange American-Soviet Conference, consisting of 80 Soviet high school students planning to study physics, astrophysics and computer science, as well as enjoy the social, cultural and recreational activities offered in the Centre Region.

Volunteer host families are needed to house one or two of these students the weekend of July 13 to 15. This would be an enjoyable learning experience for host families which will have one-on-one contact with Soviet students.

Interpreters also are needed to spend time with the students throughout their stay. If you are interested in helping these Soviet students or want more information about the program, call Jerri Milsom at Keller Conference Center at 865-5141.

Lighted practice range

The Blue Golf Course Practice Range at University Park is now illuminated permitting practice until 10 p.m. daily. At the lighted practice range, ball and club rentals are available in the Blue Golf Shop.

The new lighted practice range is a part of the first phase of the golf course renovation and development. The Palmer Course Design Co., owned by Arnold Palmer Enterprises, is proceeding with plans to begin major

construction in the spring of 1991.

For more information, call 814-863-7462 (Blue Course) or 814-863-6231 (White Course).

Ruth Leventhal Day

"Dr. Ruth Leventhal Day" was celebrated in the city of Harrisburg on June 12, at the order of Mayor Stephen R. Reed.

Dr. Leventhal, who is provost and dean of Penn State Harrisburg, was cited as the first chairperson of the Council for Public Education, which is part of a national network of local education funds.

Founded in 1984 through the initiative of the Greater Harrisburg Foundation, it was organized with a grant from the Wells Foundation. CPE links education, business and community interest, identifies the educational needs of the area, and draws attention to the issues facing the 24 school districts in Southcentral Pennsylvania.

The mayor's proclamation states, "Dr. Leventhal's direct efforts have resulted in a number of unique and productive initiatives such as the mini-grant program, the Capital Area Intermediate Unit partnership, the Marshall School Store and an aggressive community-awareness program."

Independence Day hours

Penn State Operator and Information Service hours for Independence Day, July 4, will be 8:30 a.m. to 4:30 p.m.

Bookstore hours

The Penn State Bookstore's summer hours are Saturday, June 30, noon to 5

p.m.; Sunday, July 1, noon to 4 p.m.; Monday and Tuesday, July 2 and 3, 8 a.m. to 8 p.m.; July 4, closed in observance of the Independence Day holiday.

The Bookstore will resume normal operating hours on Thursday, July 5. Hours are Monday to Thursday 8 a.m. to 8 p.m.; Friday, 8 a.m. to 5:30 p.m.; Saturday, 9 a.m. to 5 p.m.; Sunday, noon to 4 p.m.

Sidewalk sales will resume on July 9, from 9:30 a.m. to 4 p.m. weekdays.

Observatory bus trip

Spaces remain on the bus trip to the Black Moshannon Observatory on Wednesday, July 11. Rain date is July 12. Buses will leave at 8:30 p.m. from the front of the HUB at University Park. Tickets for the trip are free, but must be picked up at Spruce Cottage from 8 a.m. to noon or 1 to 5 p.m.

The trip is sponsored by the Department of Astronomy and the Office of Summer Sessions.

Jogging reminder

All joggers are reminded to restrict their running only to the jogging trail on the perimeter of the golf course. No jogging is permitted on the golf course proper. A large multicolor map is posted across from Recreation Building along Atherton Street describing the approved route.

A golf ball travels at high speed and can cause serious injury. Golfers are not responsible for the direction of their shots. When approaching golfers, runners should stop and assume a safe position to prevent an accident.

Partings

Lillian C. Brilhart, records clerk in the Division of Undergraduate Studies, has retired after 25 years of service.

Ms. Brilhart began her career in Undergraduate Admissions and moved into student affairs research, which eventually became the Division of Undergraduate Studies.

She liked the variety in her job, especially talking with parents and students working with students in the drop/add process.

She has two sons who graduated from Penn State, a daughter who works in Pattee Library, and a daughter in Guam. She plans to stay in State College, but looks forward to traveling to avoid the cold winters.

Harlan Hoffa, professor of art education and associate dean for research and graduate studies in the College of Arts and Architecture, will retire July 31 after 20 years of service.

Dr. Hoffa began his career at Penn State in 1970 as the head of the Department of Art Education. He went on to head the Division of Art and Music Education in 1976, and to become interim director of the School of Visual Arts from 1979-80 and again in 1984-85.

Since 1984, he has served as the first associate dean for research and graduate studies in the college. In 1989, he was named associate director of the new Center for Policy and Evaluation Studies in Arts, a position he will continue in his retirement.

Dr. Hoffa earned his doctorate in art education from Penn State in 1959 after receiving both his bachelor's and master's degrees at Wayne University. He was on the faculties of Ohio State, SUNY at Buffalo, Boston University and Indiana University before coming to Penn State. He served as president of the National Art Education Association (NAEA) from 1971 to 1973 and was a member of the



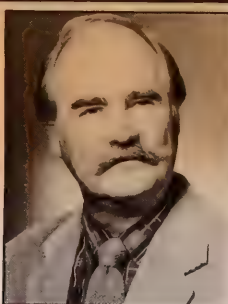
Lillian C. Brilhart

NAEA Board of Directors for six years. He has gained professional recognition through many awards.

In retirement, Dr. Hoffa plans to recapture his artistic roots by returning to the studio, where he will concentrate on sculpture in wood and metals. At the invitation of the NAEA, he also will write an extended monograph dealing with the institutionalization of the arts.

Though Dr. Hoffa plans to remain professionally active, he also looks forward to having "seven Saturdays every week." "I have no intention of rocking my life away on a front porch or spending it chasing a ball around a golf course," he said. "I do, however, plan to buy a new canoe as well as airline tickets to romantic places."

Fred Rapp, associate dean for academic affairs, research, and graduate studies, and Evan Pugh professor and chairman of the Department of Microbiology and



Harlan Hoffa

Immunology at the Hershey Medical Center, has retired after 24 years of service.

He and his wife, Pam, are selling their home in Hershey and setting sail on their 42-foot sailboat, the Simplex.

"This is a new world that Pam and I are going to discover. I want to learn more about celestial navigation and sailing, read, write down my thoughts, and improve my health," Dr. Rapp said.

Dr. Rapp graduated from Brooklyn College and Albany Medical College at Union University. In 1958, he earned his Ph.D. in medical microbiology at the University of Southern California.

By the time Dr. Rapp joined Hershey Medical Center in 1969, he was considered a world leader in cancer research. He made one of his greatest contributions in the early 1970s, when he found that human herpes simplex virus type 2, a virus known to cause venereal disease, could convert normal hamster cells to cancer cells.



Fred Rapp

The results of these studies, funded by grants and a major contract from the Virus Cancer Program of the National Cancer Institute, led the federal government to award \$2 million to the College of Medicine to build a Cancer Research Wing. The University provided \$1 million in matching funds for this first expansion to the Medical Center.

Dr. Rapp has contributed much to his field in addition to scientific discovery and training new scientists. He has published more than 700 papers in scientific journals and has presented research and lectured at innumerable meetings throughout the world.

"I will miss the Medical Center," he said. "I love this place and I love many of the people here—I'd have to or I wouldn't have stayed here for 20 years. But I don't want to do it 70 what I've done for the past 35 years. I'm ready to begin a new, exciting phase of my life."

Faculty/Staff Alerts

Software purchases

Effective July 2, all departmental microcomputer software purchases previously directed to General Stores should be directed to the Center for Academic Computing's Microcomputer Order Center (MOC), located in 12 Willard Building at University Park. The MOC will accept Interdepartmental Transfers (IDTs) for these purchases.

The MOC will continue to serve faculty, staff and students for their personal purchases. This change is being made to consolidate consultation, vendor relations, inventory control and software acquisition in one location, thereby improving service to the University community.

University Park parking

Red B and C lots The west part of the Red B parking area at the back of the Old Foods Building, where the roadway connects Red A and Red C, has been changed to become Red C. This adds about 28 parking spaces to the Red C open lot. The front section of Red B between the Water Tunnel and the front of the old Foods Building will remain Red B, which is not an open lot.

Motorcycle permit fees: Faculty and staff members who register motorcycles for parking privileges will be required to pay a \$10 fee for an annual motorcycle parking permit beginning Sept. 1. (Motorcycles must be parked in designated motorcycle parking spaces.)

Current motorcycle permits expire Aug. 31. For the last three years, the motorcycle permit was issued free if the faculty or staff member maintained a regular parking permit at the \$8-per-month fee. If the faculty or staff member did not have a regular parking permit, the annual motorcycle fee was \$20.

For a new motorcycle parking permit,

faculty and staff members should see their parking chairpersons about Aug. 1.

Faculty and staff members interested in parking motorcycles at University Park on a regular basis during nice weather may want to consider turning in their regular parking permit and purchasing a booklet of 10 one-day parking permits for \$5 at the Parking Office, 125 Grande Building. When cold weather returns, faculty and staff members can opt to reactive their regular car parking permit.

University Park Address Format

To comply with new postal requirements that will take effect in the next few months, the format for University Park Campus addresses has been revised to move the building/street address line directly above the last line (zip code line). The line "The Pennsylvania State University" will appear above the building/street address line, and below the first line, which identifies the office, department, or program. For example:

Office of the President
201 Old Main
The Pennsylvania State University
University Park, PA 16802

Effective immediately, all new stationery orders, publications, and editorial policies should implement this revision. Questions regarding University editorial style may be directed to the University Editor, Department of Publications. Questions regarding mailing and addressing may be directed to Mailing and Addressing Services.

Motor freight service

A new contract for freight movement has been awarded to three motor freight carriers: McQuaide Freight Lines, Central Transport and ABF Freight Systems. Each carrier will cover a specific territory within the United States. These carriers will be used for inbound and outbound "collect" freight shipments.

A master bill of all freight movement will be presented to the University on a bi-weekly basis by each carrier. Charges will then be deducted from the appropriate budget.

If you have any questions, contact Kevin M. Stahl, Department of Purchases, at 865-2567.

Systems and Procedures

Systems and Procedures has relocated to 103 Daniel Building, University Park, Pa. 16801. All correspondence and form orders should be addressed to the new location. The phone number, 865-9568 (network 475-9568), and the EMC2 electronic mail user, FORM@PSU.EDU, remain the same.

The General Forms Usage Guide indicates which University forms must be ordered through Systems and Procedures. These forms are no longer stocked at Systems and Procedures. Forms are now inventoried by Printing Services. As a result, those persons opting to pick up their form order must allow one full day for the processing of their order before being able to receive the forms at Printing Services, 101 Business Services Building.

Printing Services will not distribute any forms unless it has received a forms order from Systems and Procedures. Therefore, it is important to place your order in sufficient time prior to your need of forms.

Promotions

Staff Exempt

Louis R. Constable to research programmer in C&IS - Computation Center.
Roger A. Files applications programmer in C&IS - Computer Center.
Bruce Heasley to assistant director, student services in Commonwealth Educational System.
William K. Hillner to LAN systems analyst in C&IS - Telecommunications.
Robert S. Hippo to accountant in Corporate Controller's Office.
Robert E. Kreider to assistant director, Physical Plant/Maintenance at Hershey.
Daniel R. Leri to director, training and new business in Research and Graduate School.
Barbara Merritt to administrative assistant in Engineering.
John M. Porter Jr. to associate director, accounting operations in Corporate Controller's Office.
Shen L. Vail to assistant business manager in C&IS - Computer Center.
Pablo Vincente to janitorial foreman at Berks Campus.
George M. Weaver to information technician associate in Science.

Staff Non-Exempt

Ann C. Bellocchio to research administrative support aide in Science.
Deborah K. Johnson to proof billing coordinator at Hershey.

Clerical

Charlotte A. Burcin to senior clerk in University Libraries/Gwen Corman to secretary B in Science.
Shelby L. Coale to technical secretary C in Applied Research Lab.
Sarah A. Deber to clerk, accounting A in Science.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. The announcement is made so that all University employees who are interested in promotion **MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304.**

INTEWORK LINE 433-0304. Applications for these staff vacancies will be accepted until July 5. **DO NOT CONTACT THE AREA THAT HAS THE VACANCY.** Applications for staff vacancies are considered in accordance with Fair Employment practices (FES-1) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

***Assistant Manager, Food Services, Housing and Food Services, University Park Campus** - Responsible to the manager, Food Services, for all phases of a specific dining commons operation. The duties are to include the supervision of the daily functions of the food service employees and student employees. Maintain high standards of food preparation, service and sanitation. Requires bachelor's degree or equivalent, plus one to two years of effective experience. **STAFF GRADE 5**

***Development Assistant, Development and University Relations, College of Health and Human Development, University Park Campus** - Responsible to the director of development, senior development officer, or development officer for assistance in the organization and implementation of fund-raising programs and related activities in the College. Requires bachelor's degree, or equivalent, plus one to two years of effective experience in public relations, fund raising, or related field. Proficiency in verbal and written communications skills is highly desirable. Willingness to travel essential. **THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991. STAFF GRADE 6**

***Assistant Group Supervisor, Health and Human Development, Human Development and Family Studies, University Park Campus** - Responsible for planning and supervising activities for preschool children ages 4+; planning and coordinating a parent involvement program; and overseeing and directing the work of University students. Requires bachelor's degree, or equivalent, in an appropriate field plus at least three months of effective experience or associate degree, or equivalent, plus over one year of effective experience. **STAFF GRADE 4**

***Writing and Learning Support Specialist, Penn State Harrisburg** - Responsible for the development and operation of the Learning Resource Center, and for the coordination of a wide range of academic support programs with special emphasis on writing skills development. Requires master's degree or equivalent, doctorate preferred, in writing English composition or related field, plus up to one year of

effective experience. Experience in technical writing instruction required. **STAFF GRADE 6**

***Division of Undergraduate Studies Programs Coordinator II, CES, Wilkes-Barre Campus** - Responsible for the administration of the Advising and Counseling Center, and serve as an advisory and campus resource person for academic advisors and students. Coordinate the programs and services of the Division of Undergraduate Studies, which includes academic advising. Supervise placement, counseling, and other academic support services. Requires master's degree or equivalent, plus one to two years effective experience in college level academic advising and educational counseling or other appropriate setting. **STAFF GRADE 7**

***Assistant to the Director of Student Programs and Services (Financial Aid and Veterans' Affairs), Student Programs and Services, Delaware County Campus** - Responsible to the director of student programs and services for the operation and implementation of the campus student aid programs. Develop and coordinate various programs and services in support of veterans and members of the military reserves, and assist in the campus career development and placement services. Requires master's degree, or equivalent, in student personnel administration, financial aid or related field plus up to one year of effective experience, or bachelor's degree plus one to two years of effective experience. **STAFF GRADE 6**

***Director of Development and University Relations, Commonwealth Educational System, Fayette Campus** - Responsible to the Fayette Campus executive officer for organizing and conducting a comprehensive university relations program including all fund-raising programs, public information and relations and alumni relations activities for the entire campus. Requires bachelor's degree, or equivalent, plus two to four years of effective experience preferably involving department, fund-raising and institutional advancement. Relevant experience in higher education is desirable. **THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991. CONTINUATION IS DEPENDENT UPON FUTURE FUNDING. STAFF GRADE 8**

***Publications Specialist, CES, Penn State Great Valley** - Responsible to the director of university relations for writing, design and production of all Center publications in coordination with University Publications and Purchasing Office. Requires bachelor's degree in English, journalism, communications or related field, excellent writing skills, and one to two years of effective publications experience. Desktop publishing ability strongly recommended. **THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991. WITH GOOD POSSIBILITY OF RE-FUNDING. STAFF GRADE 5**

***Assistant Budget Analyst, Office of Budget and Resource Analysis, York Campus** - Responsible for assisting in budget planning analyses and studies. Conduct assigned research for and assist in the preparation of data analyses and position papers; assist in analyzing and developing projections of cost and other resource implications of proposed

academic or support programs. Requires bachelor's degree, or equivalent in business or public administration, accounting, economics or related field, and one to two years of effective experience. **STAFF GRADE 6**

***Assistant Director of Student Programs and Services-Residential Life, CES, Hazleton Campus** - Responsible for managing the day-to-day operations of the residence hall area. Train and supervise the residence hall staff and develop, implement and evaluate programs for residence hall students. Assist with the administration of the Conduct Standard System and act for the director as assigned. Requires master's degree, or equivalent, in student personnel administration or related field, plus one to two years of effective experience. **STAFF GRADE 7**

***Inventory Control Specialist, Office of Business Services, General Stores, University Park Campus** - Responsible to the manager, General Stores, for providing assistance with requisitions, inventory control, and determining stock levels and reorder points. Requires associate degree, or equivalent, plus one to two years of effective experience in requisitioning and inventory control. **STAFF GRADE 4**

***Computer Support Specialist, Senior Vice President for Research and Dean of the Graduate School, Pennsylvania Transportation Institute, University Park Campus** - Responsible for the management of all departmental computer and computer-related activities. Requires bachelor's degree, or equivalent, in computer science or management information systems, plus one to two years of effective experience in areas of office systems, graphics, data communications, micrographics, and project management. General knowledge of hardware and software and token-ring network preferred. Excellent verbal and written communication skills are required. **STAFF GRADE 5**

***Student Development Coordinator, Student Services, Student Organization Resource Center, University Park Campus** - Responsible for providing leadership development for student organizations and student groups. Advise and assist student organizations in program development. Requires master's degree, or equivalent in higher education, counselor education or college student personnel administration or related field, plus up to one year of effective experience, preferably in student activities/leadership training. **THIS IS A FIXED-TERM POSITION FUNDED THROUGH AUG. 1, 1991. WITH AN EXCELLENT POSSIBILITY OF RE-FUNDING. STAFF GRADE 6**

***Assistant Director, Health Promotion and Education, Student Services, University Health Services, University Park Campus** - Responsible for assisting in the development and administration of a program of health education for the University community, and for the overall development and implementation of the Drug Education Program for Total Health. Requires master's degree, or equivalent, in health education, health services, health and safety, or related field plus one to two years of effective experience. **THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30.**

1991. WITH A VERY GOOD POSSIBILITY OF RE-FUNDING. STAFF GRADE 7

***Engineering Counselor, College of Engineering, Engineering Advising Center, University Park Campus** - Responsible to the director, Engineering Advising Center, for providing academic counseling services in selection of major, definition of student abilities and performance, student emergency situations and interpersonal counseling within the College of Engineering. Requires master's degree, or equivalent, in counselor education plus mathematics or physics background plus one to two years of effective experience in counseling. **STAFF GRADE 7**

***Drafter, Electro-Mechanical, Applied Research Laboratory, University Park Campus** - Responsible to the supervisor, Design and Drafting, for the accurate performance of a variety of drafting operations on all types of drawings for electronic, electro-mechanical, mechanical, hydraulic and acoustic equipment and devices. Requires associate degree, technical school training, or equivalent, in electro-mechanical drafting plus six to nine months of effective experience. **U.S. citizenship required. STAFF GRADE 3**

***Drafter/Designer, Electro-Mechanical, Applied Research Laboratory, University Park Campus** - Responsible to the supervisor, Design and Drafting, for the accurate performance of a wide variety of drafting operations including layout and design work on all types of drawings for electronic, electro-mechanical, mechanical, hydraulic, and acoustic equipment and devices, and for the packaging design of electronic equipment. Requires associate degree, technical school training, or equivalent, in electro-mechanical drafting plus two to three years of effective experience. **U.S. citizenship required. STAFF GRADE 5**

Junior Engineering Aide, Applied Research Laboratory, University Park Campus - Responsible to the project engineer or designated senior engineering aide for assistance in the fabrication, testing, installation, operation, and maintenance of non-standard electronic or mechanical parts, components, and equipment. Requires associate degree, or equivalent, in electrical or mechanical engineering technology program, and more than three months of effective experience. Position may require travel on field assignments including assignments aboard ships at sea. **U.S. citizenship required. STAFF GRADE 3**

***Engineering Aide, Applied Research Laboratory, University Park Campus** - Responsible to the project engineer or senior engineering aide for the layout, design, fabrication, and construction of standard electronic or mechanical components and equipment. Assist in conducting tests and with the collection, compilation and analysis of test data. Requires associate degree, or equivalent, plus two to four years of effective experience in the design and fabrication of experimental equipment. Position may require travel on field assignments including assignments aboard ships at sea. **U.S. citizenship required. STAFF GRADE 5**

Penn College named to participate in fellowship program

Pennsylvania College of Technology has been selected as one of 11 colleges and universities in the nation to participate in IBM's Manufacturing Industrial Fellowship Program (MIFP).

Through the program, an IBM engineer specializing in Computer Integrated Manufacturing (CIM) will be assigned to the College for a one-year period, to assist College personnel in developing CIM initiatives.

Penn College's selection to the prestigious IBM program follows on the heels of its recent CIM demonstration, believed to be the first successful attempt by an American college using industrial-scale equipment to link multiple CIM components, including comprehensive computerized business production planning systems, product design software, material storage and delivery, and machine and robot productions.

MIFP is designed to enhance the partnership between IBM and colleges leading the field in computer technology training. Penn College is one of more than 70 members of IBM's CIM in Higher Education Alliance who were eligible to apply for MIFP status.

"IBM has again recognized Penn College's leadership in manufacturing technology," James E. Middleton, dean of academic affairs at Penn College, said.

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William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

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FOUNDATION GRANT

The University has received a \$360,000 grant from The William Penn Foundation. See story on page 2.

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Trustees to be asked to approve operating budget

The Board of Trustees will be asked to approve a total operating budget for the University of \$1,239 billion for 1990-91 during its meeting July 13 at the Penn State Berks Campus.

Anchoring the total operating budget is the general funds budget of \$775 million. The general funds budget supports the basic teaching, research, and public service programs of the University, as well as academic and administrative support activities and maintenance of the physical plant.

The general funds budget has three major components: the state appropriation (40.7 percent), tuition and fees (52 percent), and other income (7.3 percent).

Earlier this month the governor and state legislature approved an appropriation of approximately \$243 million, an increase of 2.9 percent over the previous year. In addition, the University is also expected to receive about \$8.3 million as part of the

See related story on proposed tuition on page 3.

governor's Tuition Challenge Grant Program. The combination of the appropriation plus the Challenge Grant will yield an increase of 4.9 percent over 1989-90.

"We're pleased with the support offered Penn State this year by the state, and in particular with the structure of the Tuition Challenge Grant Program," President Jordan said. "This is a budget that enables Penn State to continue its forward momentum, albeit not at the pace that we would like to see."

"That we are able to move forward in this fiscally austere year for the Commonwealth of Pennsylvania reflects strong, bipartisan support for Penn State

and for public higher education that exists in the General Assembly and the Administration."

The \$251.9 million in overall state support fell below what Penn State had originally requested. The University had sought a 1990-91 appropriation of \$270.1 million.

As a result, planned expenditures were reviewed and Penn State eliminated some planned expense increases.

An across the board six percent tuition increase for all students was built into the budget this year and a computer fee was established at a rate of \$35 per semester for all full-time students.

The \$37.6 million increase in the general funds budget will be allocated as follows:

— \$10.2 million in unavoidable cost increases. The largest single pressure on this area is health care insurances. They are expected to increase over 20 percent

in 1990-91. The impact on the University's General Funds Budget will be \$4.7 million. Other major increases occur in the area of retirement contributions and social security rate changes, as well as the cost for maintenance and operations of new facilities, such as the new Agricultural Science and Industry Building at University Park. There is also more than a half million dollar increase targeted for library acquisitions.

— \$17.7 million in salary adjustments and related benefits. This area has been cut back by more than \$5 million from the amount indicated in the University's appropriation request last fall. The proposed salary increases for 1990-91 for academic and non-classified non-academic positions for individuals will be based on merit. The basic allocation to academic and administrative units will be 4.25 percent of the filled position salary base, with some supplemental

(Continued on page 3)

PENN STATE



INTERCOM

July 12, 1990

Volume 19, Number 37

Information submitted for publication in *Intercom* is due by noon on the Thursday before publication.



President Jordan announces that The Campaign for Penn State, which ended June 30, received more than \$352 million in cash and pledges. (Photo: Greg Grieco).

Campaign for Penn State raises \$352 million in gifts and pledges

The University has completed its six-year effort to secure private support for academic programs with gifts and pledges totaling more than \$352 million, President Jordan has announced.

The Campaign for Penn State, which ended June 30, exceeded its \$300 million goal by 17 percent and ranks as one of the five largest philanthropic campaigns ever mounted by an American public university. Dr. Jordan also disclosed that the University received gifts totaling a record \$62 million for the fiscal year ending June 30 — 13 percent above the \$55 million received in 1988-89. No pledges are counted in this amount.

"The Campaign has been an overwhelming success by virtually every measure," Dr. Jordan said. "It has

strengthened Penn State across the board and helped to secure its place as one of our nation's finest public universities."

"And closing out the Campaign with a record year of giving sets the pace for our ongoing fund-raising efforts in the years ahead."

Of the \$352 million, about \$110 million or 31 percent has been designated for academic enrichment, which includes support for research programs and curricular innovation. About \$85 million or 24 percent is targeted for facilities and equipment, including new and refurbished buildings, classrooms and laboratories.

Donors gave about \$49 million or 14 percent of the total to endow faculty positions. Endowed chairs, professorships

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Affirmative Action Office director is appointed

Bonnie P. Ortiz, administrative officer for the Division of Intercollegiate Athletics at the University of Wisconsin-Madison, has been named director of the Affirmative Action Office, effective Sept. 1.

"We are delighted to have Bonnie Ortiz head our affirmative action efforts at Penn State. She brings extensive administrative office experience and sensitivity to the position. We look forward to working with her on new and existing ventures to ensure an equitable and productive climate for all faculty and staff," Dr. Robert E. Dunham, vice president and vice provost of the University, said.

Reporting directly to the President through the vice president and vice provost, the affirmative action officer is responsible for the administration and effectiveness of the University's equal employment opportunity and affirmative action program for all faculty and staff members at all campus locations.

Ms. Ortiz will be responsible for implementing and maintaining the University's Affirmative Action Compliance

Plan, monitoring reporting systems to outside agencies and investigating allegations of discrimination in violation of University policies and regulations.

As administrative officer for the Division of Intercollegiate Athletics at the University of Wisconsin-Madison since 1989, she was responsible for the reorganization of the administrative structure of the division, including establishing personnel policies and practices and reviewing and updating all position descriptions.

Ms. Ortiz served as acting director of the university's Office of Affirmative Action and Compliance from 1987 to 1989. As such, she was responsible for the planning and preparation of annual university, federal and state affirmative action plans. She conducted investigations and interviews concerning discrimination based on race, age, handicap, sex or sexual orientation and worked with supervisors and colleagues toward problem resolution. She also conducted training sessions on discrimination, assisted campus units with recruitment, spouse employment and

served as a liaison between the university and community groups.

(Continued on page 3)



Bonnie P. Ortiz

Focus on Diversity

Researchers compare students' racial consciousness

African-American students attending predominantly white colleges are not unlike their peers at traditionally Black colleges in understanding the significance of Black History Month, career options or celebrating the release of Nelson Mandela, according to University researchers.

In their research, **Harold E. Cheatham** and **Robert B. Slaney**, professors of counseling and educational psychology, and **Nancy Coleman**, a doctoral candidate, note that African-American students attending a predominantly White college are equal or have comparable racial consciousness and personal development as African-American students attending traditionally Black colleges. The findings conflict with popular beliefs and previous research reports that African-American students attending traditionally Black colleges have stronger

racial consciousness and personal development because of a more sensitive and supportive collegiate environment.

"For years, it has been often cited in the popular press, based on findings of some studies and speculation, that traditionally Black institutions provide a more nurturing environment than predominantly White institutions," Dr. Cheatham said. "Therefore those students have a stronger racial identity."

"But our research does not confirm this. Placing African Americans in what they perceive as a more supportive environment doesn't mean they will experience greater development or racial identity."

The study compared the racial consciousness, career decidedness and psycho-social development of 250 African-American students in collegiate

environments at one predominantly White and one traditionally Black institution.

Results show that African-American students, whether enrolled in traditionally Black institutions or predominantly White institutions, experience a comparable rate of development in the areas of racial consciousness, interpersonal relations, intellectual maturity and career awareness.

"We found a greater difference in psychosocial, intellectual and career awareness development between the freshmen and seniors at both types of institutions, than between students in different collegiate environments," Dr. Slaney said. "Third- and fourth-year students at both types of institutions experienced greater development than first- and second-year students."

Third- and fourth-year African-American

students were more decided on careers and had a higher involvement in relating their educational plans to occupational plans, according to the study. In addition, African-American women were found to be more decided on a career by the third year than were African-American men.

In other areas, African-American women reported more beneficial lifestyles at traditionally Black women's institutions than at predominantly White institutions. African-American men were found to have more beneficial lifestyles in coeducational, traditionally Black institutions than at predominantly White institutions. Drs. Slaney and Cheatham say these results match results of previous studies.

The researchers recommend further study to determine what collegiate environments are better for certain types of students.

'A Raisin in the Sun' will be telecast July 25 on WPSX-TV

When Lorraine Hansberry's searing drama "A Raisin in the Sun" opened on Broadway in 1959, no one could foresee the impact this production would have not only on the American theatre, but on race relations in America as well. It was the first play written by a black woman to reach Broadway audiences, and the first commercially successful, serious black drama.

Opening when the simmering civil rights issue was about to explode all across America, the play presented white

audiences with a portrait of black Americans to which they had not been exposed earlier. It also brought a new black audience into the theatre where, for the first time, they could accurately see themselves. Its vivid depiction of a black family contemplating a move into an all-white neighborhood stirred millions.

"American Playhouse's" three-hour version of Hansberry's award-winning drama, starring Danny Glover and Esther Rolle, will have an encore broadcast at 9 p.m. Wednesday, July 25, on Channel 3.

Minority scholarships are available

The Office of Education Abroad Program, with funding from the Equal Opportunity Planning Commission, was able to award a number of Minority Scholarships to study abroad participants this year.

Awards were given to three students for Spring 1990 programs, five students for Fall 1990 programs, and to thirteen students in three summer programs: the Summer Abroad program in Todi, Italy, the Western Economy in Oxford, England, and the European Criminal Justice program in The Netherlands.

Effective this fall, minority students should apply directly to the Office of Education Abroad Programs if they want to be considered for an EOPEC Education Abroad Scholarship, African-American, Hispanic-American, Asian and Pacific

Islanders and Native-American students who are U.S. citizens and who have been accepted for either a summer, fall, spring, or academic year Penn State program are eligible to apply.

The scholarships are **need-based**. Students' financial needs will be evaluated by the EOAP staff in cooperation with the Offices of Student Aid and Loans and Scholarships. EAP Minority Scholarships are dependent on the amount of funding received from the EOPEC each year.

The application deadline for EAP Minority Scholarships is: spring semester scholarships, Oct. 1, 1990; summer scholarships, March 1, 1991; fall/academic year scholarships, May 15, 1991.

Applications are available at 222 Boucke Building.

Minority students program piloted at York Campus

Preparing minority students for post-graduate education and jobs in the technical industries of York is the goal of a new program being piloted at the Penn State York Campus.

The program, Minority Opportunities in Engineering, Science and Technology (MOEST), will provide minority students with increased opportunities in math and science beginning as early as seventh grade.

Students will be selected for the MOEST program as they enter seventh grade and then be followed through college, whether it be a community college, technical school or a university and into their first job.

MOEST, under the direction of William Lee Smallwood, Continuing Education area representative at the York Campus and a York city councilman, was developed in response to a need in York area industries for personnel trained in math and science based skills. The program is being

The program is being supported for the first year by a \$60,000 grant from the Caterpillar Foundation.

supported for the first year by a \$60,000 grant from the Caterpillar Foundation, a philanthropic arm of Caterpillar Inc., a Fortune 500 company with a division in York.

"Our goal with MOEST is to be able to provide a better educated workforce," said

Mr. Smallwood, a York native. "With these particular students we want to be able to prepare them for the workforce by helping them get into college, technical trade schools or entry-level employment where they can be successful and stay in their own community if they choose to do so. We're helping to guarantee a future for York."

The pilot program which gets under way this summer includes 25 students from Hannah Penn Middle School in York who meet the eligibility requirements.

"The campus will put together a course of study for both the York City School District and the campus," Mr. Smallwood said. "Students will attend two classes per week after school hours -- one class in math and the other in science."

During the summer months, MOEST staff will continue to develop curriculum and schedule counseling and guidance

sessions with MOEST students and parents. Parents will be encouraged to be directly involved in MOEST with special Saturday sessions, social activities, field trips and programs throughout the school year to discuss strategies to assist their children academically.

Parents will be involved every step of the way to ensure they are able to provide the support their children need to succeed," Mr. Smallwood said. "If parents have an understanding of what's expected of students, they will be able to encourage them to be more productive."

When fully operational, in six years, the MOEST program plans include working with at least 30 students annually in each of grades seven through 12 at the two Middle Schools and William Penn Senior High.

College of Medicine students are honored for service

Black/African-American and Hispanic medical students at the College of Medicine at the Hershey Medical Center have been honored for extraordinary community service this year.

For planning and coordinating a range of Black/African-American and Hispanic community activities from essay contests to blood pressure tests during the 1989-90 academic year, they were named winners of the Student National Medical Association's Region 8 Outstanding Community Service Award at the national convention in Atlanta.

A national organization for minority medical students, the SNMA is one of the largest organizations of its kind in the nation. The Penn State chapter, which has

more than 20 medical and graduate students, is located in one of the smaller minority communities within Region 8. To reach a larger minority community, the students worked with residents in Hershey and nearby Harrisburg to conduct activities.

Throughout the academic year, the chapter sponsored blood pressure tests, clothing drives, a Martin Luther King essay competition with Milton S. Hershey middle school and a Harrisburg high school, and Black History Month activities for local minority and non-minority residents of all ages. The students also adopted two families at Christmas; providing food, clothing and gifts; sponsored cultural lectures; and created a cultural art display at

the entrance of the Medical Center's widely used library.

"It seems like quite a task, when you consider the relatively small size of our chapter," Patricia Witherspoon of Hamden, Conn., a second-year medical degree candidate and president of the Penn State SNMA chapter, said. "But we just did everything one day at a time."

Eric Johnson, who graduated May 13 with a medical degree in orthopedic surgery, said, "Community service is an obligation of Black/African-American professionals. Those who make it must give back. We Black/African-Americans in Penn State's College of Medicine talk about this as a group, and we know that we have to help each other."

Tracy Collins of Philadelphia, who also received her medical degree in obstetrics gynecology, agrees.

"Many of us are the first college graduates in our families. We have to serve as role models in the Black/African-American community and inspire others," said Ms. Collins, who also attended Penn State as an undergraduate.

Frank Hamlett of Utica, N.Y., a medical degree student in internal medicine, said he was doing his clinical rotation in a Cleveland clinic when he realized the importance of role models.

"It's hard to believe how encouraging it can be when you see lots of caring Black/African-Americans as role models," he said, noting that both his parents are nurses.

Campaign for Penn State

(Continued from page 1)

and faculty fellowships increased from 19 to 140 during the Campaign.

About \$42 million or 12 percent went for scholarships, graduate fellowships and other kinds of student aid. Scholarship funds have increased from about 400 to more than 1,100 during the Campaign and are supporting some 5,500 Penn State students.

The remaining \$66 million, or 19 percent of the total, is targeted for a variety of purposes, including the University Libraries, programs that promote cultural diversity and other areas of critical need.

More than 187,000 alumni and other individuals gave or pledged about \$157 million or 45 percent of the Campaign total. Corporations accounted for \$134 million or 38 percent, foundations \$35 million or 10 percent and other organizations \$26 million or 7 percent.

G. David Gearhart, senior vice president for development and University relations, noted that the \$62 million received in 1989-90 was nearly seven times larger than the \$9.6 million in donations made by Penn State in 1979-80.

The Campaign called attention to the importance of private support at Penn State, and our alumni and friends responded with extraordinary generosity," he said. "They recognized that we can't rely exclusively on public appropriations and student fees and still offer a margin of excellence in instruction, research and public service.

Dr. Gearhart noted that the Campaign for Penn State is one of only five public university campaigns with goals of at least \$300 million. The others are the University of California, Berkeley; Ohio State; the University of Minnesota; and UCLA.

The end of the Campaign doesn't mean that we'll cease our fund-raising efforts," he said. "On-going private support is crucial to

many of our programs and to competing successfully with other universities for the best faculty and students. We expect to launch a series of special fund-raising campaigns in the next year or two that focus on our most critical needs.

Dr. Jordan pointed to the efforts of volunteers as another reason for the Campaign's success.

The Campaign involved more than 1,100 alumni volunteers from coast to coast, he said. They helped to identify potential donors, made personal solicitations and provided expertise in numerous other areas.

Dr. Jordan singled out for special praise Campaign Chairman William A. Schreyer, chairman and chief executive officer of Merrill Lynch & Co. Inc. and a 1948 Penn State graduate.

Bill Schreyer's inspirational leadership has been invaluable. He has shown a remarkable ability to get people of varying backgrounds and talents to work together in a common cause. We are very grateful to Mr. Schreyer for all that he has done for Penn State.

Dr. Jordan also noted the important strategic leadership shown by the Campaign Planning Group: Campaign Vice Chairmen Edward R. Hintz, president of the New York investment firm of Hintz, Holman and Hecksher Inc.; Joseph V. Paterno, Penn State head football coach, and Frank Smeal, limited partner in Goldman, Sachs & Co.; Campaign Treasurer Robert E. Eberly, chairman of the board of Gallatin National Bank of Uniontown, and Chairman of the Challenge for Annual Support Robert W. Moore, recently retired as president of Financial Executives Institute of Morristown, N.J. All but Coach Paterno are Penn State graduates.

The Campaign for Penn State was the first major, comprehensive fund-raising effort in the University's 135-year history.

Board of Trustees to consider proposed tuition increase

The Board of Trustees will be asked to approve an across-the-board six percent tuition increase for the 1990-91 academic year.

For Pennsylvania full-time undergraduate students at University Park, Behrend College, and Capital College, tuition for the 1990-91 academic year will be \$3,978 for two semesters, an increase of \$224 or six percent. Pennsylvania students attending any of the University's 17 Commonwealth Campuses will pay an additional \$218 per academic year, from \$3,034 to \$3,852. Pennsylvania graduate students will pay an additional \$252 per academic year, beginning this fall, from \$4,198 to \$4,450.

The tuition of out-of-state undergraduate students will also increase six percent, from \$7,900 to \$8,374. Graduate students from out-of-state will pay \$8,890, compared with \$8,388 from last year.

Pennsylvania medical students will pay an additional \$1,000, with annual tuition rising from \$12,544 to \$13,544. Out-of-state M.D. students will pay \$19,442, compared with \$18,442 over last year.

Students in some programs, such as upper division and graduate students in engineering, also pay a surcharge. No

increase was proposed for those surcharges this year.

"Although Penn State receives the lowest appropriation per student of any public college or university in the state, we think keeping tuition to a six percent increase will still allow us to continue to provide one of the very best educational opportunities in the nation," according to President Jordan.

"The tuition increase is part of a budget that we think is both sensitive to the needs of the University and to the needs of the University's students," Jordan said. "In this fiscal environment, Penn State has had to manage very closely to contain costs and to cut them whenever possible, while at the same time continue its forward momentum as an institution poised among the ranks of the very best public research universities in the nation."

As part of its tuition structure, Penn State will again this year set aside two percent of the tuition increase -- or \$270,000 -- for the Tuition Assistance Program. This program provides aid for undergraduate students who might not be able to continue their studies because of rising tuition.

Card catalog souvenirs are available

In preparation for the removal of the now outdated card catalogs from the University Park libraries this August, the University Libraries is offering interested faculty and staff members the opportunity to collect a "piece of library history."

Limited sections of cards from the card catalogs will be available to faculty and staff members on a first come, first-serve basis. This offer is especially pertinent to those faculty and staff members who have

worked extensively with various sections on the card catalogs.

If you are interested in obtaining a section of these cards, please contact Sandy Stauffer in the office of Torre Merigolo, assistant dean and head, Collections and Reference Services, ES05 Pattee, 805-0401, by July 27. Please be prepared to indicate the specific author or subject sections that you are interested in receiving. Those cards not taken will be recycled.

Affirmative action

(Continued from page 1)

From 1983 to 1987 she was an institutional planner and from 1980 to 1983 an academic support specialist in the Office of Budget, Planning and Analysis, also at Wisconsin-Madison, where she worked on affirmative action documentation, goal setting and analysis as well as affirmative action compliance reports.

In addition, she has worked on evaluation research and administration for the department of rural sociology and has served as student records monitor for the School of Journalism at Wisconsin-Madison.

Ms. Ortiz received bachelor's and master's degrees in consumer sciences from the University of Wisconsin-Madison in 1987 and 1979 and a number of honors and awards, including the Viola Jurgeson Baker Graduate Scholarship and the Verdel Frazier Young Award. She is a member of Omicron Nu Honorary Society.

College of Education completes reorganization

The College of Education has completed a reorganization of its academic divisions and has named new department heads.

The realignment is to allow for the establishment of six academic departments to replace the three divisions and one department that formerly existed, according to Rodney J. Reed, dean of the College.

"Our goal is to become second to none in research, teaching and service," Dean Reed said.

The new department heads and reorganized departments are: **William Caldwell**, Administration, Policy, Foundations and Comparative/International Education; **Francis Dwyer**, Adult Education and Instructional Systems; **Edwin Herr**, Counselor Education, Counseling Psychology and Rehabilitation Services Education; **Cecil Trebblood**, Curriculum and Instruction; **John Salvia**, Educational

and School Psychology and Special Education, and **Fred Welch**, Vocational and Industrial Education.

Dr. Caldwell, professor of education, has been a member of the University faculty since 1969. He earned his bachelor's degree in mathematics from Eastern Nazarene College, master's of education degree from University of New Hampshire and Ph.D. in administration from New York University. Dr. Dwyer, professor of education, has been a member of the faculty since 1979. He received a bachelor's degree from North Adams State College, a master's degree in educational psychology from Massachusetts State College and a doctorate in educational administration from Penn State.

Dr. Herr, professor of education, has been a member of the faculty since 1968. He earned his bachelor's degree from Shippensburg University, and master's and doctor of education degrees from the

Teachers College at Columbia University.

Dr. Trueblood, professor of education, has been a member of the faculty since 1967. He earned his bachelor's degree in elementary education from Shippensburg University and master's and doctor of education degrees in educational administration from Penn State.

Dr. Salvia, professor of special education, has been a member of the faculty since 1972. He received his bachelor's degree in education and master's degree in education and history from Arizona University and his doctorate in education with special-education emphasis from Penn State.

Dr. Welch, professor of vocational education, has been a member of the faculty since 1970. He received his bachelor's degree in industrial arts from Gorham Teachers College, master of education from University of Maine and doctor of education from Penn State.

Budget

(Continued from page 1)

funds for merit, market, equity, and location considerations.

-\$5.8 million for program needs. Approximately 80 percent of that amount will go to the academic colleges, schools and campuses, primarily to address workload problems.

-\$419,000 for student aid. Of this amount, \$270,000 will go to the Penn State Tuition Assistance Program established by the Board in 1987-88. Under this program, a total of 2 percent of the income received from tuition rate increases will be used as aid for students who might not otherwise be able to continue their studies because of the

increase. Also, an increase of \$36,000 was designated to increase the Black Incentive Grants and Black Achievement Awards.

-\$2 million in reallocations. This is available mainly due to a decrease in mandated employer contributions to the State Employees Retirement System.

-\$5.5 million in expense offset by income. The principal component of expense offset by income is the new computer fee. The income from the fee will be set aside in a permanent fund dedicated to the upgrading of computer equipment and facilities. In 1990-91, these funds will help to provide funds to pay for three new mainframe computers -- the Center for Academic Computing, for the LIAS system operated by the University Libraries, and for

Management Services. Through the strategic planning process it has been determined that approximately \$4 to \$5 million will be needed annually for the foreseeable future to keep up with -- rapid changes in computer technology.

In addition to the general funds budget of \$775 million, the total operating budget of \$1,239 billion consists of:

- \$10.2 million in federal funds for agricultural research and extension.
- \$27.3 million for the Pennsylvania College of Technology. This is formerly the Wilmsport Area Community College, which has become an affiliate of Penn State.

-\$25 million in restricted funds. This includes research grants, contracts, vocational education funds, restricted

gifts, and restricted endowment income.

- \$122.2 million for auxiliary enterprises. This includes self-supporting budgets representing sales and services primarily to individuals, such as Housing and Food Services, bookstores, Intercollegiate Athletics, Nittany Lion Inn and airport operations.

- \$273.4 million for the Milton S. Hershey Medical Center. The Hershey budget includes \$48.0 million for the College of Medicine; \$152 million for the University Hospital; \$14.9 million for Elizabethstown Hospital; \$1.0 million for the Central Pennsylvania Psychiatric Institute; and \$50 million for auxiliary enterprises. Copies of the University's new budget will be made available for public inspection in the libraries of Penn State's 23 locations across the state.

University named NASA National Space Grant College

The University has been recognized as a NASA National Space Grant College.

E. Julius Dasch, NASA program manager, National Space Grant College and Fellowship Program, presented Charles Hosler, acting executive vice president and provost, with a plaque during a brief ceremony June 29 at University Park.

Charles R. Fuget, deputy secretary and commissioner of higher education, Pennsylvania Department of Education; and Rep. William Goodling and Robert Walker, Pennsylvania congressmen, also presented brief remarks.

The plaque will be on public display in the lobby of Pattee Library. The display also will include objects from space-related projects conducted by faculty members, students and alumni. In addition, an exhibit opposite the main desk in the Hetzel Union Building will focus on NSGC programs as well as space-related efforts at the University. Both exhibits will remain in place through July.

Penn State was named a Space Grant University last fall along with the Massachusetts Institute of Technology and the University of Washington. They were the only individually designated Space Grant Colleges, although 78 other U.S. institutions are part of the program through 17 consortia.

The National Space Grant College and Fellowship Program, established by Congress in 1987, created a national network of universities with interests and capabilities in aeronautics, space and related fields.

Penn State received a \$1.25 million renewable grant over five years as a Space Grant College as well as \$100,000 annually to support Space Grant Fellowships.

Dr. Hosler oversees the program. Wesley C. Hymer is director; Sylvia Stein is executive director, and Richard McCarl is in charge of the fellowship program.

"The goals of the Space Grant College program," Dr. Stein, said, "are to increase the understanding, development and utilization of space resources; to encourage interdisciplinary training, research and public service in space-related areas; to recruit and train professionals for careers in space-related areas; and to promote a strong science, mathematics and technology educational base from elementary through university levels."

Penn State's National Space Grant College programs currently include:

- the Summer Space Academy, a free, residential, research internship program for academically talented high school juniors and seniors;

- a new course, "Space -- A Last Frontier," for non-science undergraduates that will expose them to the wide diversity of subjects and opportunities in space-related fields;

- space current events and information programming for public television stations through "What's In The News," a nationally recognized show for 4th, 5th and 6th grade students produced by WPSY-TV.

- a speakers bureau, statewide classroom visitation programs, teacher training workshops, and other efforts designed to encourage students to choose space-related careers and foster public understanding of the space program.



Charles Hosler, left, acting executive vice president and provost, accepts a plaque from E. Julius Dasch recognizing the University as a NASA National Space Grant College. (Photos: Greg Grieco)



Thomas D. Salada, senior research aide, Department of Molecular and Cell Biology, conducts an experiment under the watchful eyes of, from left, Jennifer Hampton, Irphan Gaslightwala, Suzanne Gerber, and Suzy Grandos, who were among the first participants in Penn State's Summer Space Academy, a project supported by the National Space Grant College.

Caution issued on contracting Lyme disease

With more people in the outdoors during the summer months, the Department of University Safety is advising the University community of the increasing number of Lyme disease cases.

"At least one University employee has contracted Lyme disease and there is another reported case in the area," Howard O. Triebold Jr., assistant-director for environmental health and safety, said.

"Anyone who spends much time outdoors may develop the disease. However, it is preventable and can be treated easily when detected early."

Lyme disease is a relatively new tick-transmitted disease. In humans it causes a

variety of symptoms, including headaches, fever, general malaise, a characteristic red rash, and arthritis. If left untreated, it can result in heart damage and damage to the nervous system.

According to Harry McDermott, director of University Health Services, the number of Lyme disease cases is increasing, with some 1,500 cases reported nationally in 1988. "Six to eight percent of those contracting the disease don't know they have it," he said.

Mr. Triebold suggests a number of preventative measures for those working, camping or hunting in the outdoors. These include wearing long pants, long-sleeved

shirt, hat, socks, and closed shoes; wearing light colored clothing to help in detection of ticks; spraying clothing with an insect/tick repellent; after returning from the woods, shower and inspect your body for ticks.

More information on the disease, its symptoms and preventative measures is contained in Lyme Disease, Extension Circular 366, published by Penn State Cooperative Extension. It is available from the Publication Distribution Center, 112 Agricultural Administration Building, University Park.

College of the Liberal Arts secures challenge grant

The College of the Liberal Arts has raised private funds to secure a \$1 million challenge grant from the National Endowment for the Humanities and will create eight endowed professorships.

The Edwin Erle Sparks Professorships, named to honor the University's eighth president (1908-1920), will be established in the fields of history, English, French, German, Spanish, ethics in philosophy, Slavic languages and rhetoric in speech communications. Each position requires \$250,000 to be endowed.

In 1985, the NEH pledged to give up to \$1 million -- its largest grant that year -- for faculty support, provided the college could secure \$3 million from private sources within four years.

"The creation of these professorships shows what can be accomplished by joint efforts of the public and private sectors," President Jordan said. "These positions will significantly enhance the national visibility of the liberal arts at Penn State and will have a broad impact as they strengthen research and instruction throughout the college."

Hart Nelsen, dean of the college, said each department in the humanities now has



President Jordan announces creation of eight Edwin Erle Sparks Professorships in the College of the Liberal Arts. (Photo: Greg Grieco)

at least one endowed chair or professorship, including the Sparks professorships, thanks

to the stimulus of the NEH challenge. Dean Nelsen pointed to the generosity of

the many donors whose contributions enabled the challenge to be met.

"We're extremely grateful to our many alumni and friends and to the numerous corporations and foundations whose gifts were used to match NEH funds," he said. "This is truly a milestone for the College of the Liberal Arts."

Although many of the gifts were designated for other faculty endowments, Dean Nelsen noted, they still counted toward NEH requirements. Support for the Sparks professorships came from undesignated funds.

These professorships will be used to attract and retain scholars who have national or international reputations, and who in turn will attract excellent students," he said.

According to Dean Nelsen, the first appointments are likely to be made in the 1990-91 academic year. The college now has 20 endowed faculty positions. The University has about 140 overall.

Edwin E. Sparks, trained as a historian at the University of Chicago, assumed the presidency of Penn State in 1908. Under his leadership the School (later College) of Liberal Arts was established in 1909.

The Campaign for Penn State

Couple provides funds for development of telescope

A Penn State alumni couple has designated \$225,000 to support the development of a unique telescope that will be built for a fraction of the cost of most large telescopes.

Sarah Koch Avril and her husband, Willbur, who live in Romeo, Mich., suggested distributing the funds from proceeds of the Carl E. Koch Charitable Lead Trust. Mrs. Avril is the niece of Carl Koch and a beneficiary of the trust.

The Spectrographic Survey Telescope

(SST), conceived and designed by two University astronomers, will consist of 85 small mirrors arranged in a large, lightweight framework to form one mammoth reflective surface. The \$8.2 million SST, devoted exclusively to spectrographic analysis, will have more than twice the light gathering power of any current telescope at one-fourth the cost of other new-technology instruments being developed.

Spectroscopic analysis of light from

celestial sources provides information vital to studies of the origin of stars and planets; the nature of black holes; the physical properties and energy source of quasars; and the size and age of the universe.

Mrs. Avril graduated from Penn State in 1964 with a bachelor's degree in education. Mr. Avril, who is a vice president in the trust division of the National Bank of Detroit, earned a bachelor's degree in forestry from the University in 1963 and a master's degree in economics in 1965. He

serves on the planned gift committee of The Campaign for Penn State.

Mrs. Avril and her brother, Robert, who also is a Penn State graduate, are the children of the late Howard W. Koch of Pittsburgh, an alumnus and longtime supporter of Penn State.

Developed in conjunction with astronomers at the University of Texas at Austin, the SST is being built at the MacDonald Observatory in west Texas.

Siegel gift to support advising center

Stephen and Wendy Siegel of New York City have donated \$25,000 to the Undergraduate Advising Center in the College of Health and Human Development. The funds will be used to support professional development for the center staff and improve the physical facilities of the center.

"I believe this is the first significant gift ever designated for advising at Penn State and is perhaps the largest contribution made for this purpose at any university in the country," Linda C. Huggins, director of the Advising Center, said.

The Siegels' contribution will allow every member of the advising center's staff to participate in at least one professional conference each year for the next three to

five years. It also will provide for better facilities where the staff conduct more than 7,500 advising sessions annually.

The Advising Center's staff of five professional advisers provides academic counseling for undergraduate students in the college, as well as for students in other colleges who are considering enrolling in Health and Human Development majors. In addition, the Advising Center provides information on the college's undergraduate programs to parents, prospective students, and University faculty and staff.

Stephen B. Siegel is president and chief executive officer of Chubb Realty Inc. in New York. Wendy Morris Siegel is a 1975 Penn State graduate from the College of the Liberal Arts.

In College of Agriculture Gift endows scholarships

Alec and Lexi Belasov of Birmingham, Mich., have given Penn State \$25,000 to provide scholarships in the College of Agriculture.

The Alec and Lexi Belasov Scholarship in Agriculture will be awarded annually to outstanding students enrolled or planning to enroll in the college who participate on a varsity athletic team as players or team managers.

"We want to give recognition to agriculture students involved in varsity sports who don't receive full financial support," Alec Belasov says.

Mr. Belasov graduated from Penn State

in 1955 with a B.S. in agricultural economics. He is a member of the Penn State Alumni Association and served on the Campaign for Penn State's national campaign committee and biotechnology leadership committee.

This is the second Penn State scholarship the Belasovs have endowed. The Belasov Family Scholarship in Food Science, established in 1987 with a gift of \$50,000, provides annual scholarships to outstanding students who major in food science.

The Belasovs are members of the Mount Nittany Society, which recognizes the highest levels of giving to the University.

Company contributes design software

Alias Research Inc. of Toronto has given \$181,500 in state-of-the-art design software to the College of Engineering.

Alias Research, a Canadian high tech company, is the developer of ALIAS, the leading software for industrial design, animation, engineering simulation and scientific visualization.

"Penn State offers a truly unique situation for ALIAS software," Raymond J. Miller, Alias eastern district sales manager, said. "Because it will be used by both technical and nontechnical people in a creative design situation, its flexibility and usability will be tested to the limit."

The Alias software package will be used in the visual engineering lab, a design laboratory that attracts students from throughout the University. The lab is directed by Rob Fisher, engineering artist in

residence and the William L. Weiss Fellow.

The Alias software is a leading three-dimensional animation package, designed for use with workstations from Silicon Graphics Inc. Designed to create, render and animate complex objects and scenes, it has photorealistic, 3-D and video capabilities.

The Penn State visual engineering lab, established in 1989, stresses the development of design abilities and aesthetics, so both scientific and artistic applications will be in use, Mr. Fisher said.

"Engineering demands an ability to think three dimensionally. Graduates have to be able to visualize, interpret and analyze complex relationships between three dimensional objects. Alias software helps us teach these skills using computer visualization and animation."

Louis and Sally Michael of Lake Worth, Fla., have given \$194,000 to endow a graduate fellowship in the College of Engineering.

Louis Michael, a Uniontown native, graduated from the University in 1925 with a degree in mechanical engineering and had a 41-year professional career. "I gained much more than my education in engineering through my Penn State experience," he said. "It's been a major factor in whatever I may have achieved afterward, and this fellowship is a good way for us to give something of that back."

Mr. Michael began his career with the United States Steel Corp. He entered government service in 1942 as a civilian engineer in the U.S. Army Ordnance Corps. During World War II, he monitored the production of armor-piercing shells.

After the war, following the creation of the U.S. Army Material Command, he was

reassigned to the Research and Development Division, Missiles Branch. The assignment involved development of missile test equipment including that for the electronics of the Nike Zeus antimissile system. He retired in 1966.

"Lou and Sally Michael have set a fine example for young engineers and their families," Dean John A. Brighton said. "We are delighted to have their names become a part of the college through this endowed fellowship."

Mr. Michael also is a recognized artist and portraitist. Among his seven works at University Park are a portrait of engineering alumnus Bayard D. Kunkle in the College of Engineering's Kunkle Lounge and a painting of an abandoned coal tipple near Uniontown, "Sepulchre of the King," which hangs in the Earth and Mineral Sciences Museum.

Focus on the arts

Crafts demonstrations

Craftworkers from around the state will present live demonstrations of their crafts at University Park today through Saturday during the Central Pennsylvania Festival of the Arts.

The demonstrations represent many of the crafts included in the exhibition, "Craft and Community: Traditional Arts in the Contemporary Society," on display at the Palmer Museum of Art through July 22. Held in conjunction with this exhibition, the demonstrations will run from noon to 8 p.m. on Thursday and 10 a.m. to 8 p.m. on Friday and Saturday in the Museum's tent located on the festival's Pollock Road sidewalk sale route.

Four of the craftworkers have work included in the exhibition. They are Ernest Gabler, riverboat model building; Susan Leviton, Jewish certificate painting; Joseph J. Zebrowski, apprentice in gunsmithing; and Boalsburg resident Bob Moore, Native American leather and beadwork.

Terence Cameron, whose Caribbean steel drum-making technique is documented in the exhibition, will perform with his band, Steel Kings USA, at 7 p.m. Friday, July 13, at the Centre Stage in the Central Parklet between Fraser and Foster Streets in downtown State College.

Other crafts represented in the Museum's exhibition will be demonstrated by regional craftworkers whose work is not included in the exhibition itself. They are: Nicholas Miskovsky, Ukrainian egg writing or pysanky; William W. Kennedy, master in gunsmithing; Nadia Wolynce, Ukrainian embroidery or nyzenka; Moses Rascoe, blues guitar; Violet Kestelater, Lois Pick, the Rev. Harry Bingham and Fannie Chupp, tatter.

Rhetoric conference

The ninth national Conference on Rhetoric and Composition continues today and Friday at University Park.

The conference's second plenary session opens at 8:30 a.m. today in Room 121 Sparks Building. Major speakers are Lee Odell, professor of language and literature at Rensselaer Polytechnic Institute, who will speak on "Evaluation Across the Curriculum: Writing vs. Content," and John Trimbur, veteran writing program administrator and teach at Worcester Polytechnic Institute in Massachusetts, who will discuss "Composition Studies: Postmodern and/or Popular."

Linda Flower, professor of English at Carnegie Mellon University, is the major speaker for the third session at 3:30 p.m. today in 121 Sparks. Her address is titled

"Collaborative Planning and the Construction of Negotiated Meaning."

The fourth session at 1:30 p.m. Friday in 121 Sparks, will feature Lester Faigley, who teaches in the graduate rhetoric program at the University of Texas at Austin. He will present a talk, "In the Turbulence of Theory."

The final session will open at 4:15 p.m. Friday in 112 Kern. Key speakers are Walter Beale, professor of English at the University of North Carolina at Greensboro, who will speak on "What's Wrong with Freshman Composition?" and Winifred Bryan Horner, of Texas Christian University, who will discuss Literature and the Technology of Writing.

Kathleen Hall Jamieson, dean of the Annenberg School for Communication at the University of Pennsylvania, was the conference keynote speaker. John Harwood, associate professor of English, serves as conference coordinator, and a number of University faculty members are session chairpersons.

The arts on Channel 3

Evening at Pops, airing at 9 p.m. Friday, July 13, celebrates conductor John Williams' 10th anniversary with the Boston Pops Orchestra with a special salute to Williams' talents as a composer of Hollywood film scores. His most frequent collaborator, director Steven Spielberg, toasts his long association with Williams, as the Boston Pops Orchestra offers musical accompaniment to clips from several Spielberg-Williams movie hits.

Harmonica player Toots Thielemans recreates his performance from Williams' soundtrack to Sugarland Express, Spielberg's first film. And singer Maureen McGovern caps off the festivities with a Gershwin tribute and a rendition of her hit, "Can You Read My Mind?" composed by Williams for the film, *Superman*.

Cezanne: The Riddle of the Bathers, with host E.G. Marshall, a co-production of WPSX-TV and Inter TV AG of Basel, Switzerland, in association with the Kunstmuseum, Basel, Switzerland, explores the obsession of the artist Paul Cezanne with the theme of male and female bathers. This 60-minute program, airing at 10 p.m. Tuesday, July 17, features more than one hundred important works by one of Impressionism's leading artists.

The program is based on the exhibition *Cezanne: The Riddle of the Bathers*, conceived by art historian and University faculty member Mary Lou Krumrine, and held in fall 1989 at the Kunstmuseum in Basel, Switzerland.

Altoona summer theatre

The Altoona Campus Summer Repertory Theatre will present *The Taming of the Shrew* and *Blithe Spirit* in alternating repertory from July 13 through July 22 at 8 p.m. in the Paul R. and Margery Wolf Kuhn Theatre in the Community Arts Center on campus.

Nona Gerard and Jeff Keane, assistant producers of theatre arts, have been rehearsing with professional, intern, and community actors on the two shows.

The Taming of the Shrew, Shakespeare's favorite comedy, will be presented on July 13, 15, 18, 20, and 22.

Blithe Spirit, the best-known play by the master of modern comedy, Noel Coward, will be performed on July 14, 17, 19, and 21.

Tickets are \$6 for adults and \$3 for students, children, and senior citizens. Call (814) 949-5555 for ticket information.

'Stars of Summer'

The Summer Sessions, in cooperation with the Department of German, presents Austrian writer Josef Haslinger, who will speak on Austrian literature and read selections from his works.

His talk is scheduled for 8 p.m. Monday, July 16, in Room 101 Kern Building at University Park. The reading will be held at 8 p.m. Thursday, July 19, in Room 124 Sparks Building.

Josef Haslinger, who resides in Vienna, was born in Zwielt in Austria and grew up on the family farm. Interest in literature led him to study theater, German literature, and philosophy at the University of Vienna.

In 1977, he became an editor of the Viennese literary magazine *Westermann* and has since served as general secretary of the "Grazer Autorenversammlung." In 1984 he was awarded the Theodor Körner Prize by the city of Vienna.

Mr. Haslinger's most recent work, *Politik der Gefühle*, a book-length essay on Austrian politics, from 1945 to the controversial election of Kurt Waldheim as president, appeared in 1987. In 1989 he served as German writer-in-residence at Oberlin College.

Public lecture

Garth St. Omer, Penn State minority scholar in residence for the 1990 summer session, will give a public lecture on his novel in progress, *Prisoners*, at 8 p.m. Thursday, July 19, in 101 Kern Building at University Park.

Dr. St. Omer, professor of English at the University of California in Santa Barbara, is a well-published novelist and a scholar in African, Caribbean and Black American fiction. He holds a doctorate from Princeton University.

During the six-week summer session, he is teaching the course English 597C, "The American African and Caribbean Novel in Its Colonial Context."

Fred Waring's chorus

Fred Waring's U.S. Chorus 1990 will perform a concert for public television at 4 and 8 p.m. Sunday, July 22, in Eisenhower Auditorium at University Park. Presented by WPSX-TV Channel 3, the program titled "Discovering America" will be videotaped for broadcast on public television stations nationwide this fall.

"In his latter years, working with the younger people gave Fred the most enjoyment and he talked with me about a dream he had of a chorus of kids from all over the United States," Fred Waring's wife, Virginia, said.

Every summer since 1965, the most gifted young vocalists from across the United States have been selected by competitive audition to come to Penn State for two weeks to study on full scholarship with Mrs. Waring and other talented professionals.

Featured musical numbers in "Discovering America" will be such favorites as "Oklahoma," "The Yellow Rose of Texas," selections from "West Side Story," and arrangements made famous by Fred Waring's Pennsylvanians.

The secret of Fred's 60 years of show business success was to have something in the program for everyone and we're continuing that with the U.S. Chorus. Mrs. Waring said.

It is Virginia Waring's hope that when the young people of Fred Waring's U.S. Chorus return to their home towns all across America they'll have a part of Fred Waring's musical legacy to take back to their schools, community theaters, churches and families.

Tickets for the 4 p.m. and 8 p.m. concerts are available to WPSX-TV members at a special rate of \$4 and \$6 for the general public. Ticket orders, with checks made payable to Penn State, should be sent to 102 Eisenhower Auditorium, University Park, Pa. 16802. Tickets also may be purchased using VISA or MasterCard by calling (814) 863-0255.

Bookshelf

The revival of ballroom dancing is captured in a new book co-produced by Ken Graves, associate professor of photography. He collaborated with New York City freelance photographer Eva Lipman in taking the photographs for *Ballroom*, a book published by Milkweid Editions of Minneapolis. The text was written by Sally Sommer.

The subjects of the book are drawn from ballroom dance competitions, involving both adults and children, and formal social dances or balls.

"It was on the periphery of the dance floor where we found our most compelling imagery," Professor Graves and Mrs. Lipman note. "The sidelines were pockets of activity, filled with promise and surprise. Dancers paced and stretched like runners, before setting themselves in their assigned lanes, their energy held in check. Make-up was anchored to faces, and women, like exotic birds resting during a migratory flight, sat enveloped in billowing gowns." Professor Graves, who has taken lessons at Arthur Murray Dance Studios, traces his photographic interest in ballroom dance to

a long-time fascination with those who engage in highly intense or demanding disciplines such as boxing.

"Ballroom dance is seeing a new popularity," he says. "Young people are getting interested in couple dancing again; they like the intimacy and the opportunity to be elegant."

The proceedings of the 4th international conference on acoustic emission/microseismic activity in geologic structures and materials, sponsored by the Rock Mechanics Laboratory, are now available from Trans Tech Publications, Clausthal-Zellerfeld, West Germany.

The proceedings, edited by H. Reginald Hardy Jr., chairman of the Geomechanics Section, Department of Mineral Engineering, College of Earth and Mineral Sciences, contain 43 papers from 14 countries and the United States.

Mehdi Khoshrowpour, assistant professor of information systems, and Gayle Yaverbaum, associate professor of information systems, both of Penn State Harrisburg, are co-authors of *Information Technology Resources Utilization and Management: Issues and Trends*, published by Idea Group Publishing of Harrisburg.

The purpose of the 471-page book is to serve as a source of information for those interested in the field of information resources and to help readers use this knowledge to the best of their abilities. The book also stresses the importance of technology as it pertains to individual information demands.

Information Technology Resources Utilization and Management: Issues and Trends, places emphasis on the manager's role in today's world of state-of-the-art equipment. The book provides managers with the knowledge of how to not only attain information, but also with use that toward obtaining desired goals. It also can be used as a textbook for information technology management or in advanced information science courses.

Professor Khoshrowpour served as senior editor and wrote the chapter "Managing Information Technology Resources as a Major Organizational Asset." Professor Yaverbaum served as consulting editor and co-wrote the chapter Expert Systems Applied to Management Information Systems: Intelligent Decision Support."

Terry J. Peavler, professor of Spanish and comparative literature, has published a comprehensive study of an influential literary figure in Latin America.

In his book, *Julio Cortazar*, published in the Twayne World Authors Series, Dr. Peavler examines the writer's short stories and novels, illustrating the connection between Cortazar's literary or artistic experimentation and his personal philosophy.

Dr. Peavler shows how the short stories, which have been collected in *Blow-Up*, *End of the Game* and *We Lost Glenda So Much*, weave together humor, mysticism, eroticism and philosophy. The study underscores Cortazar's sense of literary play and the style and structure of his improvisations.

In addition to Cortazar's contributions to storytelling and contemporary narrative technique, Dr. Peavler's book also includes a chapter on the novels, including the iconic *Hopscotch*, for which Cortazar is best known and which shocked the international literary establishment in 1963.

This timely overview of the works of Cortazar, which have been widely translated and anthologized, includes works published after his death in 1984.

University Park Calendar

July 12 -- July 29 Special Events

Thursday, July 12
Board of Trustees meets at Berks Campus, through July 13.
Palmer Museum of Art, workshops, Contemporary Realist Watercolors, James Winn, 9 a.m.-noon; Patricia Tobacco Forrester, 1-4 p.m., register, 863-1743.
Summer Sessions, Explazaganza Concert, 7:30 p.m., Fisher Plaza.

Friday, July 13
Lesbian and Gay Students, 8 p.m., 305 HUB, Roger Blatitzky, Austin Univ., on "Teaching Tolerance Against Homophobia."

Saturday, July 14
Summer Sessions, Music at Penn's Woods, 7:30 p.m., Schwab Aud.

Sunday, July 15
Penn's Woods chamber concert, 3 p.m. Music Bldg., Recital Hall.

Monday, July 16
Paul Robeson Cultural Center, Eyes on the Prize II: America at the Racial Crossroads-1945-1985, 7:30 p.m., Paul Robeson Cultural Center, *The Keys to the Kingdom* (1974-1980).

Tuesday, July 17
Shaver's Creek, Day Camp II, Outdoor Adventure Camp I, through July 21. Call 863-2000.

Summer Sessions, music at noon, Fisher Plaza; Explazaganza film, 9 p.m., Fisher Plaza; German Dept., film, 8 p.m., 108 Wartik, *Nachtschatten*.

Wednesday, July 18
Summer Sessions, Penn's Woods chamber concert, 7:30 p.m., Music Bldg., Recital Hall; Palmer Museum lecture, 8 p.m., HUB Assembly Room, Dr. Art Walker, Stanford Univ.

Office of Unions and Student Activities, film, dusk, HUB lawn, *Malsamun Night: Sex, Conch*.

Thursday, July 19
Summer Sessions, music at noon, Fisher Plaza; Summer Seminar, 3:30 p.m., Fireside Lounge; Nittany Lion Inn, Dr. Andrea Mastro on The Immune System: Cells Working in Your Defense; Diversions, ice skating, 8-11 p.m., Ice Rink.

Friday, July 20
Summer Sessions: Diversions, ice cream, 7-8 p.m., Creamery; Summer Jam, 9 p.m.-1 a.m., Paul Robeson Cultural Center.

Saturday, July 21
Shaver's Creek, Dried Flower Arranging, 1-3 p.m., Call 863-2000.

Summer Sessions, Music at Penn's Woods, 7:30 p.m., Schwab Aud.; Glory, 7-9 p.m.

Monday, July 23
Shaver's Creek, Extra Junior/Junior Nature Experiences, 10-11:30 a.m. Also July 25, 27, Call 863-2000.



Fred Waring's U.S. Chorus 1980 will perform at 4 and 8 p.m. July 22 in Eisenhower Auditorium. See story on page 6. (Photo: Dave Shelly)

Paul Robeson Cultural Center, Eyes on the Prize II: America at the Racial Crossroads-1945-1985, 7:30 p.m., Fisher Plaza; Cultural Center, *Back to the Mercurio* (1979 and 1983).

Tuesday, July 24
Summer Sessions, music at noon, Fisher Plaza; Diversions, bowling, 7-9 p.m., 9-11 p.m., Rec Hall; Explazaganza film, 9 p.m., Fisher Plaza; GSA Assembly meeting, 7:15 p.m., Kern.

Wednesday, July 25
Office of Unions and Student Activities, film, dusk, HUB lawn, *Domino and Eugene*.

Thursday, July 26
Summer Sessions, music at noon, Fisher Plaza; seminar, 3:30 p.m., Nittany Lion Inn, Fireside Lounge, Dr. Jayanth Banavar, on Molecular Dynamics of Fluid-Solid Systems; Explazaganza concert, 7:30 p.m., Fisher Plaza.

Friday, July 27
Summer Sessions, brown bag seminar, noon-1 p.m., Pavilion, Francis Cordova on Women in the Sciences; Diversions, ice cream, 7-8 p.m., Creamery; Delta Aquarid Meteor Shower: star party/open house, 9-11 p.m., 6th floor, Davey Lab (outside 7:28).

Saturday, July 28
Shaver's Creek, Bird Walk, 7-9 a.m.: Bats are Beautiful, 8-10 p.m., Call 863-2000.

Summer Sessions, nine-ball billiard tournament.

Sunday, July 29
Shaver's Creek, The Winged Hunters, 2-4 p.m., Call 863-2000.

International Events

Fullbright deadline
Aug. 1 is the new deadline for applying for research and lecturing awards to Africa, Asia (except India), Eastern Europe, Middle East and Western Europe; for lecturing only awards to Mexico, Venezuela and Caribbean Islands; and

for travel-only awards to France, Italy and The Federal Republic of Germany. For information, contact Elizabeth B. Smith at 865-7681.

Public Radio

WPSU-FM 91.1

All Things Considered, Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m.; Odyssey Through Literature, 12:30 p.m. Wednesdays, with S. Leonard Rubinstein. Perspectives, 6:30 p.m. Wednesdays, Creative License, 12:30 p.m. Thursdays, with Asa Berlin and Pam Sautier.

Conferences

Continuing Education

Keller Building

July 15-19, Athletic Training for Coaches, William Buckley, coordinator, athletic training education, chair, Jerri Milson, coordinator.
July 15-20, See the Future, John Vincenti, program specialist, chair, Donna Ricketts, coordinator.

July 15-20, Summer Program for Mathematically talented Middle School Students, M. Kathleen Heid, assistant professor of education, director; Donna Ricketts, coordinator.

July 15-20, Second Mile Summer Challenge, Bob Ricketts, instructor in physical education, chair, Jerri Milson, coordinator.

July 15-21, Elderhostel IV, Jerome Zolten, assistant professor of speech communications, chair, Barb Impellitteri, coordinator.

July 16-18, Third Annual Earth Systems

Science, Lee Kump, assistant professor of geosciences and Jim Kasting, associate professor of geosciences, co-chair, Jack Sinclair, coordinator.

July 16-20, Developing a Preschool Practicum, Cynthia Storch, instructor, individual and family studies, and home economics education chair, Donna Ricketts, coordinator.

July 16-20, Heating Ventilation and Air Conditioning Controls, Robert Becker, of the Department of Architectural Engineering, chair, Norm Lathbury, coordinator.

July 16-24, Augmentation of Communication, James Tawney, professor of special education chair, Kathy Karchner, coordinator.

July 18-20, Women's Clubs Summer Conference, Lynne Gosselin, associate professor of administration of justice, chair, Bill Sterner, coordinator.

July 22-27, Second Mile Summer Challenge for Boys, Bob Ricketts, instructor in physical education, chair, Jerri Milson, coordinator.

July 22-28, Elderhostel V, Jerome Zolten, assistant professor of speech communications, chair, Bob Impellitteri, coordinator.

July 24-Aug. 16, Japanese Summer Study Program, M. Constantino, instructor, speech communications, chair, Norm Lathbury, coordinator.

Exhibits

HUB Galleries

Formal Gallery, Art Alley, Browsing Gallery: Images '90, through July 27.

Kern Galleries

Nittany Valley Chapter Embroiderers Guild Of America, through July 31.
Pat Dunmire Ceramic Wall Hangings, through July 31.

College of Earth and Mineral Sciences, through July 16.

Central Pa. Festival of the Arts exhibition, through July 31.

Palmer Museum of Art

Selections from the Permanent Collection, through Oct. 7.
Craft and Community: Traditional Arts in Contemporary Society, through July 22.
Central Pa. Festival of the Arts, Realist Watercolors, through Aug. 5.

Pattee Library

Rare Books Room: Stars and Star Lore: Astronomy and Astrology in Pattee Library's Collections, through July 16.
Zoller Gallery

Crafts National 24 through July 30.

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather-24; Arts Line-345; University Calendar-456.

Promotions

Staff Exempt

Philip G. Burdis to supervisor-property inventory in Controller's Office.
Edwin C. Granis foreman, trades in Office of Physical Plant.
Joseph H. Meier to network analyst at Hershey.
Jerri L. Milson to conference coordinator in Commonwealth Educational Systems.
William L. Mountz to senior applications programmer/analyst in C&S-Management Services.
Janet E. Neff to applications programmer/analyst in C&S-Management Services.
Gay P. Powers to supervisor, trades in Office of Physical Plant.
Teresa F. Shick to facilities, services and safety coordinator in Agriculture.
Terri Soaries to cost and space analyst in Controller's Office.

Staff Non-Exempt

Lori Swingholm-Lev to senior cardiovascular technician at Hershey.

Marianne E. Williams to research technician at Hershey.

Clerical

Sheryl J. Ayers to accounting clerk in Education.
Amy L. Bennett to secretary B in Health and Human Development.
Marsha A. Bentley to patient unit secretary at Hershey.
Paula Burns to secretary C in Commonwealth Educational System.
Joann M. Ciggett to senior clerk at Ogontz.
Teresa L. Datti to accounting clerk at Scranton Campus.
Bonnie L. Hampton to clerk, typist A in Controller's Office.
Karen E. Helmer to secretary B at Hershey.
Phyllis E. Hooven to secretary B in Commonwealth Educational System.
Mildred A. Hoyt to clerk, senior cash application at Hershey.
Kimberly J. Jorich to secretary B in Commonwealth Educational System.

Amy L. Mann to secretary A in Intercollegiate Athletics.
Donna L. McClain to residence assignment clerk in Housing and Food Services.
Robin C. Miller to senior accounting clerk in Controller's Office.
Carolyn J. Powell to secretary B at Hershey.
Alice V. Saxton to secretary B in Health and Human Development.
Susan R. Smith to budget clerk in Commonwealth Educational System.
Linda M. Weigle to secretary B in Division of Development and University Relations.
Annette H. Woytowich to clerk, typist A in Commonwealth Educational System.
Lisa A. Young to accounting clerk in Science.
Linda C. Fisher to technical secretary A in Applied Research Lab.
Charlotte L. Houser to senior accounting clerk in Corporate Controller's Office.
Ruthann H. Long to secretary B in School of Communications.
Donald W. Moore to clerk A in C&S-Telecommunications.

Timi Narehood to secretary A in Engineering.
Deborah L. Price to secretary C in Liberal Arts.
Kimberly A. Ripka to accounting clerk in Corporate Controller's Office.
Darlene A. Sidwell to secretary B in Arts and Architecture.
Francine Stackhouse to secretary B at Penn State Great Valley.
Kaye Zimmerman to secretary B in Agriculture.

Technical Service

Thomas N. Bashore to group leader, escort service aide at Hershey.
Alan Haagen to power plant worker in Office of Physical Plant.
Dennis Johnson to groundsworker-golf course in Auxiliary Recreation Service.
Eugene J. Kroul to incubator room operator in Agriculture.
Susan M. Raco to salesroom clerk in Agriculture.

University ranks fourth in defense contract funds

Penn State ranks fourth among U.S. colleges and universities in defense contracts, according to recently released U.S. Department of Defense figures.

In fiscal 1989 the University received \$53.95 million in defense contract funds, an increase of more than \$7 million over the \$46.8 million received in fiscal 1988 when Penn State was ranked fifth among universities.

First place went to the Massachusetts Institute of Technology followed by Johns Hopkins University and University of California. Penn State was fourth followed by Carnegie Mellon University, University of Texas, Stanford University, Utah State University, University of Minnesota and University of Southern California, rounding out the top 10 universities.

Penn State ranks eighth overall among

The top four institutions receiving defense contracts in fiscal 1989 were:

- Massachusetts Institute of Technology, \$410.6 million
- Johns Hopkins University, \$327.6 million
- University of California, \$56.5 million
- Penn State, \$53.9 million

universities and other non-profit organizations, up from 10th place last year. "Penn State's high ranking in defense dollars is an indication of the high level and quality of the research conducted by faculty, staff and students," Dr. Charles

Hosler, acting executive vice president and provost, said.

"The spinoff benefits from defense work have and will continue to create new products and processes that result in new industries and jobs. Frequently, research

conducted to fulfill Department of Defense contracts explores the same questions and finds solutions for the same problems facing American industry today."

The top rankings are in the following order: Massachusetts Institute of Technology, \$410.6 million; Aerospace Corporation, \$401.4 million; Mitre Corporation, \$384.2 million; Johns Hopkins University, \$327.6 million; IIT Research Institute, \$78.2 million; University of California, \$56.5 million; Charles S. Draper Laboratory, \$56.9 million, and Penn State, \$53.9 million.

Other Pennsylvania universities receiving more than \$51 million in contracts are Carnegie Mellon University, \$49 million; University of Pennsylvania, \$6.8 million; University of Pittsburgh \$2.3 million; and Lehigh University \$1.2 million.

Young researchers in top ten

The University is ranked among the top 10 colleges and universities nationwide whose faculty received Presidential Young Investigator Awards.

The National Science Foundation has announced awards to 211 academic scientists and engineers. The awards finance research by faculty members near the beginning of their careers, and are intended to help universities attract and retain outstanding young Ph.D.s.

With five recipients, Penn State was ranked in seventh place, sharing the rank with University of Arizona, Yale University, State University of New York at Buffalo, University of Michigan and Stanford University.

"The PYI awards illustrate Penn State's reputation as a top public research university in the country," Charles Hosler, acting executive vice president and provost, said. "We are attracting talented young researchers to our university, benefiting students and society."

Four faculty members from the College

of Engineering and one from the College of Earth and Mineral Sciences were chosen as this year's recipients. They are:

Richard Alley, assistant professor of geosciences; **Kristen A. Fichhorn**, assistant professor of chemical engineering; **John A. Frangos**, DuPont assistant professor of chemical engineering; **Victor E. Sanvido**, assistant professor of architectural engineering; and **Jose A. Ventura**, assistant professor of industrial engineering.

The top place went to the University of California at Berkeley with 11; second, University of Wisconsin-Madison, 10; third, Massachusetts Institute of Technology, 9; fourth, University of Illinois, 8; fifth, Georgia Tech, University of Maryland, University of Texas at Austin, each at 7; sixth, Princeton, 6.

In Pennsylvania, the University of Pennsylvania had four faculty award winners and Carnegie-Mellon University had three recipients.

Teamsters approve new agreement

Members of Teamsters Local Union No. 8 employed by Penn State have ratified a new collective bargaining agreement with the University to replace the current agreement, which expired June 30.

Teamsters Local Union No. 8 represents the bargaining unit consisting of approximately 2,500 technical-service employees at all University locations throughout the Commonwealth.

Gregory Sampsel, president of Teamsters Local Union No. 8, announced the decision Thursday evening after the count of mail ballots. Union members voted on the ballots to accept or reject the offer made by the University.

The new agreement is effective July 1 and covers a three-year period through June 30, 1993. It provides a 4.5 percent wage increase, effective July 1; a 0.5 percent wage increase effective Jan. 1, 1991; and additional 5 percent wage increases effective with the second and third years of the agreement.

Other negotiated conditions of the agreement provide improvements in the University's health-care provisions, increases in employee contributions for health-care coverage and certain modifications in working conditions.

President Jordan said that he was pleased that the negotiations had been concluded successfully with the acceptance of the agreement by the union membership.

Appointments

Anne Hainsworth, has been appointed manager of the Penn State Technology Development Center (PSTDC) at Penn State Great Valley. The PSTDC, sponsored by Penn State and the Ben Franklin Partnership, offers specialized programs and rental opportunities for entrepreneurs in technology-related fields.

Ms. Hainsworth has served as grants and institutional research coordinator for Gloucester County, N.J., College and as a health planner for the Burlington County Community Action Program. She was assistant department manager at Strawbridge and Clothier prior to joining the PSTDC.

She earned a bachelor of arts in political science and master of public policy from Rutgers University.

Shirley Smith Hendrick has been appointed assistant dean for continuing education in the College of Business Administration.

In a leadership role with College's continuing education programs for more than 10 years, she is responsible for some 2,000 educational programs with a total enrollment of 37,000.

Highly active in the University community, Dr. Hendrick is chair-elect of the President's Commission for Women and serves on the Faculty Senate Chilly Climate Committee, the Continuing Education Awards Committee, the Administrative Advisory Committee and the Management Development Services Committee.

The author of numerous articles and papers on continuing education and women's issues, she currently is writing a book on women executives based on interviews with some of the country's leading female managers.

She has developed numerous continuing education programs in business and was the creator of the Management Program for

Women, a part of the Penn State Executive Programs which was recognized for innovation by the National University Continuing Education Association.

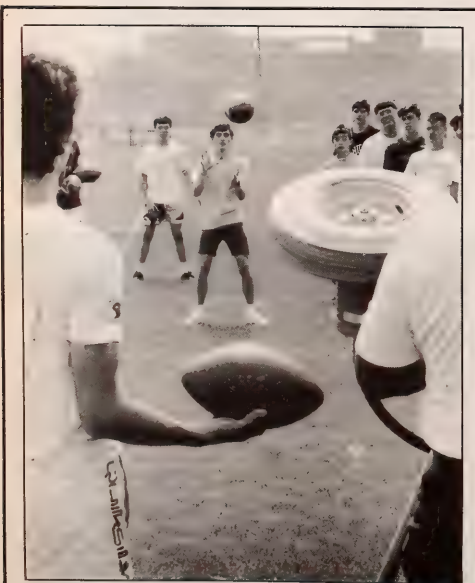
Dr. Hendrick, who holds B.S., M.B.A. and D.Ed. degrees from Penn State, first became associated with the College of Business Administration in 1970s as a graduate assistant and part-time instructor. She was named academic coordinator for continuing education in 1979, academic manager for statewide continuing education in 1983 and director of continuing education in 1987.

Douglas B. Tharp, has been appointed senior technical specialist for PENNTAP (Pennsylvania Technical Assistance Program) in the Southeast Region of Pennsylvania. PENNTAP was created in 1965 as a partnership between the Pennsylvania Department of Commerce and Penn State as a resource to public and private organizations to promote economic development.

Mr. Tharp will collaborate with the Delaware County and Ogontz campuses and Penn State Great Valley in providing technical assistance to regional business and industry.

Previously, Mr. Tharp was assistant director, Technical Services Laboratory, at Consolidated Rail Corporation in Philadelphia. He came to the Philadelphia area from The Transportation Test Center, in Pueblo, Colo., where he was operations department manager. He also spent thirteen years with Kerton Hawaii Ltd., and was a United States Naval aviator.

Mr. Tharp is a senior member of the Institute of Industrial Engineers and holds a B.S. in industrial engineering from Penn State.



Flying footballs

Participants in the Sports Camp program at University Park take advantage of a mechanical quarterback to hone their pass-catching skills. (Photo by Greg Grieco).

Faculty, staff and alumni are honored with awards

Libraries award

Francis E. Hooley, manager of business operations for the Libraries, has received this year's University Libraries Award. Mr. Hooley has been with the University for almost 30 years, having served 28 years with the Libraries.

The award, consisting of a citation, a cash stipend and a Nittany Lion statue is given in recognition of the achievements or performance of a faculty or staff member who has made outstanding professional contributions to the Libraries.

Mr. Hooley was chosen by his colleagues to receive the award in recognition of his commitment, dedication and loyalty to The Pennsylvania State University, his significant contributions to budgeting, financial and planning programs of the University Libraries, and for his support in pursuing grant and contract funding.



Francis E. Hooley



Christine A. White

Kent Forster award

Christine A. White, assistant professor of history, has received the Kent Forster Memorial Junior Faculty Development Award.

The Forster Award, named for the former head of the History Department in whose honor the fund was established, is made to a regular full-time member of the History Department working toward tenure, who has a well-documented research project and is an excellent teacher.

Dr. White, a European-diplomatic historian with special interests in Anglo-Russian economy, will research a brief and bizarre chapter in Russian-American relations centering on the unofficial American support for the Far Eastern Republic -- an ostensibly independent democratic republic created in Siberia in 1920. Set up with the knowledge and support of Moscow, headed by a long-time Bolshevik and openly appealing to American sentiment, the Far Eastern Republic was perceived by all to be a buffer state between the Bolsheviks and the outside world.

During this time period, there were American suspicions of Japanese intent in the area, which combined with increased American commercial interest in the Russian Far East. This episode has been unexplored and has potential importance to such issues as the worsening state of U.S.-Japanese relations and the overall question of American relations -- direct or indirect -- with revolutionary Russia.

Alumnus of the Year

John J. Heinze, president of the Allenberry Resort Inn and Playhouse, Boiling Springs, has been named Alumnus of the Year by the Penn State Hotel and Restaurant Society. PSHRS is the alumni organization for the School of Hotel, Restaurant and Institutional Management in the College of Health and Human Development.

Mr. Heinze is a 1957 graduate of the school. His hospitality industry experience includes a stint as front office assistant manager for the Beverly Hilton, catering work for Slater System in Philadelphia, and a Hilton Hotels training program at the Roosevelt Hotel in New York. He was also a trainee at the Greenbriar Resort in White Sulphur Springs, W.Va.

He began working at the Allenberry in 1965 and became its first and only president in 1967. A former Air Force pilot, he spent 20 years with the 193rd Special Operations Group in Harrisburg.

At the Allenberry he is continuing a tradition begun by his late father, Charles A.B. Heinze, a 1929 Penn State graduate. Charles Heinze bought the property (then farmland) in 1944 and started the resort in 1946. The elder Heinze also helped establish Penn State's undergraduate program in hotel administration (now called hotel, restaurant and institutional management), and in 1965 was named a Distinguished Alumnus of the University, the first person from the hospitality industry to be so honored.

Penn State Harrisburg

Three Penn State Harrisburg faculty and staff members have received awards for contributions to the College.

Jefferson S. Hartzler, assistant professor of mathematics, was honored with the Penn State Harrisburg Outstanding Teacher Award. He has taught at Penn State since 1967.

Dr. Hartzler received the award based on his demonstrated excellence and lasting impact in the areas of teaching, academic advising, career guidance and enthusiasm and commitment. He earned his bachelor's degree in education from Goshen College and his master's and doctoral degrees in mathematics from Penn State.

Edner Kaynak, professor of marketing, received the Outstanding Researcher Award. He has taught at Penn State Harrisburg since 1986.

Dr. Kaynak received the award based on his approved nomination, record of scholarship and achievements made during his career. He received his bachelor's degree in economics from the Istanbul University and his doctorate from the Cranfield Institute of Technology, England.

Theresa Majzik, acting director of the Computer Center, was the recipient of the Penn State Harrisburg Outstanding Service Award for her contributions and service to the Penn State Harrisburg community, faculty, staff and students.

Honorary degree

President Emeritus Oswald has received an honorary doctor of laws degree from the University of Kentucky for his contributions to that institution and to American higher education.

Dr. Oswald received the degree -- his 10th such honor -- from Kentucky President Charles Weatherington at the school's 123rd commencement May 6 in Lexington.

Dr. Oswald, president of Penn State from 1970-83, served as president of the University of Kentucky from 1963-68. He last attended a Kentucky graduation in 1967, when he presided over the school's centennial commencement.

At Kentucky, he led an expansion of the university into new areas, strengthened its faculty and supervised the largest building program in its history. Under a law enacted by the Kentucky legislature, the University of Kentucky was requested to establish a Community College System, and during his tenure Dr. Oswald established 15 new two-year campuses across the state. Also while he was president, the institution's new medical center began graduating its first classes of physicians.

Penn State Ogontz

Peter Rebane, associate professor of history at Penn State Ogontz Campus, has been named Outstanding Teacher for his "dedication, loyalty to academic excellence, sure command of material and genuine concern for students."

Dr. Rebane, who began his teaching career at Ogontz as an instructor in 1967, is a graduate of Upsala College in New Jersey

and earned both his master's and doctorate in medieval history at Michigan State University.

Wesley Olsen, associate professor of exercise and sport science, was chosen Outstanding Advisor for his work with students in both an academic role, as well as athletics.

Dr. Olsen, who attended Ogontz for two years as a student, graduated from Penn State in 1964 and has been a faculty member at Ogontz since. Chosen Chief Ogontz in 1967, Dr. Olsen earned both his master's and doctorate in education at Temple University.

Neil Mercado, assistant professor of biology, received the Chief Ogontz Medal, which is awarded annually by the Student Government Association to a faculty or staff member who demonstrates qualities of high ideals coupled with notable contributions to the quality of campus life. He was selected for his consistent interest in and support of student activities.

Dr. Mercado, named the campus' Outstanding Teacher in 1980 and honored with an AMOCO Master Teacher award in 1981, is a graduate of Bloomsburg University. He earned advanced degrees in zoology at both Penn State and North Carolina State University.

Liberal Arts

The College of the Liberal Arts Alumni Society has honored an outstanding alumnus and several faculty members for University and community service.

Alumnus Gerald T. Branner received the Alumni Society's Service to Society Award for his many public service contributions. He is a senior partner with the Philadelphia law firm of Morgan, Lewis and Bockius, the third largest law firm in the United States.

Faculty members receiving awards were **Rodger C. Henderson**, **Richard A. Carlson**, **Archibald Allen**, **Mark J. Roberts**, **James W. Hatch**, **Sidney Elkin**, and **Roy C. Buck**, professor emeritus.

Mr. Branner serves as a volunteer lawyer for Community Legal Services of Philadelphia and other referral programs, furnishing volunteer attorneys for the indigent. A volunteer legal adviser to the non-profit Community Homes Inc., he is a member of the Philadelphia chapter of the Anti-Defamation League of B'nai B'rith.

The 1990 Roy C. Buck Fund Research Award was presented to Dr. Henderson, assistant professor of history at the Penn State Fayette Campus. He was acknowledged for his proposed study "The Black Family in Pennsylvania from 1750 to 1840: A Demographic Perspective from Lancaster and Fayette Counties."

Dr. Carlson, assistant professor of psychology, received the 1990 Roy C. Buck Award in the Social Sciences for his paper "Practice and Working Memory Effects in Building Procedural Skill."

Dr. Buck, professor emeritus of sociology and social science, was presented with the Emeritus Distinction Award. Dr. Buck, who received his bachelor's and master's degrees from Penn State, retired in 1981 after 32

years of service to the University. His special interests include the Amish people of Pennsylvania.

The Class of 1933 Award for Outstanding Contributions in the Field of Humanities was given to Dr. Allen, associate professor of classics. Since coming to Penn State in 1965, Dr. Allen has taught both large survey courses in Greek and Roman civilization and tutorials on specific authors and literary topics. His scholarly works have been published in internationally recognized journals.

Dr. Roberts, professor of economics, received the society's Distinction in the Social Sciences Award. A Penn State faculty member since 1980, he teaches graduate courses in industrial organization and the undergraduate econometrics course.

Dr. Hatch, associate professor of anthropology, received the Distinguished Teaching Award. He has involved students in numerous projects with the Museum of Anthropology, of which he is director. Many museum exhibits have been built by students under his supervision.

The Outstanding Advising Award went to Mr. Elkin, instructor in political science at the Penn State Beaver Campus. A faculty member since 1969, he holds a doctorate in jurisprudence from Northwestern University School of Law.

Teaching award

Peter E. Parisi, assistant professor of communications and humanities at Penn State Harrisburg, has been honored with the Dr. James A. Jordan Jr. Memorial Award for Teaching Excellence.

The annual award is presented by the student body to a faculty member who demonstrates outstanding dedication and achievement in education and who exhibits sincere interest in the students and the College community. The award is given in honor of faculty member James A. Jordan, who died in 1971.

Dr. Parisi has taught at Penn State since 1988. He serves as coordinator of the communications program in the Division of Humanities. He earned his bachelor's and master's degrees in English from Columbia University, New York, and his doctoral degree in English from Indiana University, Bloomington.

College of Medicine

The Classes of 1992 and 1993 at the College of Medicine at the Hershey Medical Center, have honored several faculty members with awards for distinguished teaching.

The second-year medical students presented a special award to **Arthur F. Krieg**, chief of clinical laboratories and professor of pathology, for bringing computerization to pathology studies and helping to create a computerized clinical skills simulation.

The second-year students named **Dwight Davis**, associate professor of medicine, Lecturer of the Year.

The first-year medical students presented **Ian S. Zagon**, professor of anatomy, with its top award for Teacher of the Year and honored **Loren A. Evey**, postdoctoral fellow in laboratory research, for Excellence in Laboratory Teaching.

Excellence in Teaching awards were presented by second-year students to **Melvin L. Billingsley**, associate professor of pharmacology; **John W. Kreidler**, professor of pathology and microbiology and immunology, and **Richard J. Zaino**, associate professor of pathology.

The first-year students presented Excellence in Teaching awards to **Roger L. Ladda**, professor of pediatrics and chief of the Division of Genetics; **Paul G. Szauter**, assistant professor of biological chemistry; **Thomas C. Vary**, assistant professor of cellular and molecular physiology, and **Carol F. Whitfield**, associate professor of cellular and molecular physiology.

Penn State People

Joseph Pewanick

Joseph Pewanick, driver in Fleet Services, has been a University employee for 29½ years. He started as a roofer in Physical Plant, worked in Housing and then bid into Fleet Services, where he's been driving cars, trucks and buses for 25 years. "I certainly enjoy my job," he says, "or I wouldn't have been here 25 years." Joe, who lives in the town of Hawk Run, three miles north of Philipsburg, says the best part of his job has been working with the public. "I've met a lot of interesting people and I enjoy that more than anything." (Photo by Greg Grieco).



Penn Staters

Juan Fernandez Jimenez, associate professor of Spanish at Penn State Erie The Behrend College, presented a paper on "Apuntes sobre Faustino, obra dramática de Emilio López Medina" at the Spain Towards the 21st Century International Symposium at Ohio State University.

Robert C. Johnston, reader services/automation librarian at Penn College, has been awarded a Fulbright Scholarship for a six-week travel/study program in the Middle East. He will spend six weeks this summer in Egypt and Jordan with a group of 10 other Fulbright Scholars.

Gerald C. Lauchle, professor of acoustics and senior scientist at the Applied Research Laboratory, has received a \$75,000 grant from the Ford Motor Co. for research on the aerodynamics of flow separations.

Edward Linder, Division of Undergraduate Studies coordinator at the Penn State Allentown Campus, has been elected president of the Pennsylvania Association for Specialists in Group Work (PASGW).

E. Willard Miller, professor emeritus of geography and associate dean for resident instruction in the College of Earth and Mineral Sciences, has received the 1990 Honors Award of the Association of American Geographers "for 50 years of scholarship on extractive industries, manufacturing, and their impacts on the environment, and for outstanding service."

Allan D. Pierce, holder of the Leonard Chair in Acoustics, has received a second-year continuation of the NASA Grant for \$91,000 to study sonic boom propagation through the atmosphere. He also received a \$330,000 grant for three years from the Office of Naval Research for a study of wave vector filtering and energy flow in structural acoustics.

J.R. Pratt, assistant professor of aquatic ecology, spoke on "Detecting Changes in Stressed Ecosystems" at the Global

Environment and Human Health Symposium sponsored by the United Nations University and the University of Ulm at the International Institute for Scientific Cooperation's Reimsburg Castle in West Germany.

Jiri Tichy, United Technologies professor of acoustics and chairman of the Graduate Program in Acoustics, has received a \$75,000 grant from the Ford Motor Co. for research on the applications of active noise control techniques to reduce the interior noise in automobiles.

Donald V. Waddington, professor of soil science, has received the Distinguished Service Award of the Pennsylvania Turfgrass Council in recognition of his outstanding leadership and contributions to the turfgrass industry.

Daniel Walden, director of the American studies program, has been named president of the Northeast Modern Language Association, which has 2,200 members in New England, the Middle Atlantic states and Canada.

Ernest R. Weidhaas, professor emeritus of engineering graphics and former assistant dean for Commonwealth Campuses and General Engineering Department head, has been selected as a fellow of the American Society for Engineering Education.

William W. Asbury, vice president for student services, has been named to the Council on Student Affairs Executive Committee of the National Association of State Universities and Land-Grant Colleges (NASULGC). He will serve as secretary of the committee in 1991.

Carol Gay, associate professor of molecular and cell biology, gave a talk titled "The Role of Carbonic Anhydrase in Bone Resorbing Cells" at the International Conference on Carbonic Anhydrase in Spoleto, Italy.

Ken Fisher, associate professor of engineering at Penn State Erie, The Behrend College, presented a paper on

"Integration of FEA and Spreadsheets into MET Program at Penn State- Behrend" at the American Society for Engineering Education annual conference in Toronto.

Howard G. Knuttgen, director of the Center for Sports Medicine, was a member of the faculty of the "Conference on Sports Injuries: Prevention, Diagnosis and Treatment" presented by the University of Puerto Rico School of Medicine.

Sridhar Komarneni, professor of clay mineralogy in the Materials Research Laboratory and Department of Agronomy, presented a paper on "Solution Sol-gel Processing of Superconductors" at the International Conference on Superconductivity in Bangalore, India.

Robert Lima, professor of Spanish and comparative literature and Fellow of the Institute for the Arts and Humanities Studies, presented a paper titled "Swallowed by the Beast: The Mouth of Hell in the European Middle Ages" at the annual international meeting of the Best Fable Society at the University of Puerto Rico in Mayaguez.

G. Gregory Lozier, executive director of planning and analysis and affiliate associate professor of education, and **Michael J. Doors**, senior planning analyst, have received an award from the Society for College and University Planning as authors of the best paper published in *Planning for Higher Education* in 1988-89. The paper, "Elimination of Mandatory Retirement: Anticipating Faculty Response," is based on a 1987 study of 24 AAU institutions.

Archie J. McDonnell, professor of civil engineering and director of the Environmental Resources Research Institute, has been appointed by Gov. Robert P. Casey to the Governor's Select Committee on Nonpoint Source Nutrient Management. The committee will evaluate current programs and practices and recommend how best to reduce the contribution of nutrients to surface and groundwaters.

Sally A. McMurtry, associate professor of history, has received the Vernon Carstensen Award for the best article published in *Agricultural History* in 1989. Her essay, "Who Read the Agricultural Journals? Evidence from Chenango County, N.Y., 1838-1865," appeared in the Fall 1989 issue.

Rustum Roy, director of the Science, Technology and Society Program and Evan Pugh professor of the solid state at the Materials Research Laboratory, has been elected an honorary (foreign) Fellow of the Indian Academy of Sciences in recognition for his work in materials research.

David Roth, associate professor of engineering at Penn State Erie, The Behrend College, presented a paper on "Integrating LOTUS and FEA into a Technology Curriculum" at the American Society for Engineering Education annual conference in Toronto.

Harold H. Schobert, associate professor of fuel science and chairman of the Fuel Sciences Program, has been appointed to a three-year term on the National Research Council's Energy Engineering Board.

James Seroka, professor of political science and head of the division of humanities and social sciences at Penn State Erie, The Behrend College, lectured to political science graduate students at the University of Belgrade and will participate in the Inter-University Post-Graduate seminar in Dubrovnik, as well as was a part of the election analysis team analyzing the Slovenian and Croatian election in Umag.

Thomas T. Warner, associate professor of meteorology, and **Nelson L. Seaman**, assistant professor of meteorology, have been awarded a third place prize in the Physical Sciences and Mathematics Division of IBM's 1989 Supercomputer Competition for their paper "A Real-Time Regional Numerical Weather-Prediction System."

Partings

Marion O. Carr, assistant professor of speech at the Penn State Worthington-Scranton Campus, has retired after more than 20 years service.

A graduate of Northwestern University, she received a master's degree at the University of Iowa and a doctorate at Temple University. She served as director of drama at Augustana College and, prior to joining the Worthington-Scranton faculty in 1969, was assistant professor of speech at Clarion State College.

At the campus commencement ceremonies on May 11, Dr. Carr received the 12th annual Gertrude Hawk Service Award. She was cited for campus service, including her role as founding adviser to the Worthington-Scranton Players, membership on numerous campus committees, and supervision of internships for students working at local television stations.

In the community, she has been president and chairman of the board of the United Nations Association of Greater Scranton and a member of the National Advisory Council for the UNA-USA. In 1989, she received a citation from the UNA for 20 years of distinguished volunteer service to the purposes of the United Nations, and the United Nations Peace Medal from the International Foundation of Human Rights.

She also has served on the board of directors of the American Association of University Women, and was secretary for three years to the Peace Commission of the Speech Communications Association. This year, she was cited as one of Penn State's "Achieving Women" by the Penn State Commission for Women.

In retirement, she plans to publish the research from her Ph.D. thesis and to begin editing her mother's autobiography.

Two School of Communications faculty with 57 years of combined University service will retire this summer.

William L. Dulaney, associate dean and professor of journalism, will retire in August following 29 years of service.

Donald L. Smith, professor of journalism and professor-in-charge of mass communications, will retire at the end of June after 28 years of service.

Dr. Dulaney joined the former School of Journalism's staff in 1961 as an instructor of journalism and mass media specialist with the Center for Continuing Liberal Education. He was named assistant professor of journalism in 1966, associate professor in 1969 and professor in 1974.

Before coming to Penn State, he served as managing editor of Paddock Publications, publisher of 14 suburban weekly newspapers in the Chicago area. He also had worked as a marketing writer for the *Atlanta Journal-Constitution*.

At Penn State, he was responsible for administering the School of Communications' undergraduate programs including internships, scholarships and, until recently, minority affairs. He started the internship program for the former School of Journalism and expanded it following the new School's formation in 1986.

Dr. Dulaney was instrumental in establishing the Native American Press



William L. Dulaney

Association, for which he continues to consult with Native American newspapers. He also supervised the Pennsylvania Society of Newspaper Editors' Minority Job Bank, which is housed in the School.

He received a bachelor's degree in political science from The Citadel in 1952, and a master's degree and doctorate in journalism from Northwestern University in 1958 and 1968, respectively. He and his wife, Marjorie, live in Boalsburg. They have a son, William, who serves in the U.S. Navy, and a daughter, Carol, who lives in Boalsburg.

Professor Smith joined the former School of Journalism in 1962 as an assistant professor of journalism. He was named associate professor in 1970 and professor in 1988. He was professor-in-charge of journalism from 1974-81 and of mass communications from 1988-90.

A native of Illinois, he has worked as copyeditor and reporter for the *Champaign-Urbana Courier* and taught journalism at the University of Illinois. He received his bachelor's and master's degrees in communications from the University of Illinois.

Professor Smith was Northeast Region coordinator for NASA's Journalist-in-Space Project in 1986, and has coordinated several conferences for minority and international journalists at University Park.

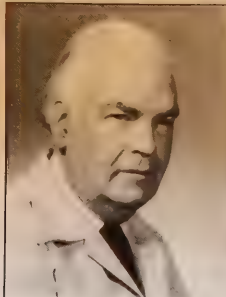
He is the author of *Zachary, Chief Jr.: Defender of Liberty and Law* (Harvard University Press, 1986), a biography of the fighter for freedom of speech in the 1920s; and *The New Freedom to Publish*, a monograph prepared with a grant from the Magazine Publishers Association on Supreme Court decisions on libel and privacy.

Professor Smith and his wife, Mary, live in State College. They have two daughters, Kaia Stulock, of Morgantown, W.Va., and Gretchen Lychurch, of Myrtle Beach, S.C.

The Dulaney-Smith Scholarship Fund has been established to honor the retirees. Although details of distribution of scholarship funds have not yet been finalized, nearly \$7,500 already has been raised.

Patrick Lynch, professor of education, has retired with emeritus status after more than 21 years of service.

Dr. Lynch came to the University from



Patrick Lynch

the University of New Mexico, where he served as associate professor of educational administration and director of the Educational Service Center.

At Penn State, Dr. Lynch, in addition to teaching duties, has been deeply involved with the College of Education's multicultural programs. In 1970, he was instrumental in beginning the Native American Administrator Training Program. Additionally, he has assisted in setting up the Bilingual Principal Training Program, and was one of a group of educators from the United States and Latin America to establish the Interamerican Society for Educational Administration in Brasilia in 1979. He was appointed to a Fulbright Distinguished Lectureship at the University of Brasilia that same year.

He has worked with USAID projects in Ecuador, Paraguay, Honduras, Peru, and Sudan, and served on the University's Middle East Studies Committee and the Council for International Exchange of Scholars. In 1986, Dr. Lynch received the James L. Nicholas Educational Leadership Award from the Advisory Committee for School Administration and Supervision at the University of Scranton. This spring, he was honored at the annual dinner of the American Indian Leadership Program for his nationally recognized work in multicultural education.

Dr. Lynch received a B.A. degree at St. John's University in Collegeville, Minn. His M.A. and Ph.D. degrees were both earned in educational administration at the University of Minnesota. He plans to travel to Jakarta, Indonesia, where he will work on a project contracted through Florida State University.

Joan B. Gibson, manager, social services at Hershey, from April 2, 1980, until April 4.

Earle M. Woodford, maintenance worker, utility at Ogontz, from Aug. 20, 1973, until May 1.

Charles H. Bush Jr., maintenance foreman at Schuylkill Campus, from Feb. 22, 1967, until June 1.

Charlotte E. Bathurst, residence hall worker, Housing and Food Services, from Aug. 28, 1972, until June 1.

Ramond D. Northamer, maintenance worker A, Office of Physical Plant, from Jan. 20, 1970, until June 5.



Donald L. Smith

Alice E. Boucher, nurse specialist at Hershey, from Oct. 1, 1979, until June 16.

Keith E. Rose, associate librarian/head life science library, University Libraries, from Dec. 27, 1973, until June 1.

Luisito L. Tongson, associate professor of physics at Worthington-Scranton Campus, from Nov. 1, 1974, until July 1.

Charles F. Maguire, administrative director MBA programs, Business Administration, from Dec. 1, 1978, until June 19.

Paul R. Hancock, assistant professor of economics at York Campus, from Sept. 1, 1978, until June 30.

Lewis Raymond Moon, research herdsman, Agriculture, from July 1, 1980, until June 30.

Ursula K. Dantrow, respiratory therapy hemodynamic technician at Hershey, from June 19, 1974, until June 16.

Alfred M.T. Hardesty, clerk, biographic processing A, University Libraries, from April 1, 1980, until June 16.

Mary Alice Shea, secretary B, Science, from Sept. 27, 1974, until June 30.

Lois Stennett, secretary C at New Kensington Campus, from May 1, 1980, until June 30.

Mary L. Lehman, clerk accounting A at Penn State Harrisburg, from July 1, 1970, until June 30.

Lucille H. Ripka, clerk A, University Libraries, from Jan. 4, 1971, until June 30.

Wilma R. Reichert, senior clerk continuations claims, University Libraries, from Jan. 2, 1974, until June 30.

Thomas E. Tracy, director, Office of Management, Commonwealth Educational System, from Feb. 1, 1973, until July 1.

Nancy M. Cook, administrative aide in the Eberly College of Science, from May 1, 1968, until May 12.

Harold E. Johnston, residence hall project worker in Housing and Food Services, from Sept. 1, 1950, until May 23.

Martha L. Price, residence hall worker, Housing and Food Services, Feb. 5, 1971, until May 31.

William L. Collins, carpenter A, Office of Physical Plant, from July 31, 1972, until June 30.

Marjorie J. Dulaney, secretary A, Arts and Architecture, from Dec. 1, 1977, until June 30.

Obituaries

Dale J. Sackridge, senior engineering aide at the Applied Research Laboratory, died June 12 at the age of 52.

At the ARL, he was a member of the Acoustic Transduction Systems Group and was instrumental in conducting advanced research and development on underwater sonar systems, in use today by the U.S. Navy.

In 1988 he received the ARL's Outstanding Performance Award for his contributions toward advanced sonar transducer design, construction and calibration.

He was co-author of numerous technical publications and U.S. patents. His interests also extended to advising graduate students at the University with their thesis research.

Mary C. Traxler, resident adviser, Dean of Student Affairs, from Sept. 1, 1960, until her retirement July 1, 1971, died May 23 at the age of 82.

John D. Bracken, mixer, Housing and Food Services, from Feb. 1, 1959, until his retirement Jan. 1, 1974, died May 28 at the age of 78.

James L. Rizzo, maintenance mechanic, Worthington-Scranton Campus, from Oct.

6, 1966, until his retirement Oct. 9, 1985, died May 31. He was 70.

James E. Mackey, residence hall worker, Housing and Food Services, from Dec. 1, 1947, until his retirement March 2, 1974, died June 1 at the age of 77.

Frank T. Hreshko, maintenance worker, utility, Penn State Schuylkill Campus, from Aug. 16, 1965, until his retirement Sept. 1, 1977, died June 10. He was 75.

Theodore S. Polesky, research assistant in Agricultural Economics, from Aug. 1, 1963, until his retirement Jan. 1, 1980, died June 20 at the age of 64.

Faculty/Staff Alerts

Non resident earned income tax
The State College Borough has requested that the University begin to withhold the 1 percent non-resident earned income tax.

Beginning in August 1990, all University employees who have an out-of-state address on file will be affected by this change.

Any questions concerning residency should be directed to the State College Tax Office located at 118 S. Fraser Street.

Staff Vacancies

The following vacancies for positions classified as staff except or staff nonexcept have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion MAY APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-6304.

NETWORK LINE 435-0304. Applications for these staff vacancies will be accepted until July 19. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment practices (FE-1) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law) sex or status as a disabled or Vietnam era veteran.

***00711. Designer, Electro-mechanical, Applied Research Laboratory, ARL Operations, University Park Campus** Responsible for production of designs for mechanical and electrical assemblies and systems working from sketches, conceptual drawings and notes utilizing knowledge of standard drafting practices. Requires associate degree or equivalent in electro-mechanical drawing with three to four years of effective experience in electro-mechanical drafting. Working knowledge of mechanisms corrosion protection (environmental and galvanic) and manufacturing processes is highly desirable. U.S. citizenship required. STAFF GRADE c

***00712. Application Programmer/Analyst, Computer and Information Systems, Library Computing Services, University Park Campus** Responsible to designated project leader for conducting analyses of data processing and operational problems, determining detailed requirements to solve problems, formulating logical statements of system problems, and preparing computer programs to satisfy desired end results. Requires bachelor's degree or equivalent in basic computer systems and one to two years of effective experience in computer programming and analysis. Experience with DEC VMS is preferred. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991. STAFF GRADE c

***00713. Counselor/Student Support Services Coordinator, Undergraduate Education, Academic Support Center for Student/Athletes, University Park Campus** Responsible for the day-to-day Academic Support Center for Student/Athletes, for providing counseling services to student/athletes. Requires master's degree or equivalent in psychology, counseling or a related area plus one to two years of effective experience in academic

counseling and advising. THIS IS A FIXED-TERM POSITION. AVAILABLE SEPTEMBER 15, 1990, TO JUNE 30, 1991. WITH GOOD POSSIBILITY OF REFUNDED STAFF GRADE 7.

***00714. Development Assistant, Development and University Relations, Planned Giving Office, University Park Campus** Responsible to the director of development, senior development officer, or development officer for assistance in the organization and implementation of fundraising programs and related activities in an assigned college. Requires bachelor's degree, or equivalent, plus one to two years of effective experience in public relations, fund raising, or related field. Proficiency in verbal and written communication skills is highly desirable. Willingness to travel is essential. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991. STAFF GRADE c

***00715. Assistant Banquet Supervisor, Nittany Lion Inn, University Park Campus** Responsible for banquet sales and service activities and for training and supervision of assigned employees to insure efficient and high quality performance. Duties include hiring, scheduling and supervising employees, maintaining equipment and supplies, payroll and other records. Requires associate degree, or equivalent, plus over three months up to one year of effective experience. STAFF GRADE 4

***00716. Assistant Manager Catering, Housing and Food Services, University Park Campus** Responsible to the catering manager for details that relate to scheduling, planning for, and supervising of catering events in various locations, meet and confer with customers, food production supervisors and coordinators. Requires bachelor's degree or equivalent, preferably in hotel, restaurant and institutional management, or culinary arts, plus one to two years effective experience. HOURS AND DAYS OFF VARY BASED ON SCHEDULED EVENTS. STAFF GRADE 5.

***00717. Programmer/Analyst C, Vice President for Business and Operations, Management and Systems Engineering, University Park Campus** Responsible to a senior staff member for user computer systems support. User support will include duties such as assisting user with system log on applications and adding new users to a system. Requires bachelor's degree, or equivalent, in computer related field and six to nine months of effective experience in computer programming and systems design. Good written and verbal communication skills required. STAFF GRADE 5.

***00718. Administrative Director, MBA Program,**

Business Administration, Graduate Programs, University Park Campus Responsible to the associate dean for research and graduate programs for improving the quality and international reputation of the MBA Program to include planning, supervision of the recruiting, admissions and placement functions, corporate relations, and coordination of fund raising activities with development office. Requires master of business administration, or equivalent, plus two to three years of effective administration experience in student recruitment and placement, supervision, budget control, and use of computers in office operations. STAFF GRADE 7.

***00719. Associate Director of Development, Development and University Relations, Hershey Medical Center** Responsible to the director of development, Hershey Medical Center, for the development and operation of a program(s) for fund raising designed to identify and enhance major gifts to the Medical Center. Requires bachelor's degree, or equivalent, plus four to five years of effective experience in development, particularly in an educational or medical setting. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991. WITH GOOD POSSIBILITY OF REFUNDED STAFF GRADE 8.

***00720. Assistant Manager, Radiology Services, University Hospital, Radiology Services, The Milton S. Hershey Medical Center** Responsible to the manager, Radiology Services, for scheduling of personnel and repairs and work progress within those areas of designated responsibility. Requires associate degree, or equivalent, satisfactory completion of formal radiologic technology training in a school approved by the AMA and ARRT registry plus an additional one to two years of effective supervisory experience, with a minimum of two to three years of effective experience as a staff radiologic technologist. STAFF GRADE 7.

***00721. Manager, University Fitness Center, College of Medicine, Department of Associate Provost for Administration University Fitness Center, The Milton S. Hershey Medical Center** Responsible to the director of materials management to the administration of the University Fitness Center to include budgeting, maintenance of physical facilities and direction of Fitness Center personnel. Also responsible for the development and implementation of recreation and athletic program. Requires master's degree in physical education, recreation education etc. with over one up to and including two years of effective experience. STAFF GRADE 7.

***00722. Coordinator, Research and Administrative Services, Business Administration,**

Division of Research, University Park Campus Responsible to the associate dean for research for the administrative functions of the Division of Research for external funding, administering contracts/grants and budgets as well as supervising staff and clerical personnel. Requires bachelor's degree in business administration, or equivalent, and over two up to and including four years of effective administrative experience. Knowledge of computer and computer systems as well as writing skills and research experience highly desirable. STAFF GRADE 7.

***00723. Coordinator, Radiology Information Systems, University Hospital, Radiology Services, The Milton S. Hershey Medical Center** Responsible to the manager of Radiology Services for the efficient operations and implementing of the Radiology Information System, monitoring information system projects, providing training to users, and serving as an advocate for users concerning their information system needs. Requires bachelor's degree in computer science, or equivalent, plus two to four years of effective experience, preferably in radiology operations. STAFF GRADE 7.

***00724. Producer/Director, Program Production, CES, University Division of Media of Learning Resources, University Park Campus** Responsible to the executive producer for public affairs in the production of observational documentaries in WFSX-TV's Rural America documentary production unit. Requires bachelor's degree, or equivalent, in television/film production, broadcasting, journalism, or a related area plus one to two years of effective experience in television and film production. Knowledge of location EFP production techniques, oneinch and BETA editing (with time code) is necessary. Knowledge of observational documentary methods is desired. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991. WITH EXCELLENT POSSIBILITY OF REFUNDED STAFF GRADE 6.

***00725. Producer/Director, Instructional Media Division, CES, University Division of Media and Learning Resources, University Park Campus** Responsible to the assistant director for design and production for the design, planning, and coordination of all phases of production for assigned projects. Requires bachelor's degree, or equivalent, in television/film production, communications instructional design, or closely related field, plus one to two years of effective experience in media production. Excellent writing skills and the ability to work closely with faculty and content specialists in a team environment are essential. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991. WITH EXCELLENT POSSIBILITY OF REFUNDED STAFF GRADE 6.

Alumni Vacation College is set for University Park

Area residents, Penn State alumni and friends are invited to bring the family and attend the seventh annual Alumni Vacation College, at University Park, July 16-20. Sponsored by the Penn State Alumni Association, the vacation combines education, recreation and social activities.

Participants may stay in the residence halls and check in any time from Friday, July 13, to Sunday, July 15, to enjoy the Central Pennsylvania Festival of the Arts. Those who live within easy commuting distance may attend at a reduced rate by choosing to live at home.

Morning lectures on current issues are followed by afternoon tours of laboratories,

research facilities and historical sites as well as workshops and other activities.

Geoffrey Godbey, professor of leisure studies, will begin the lecture series with a discussion on how our leisure time relates to life satisfaction and other issues of recreation in the 1990s.

Other speakers and their topics include Marie Secor, associate professor of English, "Controversy over Classic Core Curriculum Versus One With More Diversity, Non-Western, Non-Traditional Literature"; Charles Yesalis, professor of health policy and administration and exercise and sports science, "Performance Enhancing Drugs in Athletes"; James Rodgers, head of the

Economics Department; "How the Emerging Democracies Will Affect Our Pocketbooks"; and Christine White, instructor in history, "Ramifications of the Changes in Eastern and Central Europe."

The program offers optional tours of the new Biotechnology Center, the Brazelton Nuclear Reactor, the Paoli Agriculture Museum, backstage of the Pennsylvania Centre Stage production 1776, the Indoor Sports Complex, the Football Hall of Fame and the American Philatelic society.

Participants can attend a hands-on computer workshop, an Observatory Open House at Davey Lab, a Victorian tea at the Centre Furnace Mansion and a square

dance.

Contact Sharon Ricketts at the Conference Center at 814-865-1743 for registration and Mary Jane Stout, Alumni Vacation College Coordinator, at 814-865-6517 for program information.

Carpooler

Need one more person to carpool from Altoona, the Bellwood Intersection of Rt. 220, or Tyrone to the University. Hours are 8 a.m. to 5 p.m. Call 865-6556; leave telephone number and name; will return call.

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7517.

William E. Campbell Jr., Editor
Dorothy A. Benedetti,
Assistant Editor
Kathy Garman, Calendar

July 12, 1990
Vol. 19, No. 37

AWARDS

Faculty, staff and alumni are honored with awards. See story on page 9.

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INTERCOM

July 27, 1990

Volume 19, Number 38

Thomas named 15th president

The Board of Trustees has named the University's 15th president - Joab L. Thomas, professor of biology and former president of the University of Alabama.

In a special session on July 23, the full Board approved the recommendation of its Trustee Presidential Selection Committee. Dr. Thomas met with Board members during the session.

Dr. Thomas, 57, former president of the University of Alabama (1981-88) and former chancellor of North Carolina State University (1976-81), will assume the presidency on Sept. 1.

President Jordan will retire Aug. 31. He pledged to work with Dr. Thomas to ensure a smooth transition.

Board President J. Lloyd Huck, who chaired the selection committee, said Dr. Thomas was the committee's "unanimous recommendation to the Board."

His administrative experience as president of the University of Alabama and chancellor of North Carolina State University, and his academic and research accomplishments in the field of biology, as well as his successes as a fund-raiser and his commitment to the advancement of women and minorities were cited by Huck as key reasons why the selection committee chose Thomas.

"The Trustee selection committee is impressed with both the academic and personal credentials that Dr. Thomas will bring to the Penn State presidency," Mr. Huck said.

"A member of Phi Beta Kappa, he is highly committed to academic excellence. Dr. Thomas' research interests include vascular plant systematics and cytogenetics, higher education and the role of higher education in economic development.

"We believe that Dr. Thomas has the experience and the ability to build on the fine record President Jordan and his administrative team have compiled. We believe he has the skills and temperament to lead Penn State to even greater levels of achievement.

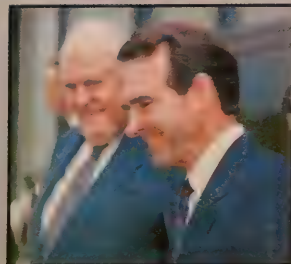
"We feel fortunate to have attracted Dr. Thomas to Penn State. We believe he and his wife, Marly, will bring the University the energy and devotion necessary to enter the next century."

(Continued on page 11)



President and Mrs. Jordan and President-elect and Mrs. Thomas, above, walk across campus to the news conference at which the appointment of Dr. Thomas as Penn State's 15th president was announced.

President Jordan and President-elect Thomas leave the news conference held July 23 in the Keller Conference Center at University Park. (Photos: Greg Grieco)



INSIDE

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Facts on the University of Alabama

The following was provided by the University of Alabama's News and Broadcast Services

Location: Tuscaloosa, Ala., population about 75,000 - 60 miles southwest of Birmingham.

History: Founded in 1831 in Tuscaloosa, the University of Alabama is the state's first university, opening just 12 years after Alabama gained statehood. All but four buildings were burned to the ground in a Civil War battle; the University reopened and rebuilt in 1871.

Landmarks: Denny Chimes, built in 1929 and recently refurbished, rings out the hour with 25 handcast bronze bells. The beautiful antebellum President's Mansion and the Gorgas House are located nearby on the main Quadangle, which is the hub of the 850-acre campus.

President: E. Roger Sayers was named 27th president of UA in 1989.

Description: UA is a comprehensive, residential university, housing its academic programs in 17 colleges, divisions and schools, with more than 120 academic departments and more than 270 accredited undergraduate and graduate degree programs.

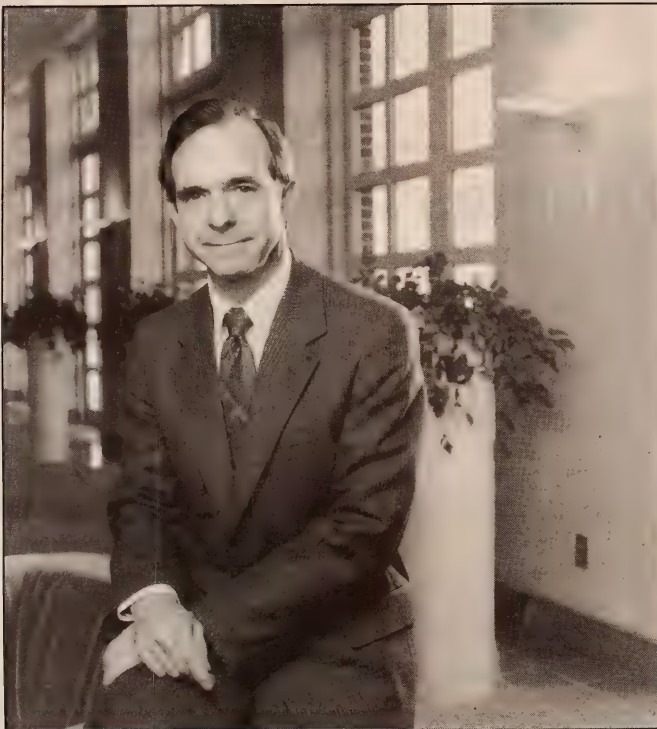
Academic highlights: Among many strong academic programs are an accountancy school ranked 16th nationally in a well-respected business college; the sixth largest school of communication in the nation and the only one in the state; one of the five oldest engineering programs in the country; and other nationally recognized programs in disciplines ranging from fine arts to family medicine. A new university-wide honors program for undergraduates is in its third year.

Faculty: UA faculty excel in teaching, research and service. With a number of endowed chairs and professorships in fields ranging from creative writing to numerical hydrology to real estate, UA attracts internationally known scholars to campus. The amount of external support for faculty research has more than quadrupled in the last five years. UA faculty yearly receive national awards for teaching excellence, research and service in their fields.

Students: UA's 19,469 students hail from every state in the nation and some 67 foreign countries. About 9 percent of UA students are black and African-American. Out-of-state students comprise 31 percent of enrollment. The academic credentials of UA students grow more impressive each year. Admission standards were raised in 1982, and a university-wide core curriculum was instituted in 1983.

Facilities: Two new IBM mainframes and the addition of numerous terminals and mini-computers around campus have dramatically increased computing capability at UA. The state's first Center for Artificial Intelligence Research is now on-line at Alabama, as is a Robotics Laboratory unique to campuses in the Southeast. UA's library is a member of the American Research Libraries.

Building program: A \$100-million building program now nearing completion includes new facilities for the School of Music; the energy, mineral and material sciences programs; the College of Commerce and Business Administration; and the Paul W. Bryant Alumni/Continuing Education Center and Bryant Museum.



Joab L. Thomas

Endowed funds: Endowed funds have increased from \$21.5 million to \$70.5 million - an average annual increase of about \$6.9 million. Endowed scholarship and fellowship funds have increased from about \$1 million to about \$15 million. Endowed research and related funds now total more than \$6 million. In 1981, UA had four chairs; now there are 20. Also in 1981, there was one professorship; now there are 36.

Alumni: With more than 100,000 living alumni worldwide, UA is alma mater to such statesmen as the late Rep. Claude Pepper, Sen. Howell Heflin and the late Supreme Court Justice Hugo Black; director and former CEO of Texaco, John McKinley, and W.W. Clements, CEO of Dr. Pepper; football stars Joe Namath, Ozzie Newsome, Cornelius Bennett and the late Bear Bryant; Mel Allen, voice of the New York Yankees; broadcast journalists Douglas Edwards and John Cochran; authors Gay Talese and Harper Lee; biologist E.O. Wilson; and pro golfer Jerry Pate.

Penn State's presidents

Evan Pugh - 1859-1864
William Henry Allen - 1864-1866
John Fraser - 1866-1868
Thomas Henry Burrowes - 1868-1871
James Calder - 1871-1880
Joseph Shortlidge - 1880-1881
The James Y. McKee Interregnum - 1881-1882
George W. Atherton - 1882-1906
The James A. Beaver Interregnum - 1906-1908
Edwin Erie Sparks - 1908-1920
John Martin Thomas - 1921-1925
Ralph Dorn Hetzel - 1927-1947
The James Milholland Interregnum - 1947-1950
William Stover Eisenhower - 1950-1956
Eric A. Walker - 1956-1970
John W. Oswald - 1970-1983
Bryce Jordan - 1983-1990
Joab Langston Thomas - 1990-

Board of Trustees

College of Business Administration named for Smeals

The Board of Trustees at its meeting July 13 at the Berks Campus approved naming the College of Business Administration to recognize an alumni couple who have been its most generous benefactors.

The new name, the Mary Jean and Frank P. Smeals College of Business Administration, honors the Smeals, of Rumson, N.J., who last November gave \$10 million to the college. It was the largest individual donation in the University's history and the most recent of several major gifts by the Smeals to Penn State.

"We're delighted that Frank and Mary Jean Smeals have received this honor," President Jordan said. "They are longtime supporters of Penn State, and their continuing interest in the University has enabled us to bolster academic programs in a variety of fields.

"It is appropriate that their name should be associated with Penn State in this permanent and highly visible way."

The Smeals are 1942 graduates of Penn State. Frank Smeals, who received a bachelor's degree in economics, is a limited partner of the investment firm of Goldman, Sachs & Co. and chairman of the College of Business Administration's board of visitors, an executive-level advisory group.

Mary Jean Smeals received her bachelor's degree in arts and letters and has strong interests in poetry and literature. The Smeals' \$10 million gift will be used to create five faculty chairs and a college endowment.

"We're extremely pleased that the Trustees have honored the Smeals in this way," Dean J.D. Hammond said. "Their generosity is helping us to establish our reputation as one of the nation's leading business schools. In addition, Frank's counsel and the example of alumni involvement he has set will benefit our students and faculty for generations.

The Trustees' action marks the second time that Penn State has named an academic college to honor a benefactor. In March, the Eberly College of Science was named to recognize the Eberly family of Untown. The Eberly Family Charitable Trust had given the University \$10 million in 1986 to create eight faculty chairs in the college, and establish \$1 million endowments for the Biotechnology Institute and for science education at Penn State Fayette Campus.

The Smeals College of Business Administration enrolled about 7,200 baccalaureate, 470 graduate and 900 associate degree students in 1989-90. It conferred nearly 2,000



Mary Jean Smeals, William Schreyer (center) and Frank P. Smeals

degrees at all levels that year and has more than 42,000 living alumni. In addition, the college's Executive Programs served more than 700 upper-level managers from nearly 40 nations in 1989-90, and more than 35,000 people enrolled in its continuing education programs.

Business Week recently rated the college's MBA program as one of the nation's "up-and-comers," while *U.S. News and World Report* ranked the program eighth among public universities and 20th among all universities.

The \$10 million Smeals gift put The Campaign for Penn State, the University's six-year private fund-raising effort, over its \$300 million goal seven months before its scheduled end on June 30, 1990. Mr. Smeals also served as one of three Campaign vice chairmen.

In previous Campaign gifts, the Smeals contributed \$1 million to endow a chair in literary theory and comparative criticism in the College of the Liberal Arts and a \$675,000 lead gift to Penn State DuBois Campus's successful drive to raise \$2 million in private support for a new academic building. Mr. Smeals also was instrumental in creating the Goldman, Sachs & Co. and Frank P. Smeals University Endowed Fellowship in Business Administration with a \$100,000 gift from Goldman, Sachs.

In 1982, the Smeals endowed the Katey Lehman Creative Writing Awards in memory of Mrs. Smeals's sister, who was a journalist and the wife of Penn State Alumni Association Executive Director Emeritus Ross B. Lehman. The following year, they endowed the Henry W. Popp Graduate Assistantship in Botany and Plant Pathology in honor of Mrs. Smeals's father, a longtime member of the botany faculty.

Mrs. Smeals is a native of State College, while Mr. Smeals was born in rural Jefferson County, the son of a coal miner. It took five years of working part-time and a mortgage on his parents' home before he could achieve his goal of a college education. He began that education at Penn State DuBois Campus in 1939.

Mr. Smeals, who also holds an MBA from Harvard University and a law degree from New York University, spent a 38-year career on Wall Street as an expert in the municipal bond market and was instrumental in counseling New York City through its fiscal crisis in 1975-76.

He received the University's Distinguished Alumnus Award in 1974, and in 1986 was named an Alumni Fellow of the College of the Liberal Arts. Penn State DuBois honored him as an outstanding alumnus in 1987.

Budget approved

The Board of Trustees approved a 1990-91 total operating budget of \$1,239 billion for the University during its meeting July 13 in Reading.

Following two days of meetings hosted by the Penn State Berks Campus, the Board approved funding levels for the new fiscal year and set tuition rates.

Anchoring the total operating budget is the general funds budget of \$775 million. The general funds budget supports the basic teaching, research and public service programs of the University, as well as academic and administrative support activities and maintenance of the physical plant.

An across-the-board 6 percent tuition increase for the 1990-91 academic year was approved by the Board.

Details on the budget and the tuition increase are in the July 12 issue of *Intercom*.

University announces academic promotions

The following promotions in academic rank are effective July 1:

To Professor

Edward O. Bixler, Psychiatry
Harold E. Cheatham, Education
Fan-Bill Cheung, Mechanical Engineering
Gary S. Cross, European History
James M. Davis Jr., English, Penn State Erie, The Behrend College
Marylene Dosse, Music
Mary W. Dunn, Agricultural Economics
Lamar E.V. Ekblad, Obstetrics and Gynecology
Herschel A. Elliott, Agricultural Engineering
James T. Engelder, Geosciences
George M. Enteen, Russian History
Juan Fernandez-Jimenez, Spanish, Penn State Erie, The Behrend College
Anna H. Gajar, Special Education
Roger L. Geiger, Education

Robert R.M. Gifford, Surgery
Harvey R. Gilbert, Communication Disorders
David J. Green, Ceramic Science and Engineering
Lester C. Griel Jr., Veterinary Science
Thomas A. Hale, African, French and Comparative Literature
Edmund J. Holcomb, Floriculture
Paul R. Howell, Metallurgy
Kenneth W. Johnson, Mathematics, Ogontz Campus
Arun Kilara, Food Science
David R. Lachterman, Philosophy
John P. Lucas, Architecture
James A. Lynch, Forest Hydrology
Shirley Marchalons, English and Comparative Literature, Berks Campus
Moylan C. Mills, Integrative Arts, Ogontz Campus
Dennis J. Murphy, Agricultural Engineering

Wesley N. Musser, Agricultural Economics
Robert N. Pangborn, Engineering Mechanics
Asok Ray, Mechanical Engineering
Anthony A. Salvia, Statistics, Penn State Erie, The Behrend College
Pondichery G. Satyawarop, Obstetrics and Gynecology
Robert B. Slaney, Counseling Psychology
Charles H. Strauss, Forest Economics
James R. Sweeney, Medieval History
Kathryn Towns, Community Psychology and Women's Studies, Penn State Harrisburg, The Capital College
Chen-Pei David Tu, Biochemistry and Molecular Biology
Stephen R. Turns, Mechanical Engineering
Fred W. Vondracek, Human Development
Merwin L. Weed, Engineering, McKeesport Campus
Jeffrey S. Wicken, Biochemistry, Penn State Erie, The Behrend College
Please see "Promotions" on page 4.

From the Trustee Docket

Applications

Applications to the University continue to reflect state and national declines in high school graduates. Trustees have learned.

In an informational report, Charles L. Hosler, acting executive vice president and provost, said, "With a 7 percent decline in the number of Pennsylvania high school graduates, it is not surprising that applications were down by 6 percent, compared with last year. The University received 38,892 applications in 1989-90 compared with 40,595 in 1988-89."

Total applications to colleges and universities nationwide for fall 1990 are down 6.5 percent over last year, while March application figures for some Middle Atlantic universities were down as much as 14 percent.

Penn State applications reached an all-time low in 1987-88 with 44,291, approximately 2,000 more than the year before.

"The number of students who have accepted an offer of admission is 9,295 University-wide, down 4 percent from a total of 9,663 last year, Dr. Hosler said.

Paid accepts to University Park are 4 percent ahead of last year, and down 8 percent at the Commonwealth Campuses.

"Some campuses are seeing notable increases in enrollments, although the picture is mixed," he added. The Penn State Berks Campus has a 49 percent increase in baccalaureate paid accepts and a 65 percent increase in associate degree paid accepts.

The Shenango Campus is up 8 percent in baccalaureate paid accepts, while paid accepts are down 4 percent at Penn State Erie. The Behrend College, which is deliberately reducing the size of its entering

class to increase the number of upper level students and introduce selected graduate programs.

"Given the demographics, Penn State applications continue to be encouraging. Most institutions are feeling the effects of these shifts, which will continue through the next four or five years," Dr. Hosler said.

Between 1990 and 1994, Pennsylvania will have a decrease of approximately 20 percent fewer high school graduates, and competition will increase among the state's 212 postsecondary institutions.

Emeritus awards

President Jordan and University Trustee Helen D. Wise have been awarded emeritus rank by the Board of Trustees.

"The members of the Board of Trustees take pleasure in establishing this permanent tribute to the accomplishments of Dr. Jordan and Dr. Wise," Board President J. Lloyd Huch said.

Dr. Jordan was named president emeritus and Dr. Wise was named Trustee emeritus.

During his administration from 1983 to 1990, Dr. Jordan has achieved the

University's goal to become one of the top public research universities in the nation. The six-year Campaign for Penn State for academic support and programs concluded on June 30, surpassing its \$300-million goal for a total of \$352 million.

Research expenditures have nearly doubled from \$115 million in 1983 to more than \$260 million in 1990. State appropriations have grown nearly 61 percent from \$149 million in 1983 to \$243 million in 1990.

Total enrollment has risen from 61,761 in 1983 to 70,031 in 1989, with a major

increase of 75 percent in minority enrollment during the same period.

"Dr. Jordan has done an outstanding job of leading the university and securing its status among the best public research universities in the nation," Mr. Huch said.

Dr. Wise, currently deputy chief of staff for Gov. Robert Casey, has served as a board member for 21 years from 1969 to 1990, during which time she served on numerous special and standing committees. She has been appointed and elected by the Trustees to positions of leadership on the Board including: chair and vice chair of the

Special Advisory Committee on

Affirmative Action; chair and vice chair of the Committee on Educational Policy; member of the Executive Committee; and a member of the Board of Directors of the Renaissance Fund.

Dr. Wise has been supportive, encouraging and devoted to the University," Mr. Huch said. "We consider her a loyal and dependable friend of the University and applaud her successful efforts in helping Penn State to attain the success it enjoys as a major influence in the academic world."

Promotions

(Continued from page 3)

J. Randall Woolridge, Finance
Richard H. Yahner, Wildlife Management

To Associate Professor

Michael Adewumi, Petroleum and Natural Gas Engineering
Richard I. Ammon, Education, Penn State Harrisburg, The Capital College
Ayoub B. Ayoub, Mathematics, Ogonz Campus
Kevin Berland, English, Shenango Valley Campus
James D. Boyer, English, Berks Campus
Linda Burton, Human Development
J. Louis Campbell III, Speech Communication, Altoona Campus
Gary L. Catchen, Nuclear Engineering
Barbara J. Christ, Plant Pathology
David P. Christy, Management Science
John M. Cimbal, Mechanical Engineering
James R. Connor, Anatomy
Timothy J. Cosidine, Mineral Economics
William G. Crisman, English, Comparative Literature and German, Altoona Campus
John P. Dattilo, Leisure Studies
Steven deHart, German and Humanities, Penn State Erie, The Behrend College
Brian A. Dempsey, Civil Engineering
Alan Derickson, Labor Studies and Industrial Relations
Ralph L. Eckert, History, Penn State Erie, The Behrend College
Pius J. Egbelu, Industrial Engineering
William C. Ellis, English, Hazleton Campus
John L. Eizel, Economics, Penn State Erie, The Behrend College

George W. Franz, History, Delaware County Campus
Richard C. Frushell, English, McKeesport Campus
Robin L. Gibson, Art
Jerry D. Glenn, Surgery
Joseph H. Goldberg, Industrial Engineering
Abraham S. Grader, Petroleum and Natural Gas Engineering
Garry Hagberg, Humanities and Philosophy, Penn State Harrisburg, The Capital College
Irene E. Harvey, Philosophy
M. Kathleen Heid, Education
Julia C. Hewitt, Spanish and Portuguese
Nigel D. Higson, Mathematics
Joan M. Hocking, English, Mont Alto Campus
Paul J. Huth, Engineering, Ogonz Campus
Lenworth N. Johnson, Ophthalmology

Thomas F. Juravich, Labor Studies and Industrial Relations
Richard C. Kane, English, Mont Alto Campus
William L. Kenney Jr., Exercise and Sport Science
Medhi Khosrowpour, Information Systems, Penn State Harrisburg, The Capital College
Jeanne E. Krochalski, English, New Kensington Campus
Donald E. Kunze Jr., Architecture
John S. Lamancusa, Mechanical Engineering
Andrew S. Lau, Engineering, Penn State Harrisburg, The Capital College
Luen-Chau Li, Mathematics
Thomas A. Litzinger, Mechanical Engineering
Robert P. Marande, Physics, Penn State Erie, The Behrend College

Thomas J. McGarity, Medicine
David B. Meredith, Engineering, Fayette Campus
George R. Milner, Anthropology
Rajen Mookerjee, Economics, Beaver Campus
J. Philip Mosley, English, Worthington Scranton Campus
John L. Myers, Surgery and Pediatrics
Michael M. Naydan, Slavic Languages
James E. O'Hara, English, York Campus
Steven D. Putzel, English, Wilkes-Barre Campus
Richard W. Robinett, Physics
Georg Schutger, Computer Science
Thomas R. Schueger, Engineering, McKeesport Campus
Jo A. Searles, English, Altoona Campus
Mary T. Strauss-Noll, English, New Kensington Campus
Donald B. Thompson, Food Science
Thomas C. Vary, Physiology
Judith R. Vicary, Health Education
Gary S. Webster, Anthropology, Mont Alto Campus
Harold J. Webster, Biology, DuBois Campus

Promotions in Cooperative Extension

The following promotions for staff members in Penn State Cooperative Extension in the College of Agriculture are effective July 1:

To Associate Extension Agent

Deborah A. Bryant
Donna S. Grey
Thomas J. Maloney
Paula C. Mayewski
Gerald J. McComman
Thomas B. Murphy
John E. Rowell
Sanford S. Smith

Karen A. Thomas
Beth A. Whitman

To Extension Agent

Scott Guiser
Elmore R. Hunter
Chester D. Hughes
Barry C. Nelson
Earle D. Robbins

To Senior Extension Agent

A. Jane Beightol
Faye C. Richardson

Brian L. Weiner, Physics, DuBois Campus
Thomas S. Whittam, Biology
James W. Wood, Anthropology
Chih-Chung Yang, Electrical Engineering
Vigor Yang, Mechanical Engineering

To Librarian

Charles T. Townley, Penn State Harrisburg, The Capital College

To Associate Librarian

Patricia O. Rice, Bibliographic Resources and Services

Board of Trustees approves Beaver Stadium expansion

The Board of Trustees has approved final plans and authorized the University to obtain bids and award contracts for the expansion project at Beaver Stadium.

Site preparation and utility improvements began in June for the addition of 10,300 seats to the stadium. The total project cost is estimated at \$12.1 million.

Jim Tarran, director of athletics, said the expansion includes an addition of an upper deck at the north end of the stadium, opposite the scoreboard. The second tier would overhang the existing north stands.

The steel and concrete structure will feature a spectator level under the deck to include such services as concession areas, restrooms and first-aid facilities. A ground-level retaining wall will reduce the site's existing slope and provide for an entry point on the north side of the stadium.

The additional seats would be available for the 1991 football season. This would be the sixth expansion of the stadium, originally a horseshoe configuration seating 46,284, in the last 30 years.

With the addition, Beaver Stadium's revised capacity of approximately 94,000, would be exceeded by only one other campus facility in the nation. More than 10 million fans have watched the Lions play since the stadium was moved from the west to the east side of the campus in 1960. The demand for tickets is illustrated by 71 consecutive home sellouts and annual season renewal rates exceeding 98 percent.

The Nittany Lions have been one of the nation's top four teams in home attendance.



Artist's illustration of expanded seating for Beaver Stadium

Penn State's average crowd for six games at Beaver Stadium last fall was 83,645 and included three of the top five crowds in Lions history. They were: Notre Dame, 86,025, second largest; Alabama 85,973,

third largest, and Virginia 85,956, fourth largest.

In other action, Trustees:

- Approved the lease of up to five acres of land adjacent to Centre Community Hospital property for the development of a medical office complex.

"Penn State is committed to ensuring the continued delivery of quality health care to residents of the Centre Region and beyond, many thousands of whom are employees of the University," Steve A. Garban, senior vice president for finance and operations and treasurer, said.

"Integral to this commitment is the need to maintain a financially strong hospital, supported by independent medical professionals. Clinical office space in close proximity to the hospital will meet common needs and goals of the University, the hospital and the local independent physicians."

The creation of a partnership to develop medical office space next to the hospital was recommended by the Task Force on the Centre Region/Penn State Health Care Delivery System, which received technical support from Marshall Erdmann and Associates, a nationally recognized health

care facility developer previously retained by the local physician group.

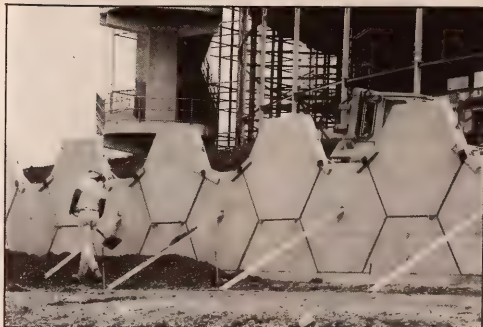
The final terms of the land lease, which will run for a period of 60 years, are being negotiated. The Board of Trustees also has granted an option to lease an additional three acres of University land next to the initial parcel to provide for possible expansion of the facility.

According to preliminary plans, the building will be located to the north of Hospital Drive.

- Authorized the awarding of contracts for construction of a classroom/office building at University Park.

The five-story, 95,000-square-foot building will house general classrooms and lecture halls to accommodate 1,600 students. Office space for the Statistics Department and the dean of the Eberly College of Science also will be included in the facility. The project budget is \$11.2 million.

The building, being designed by IKM Inc. of Pittsburgh, will be located on the northeast corner of the intersection of Pollock and Shortridge roads. The exterior will be brick to complement the existing buildings in the surrounding areas.



Site preparation is under way at the north end of Beaver Stadium. (Photo: Greg Grieco)

The officers of Healthpass Inc. have been unanimously re-elected by the board of directors.

Continuing in their present positions are chairman, John A. Waldhausen, M.D.; vice chairman, G. Victor Rohrer, M.D.; secretary, Clarence A. Brockman; and treasurer, Salvatore Fulginiti. Separately, Gary J. Dillon, chief operating officer of Healthpass Preferred Provider Arrangement (PPA), was reconfirmed as president.

Healthpass Inc., a subsidiary of the Corporation for Penn State, has established

Healthpass Preferred Provider Arrangement, a managed care program now providing healthcare benefits to University employees. The PPA recently has been made available to employees in Central Pennsylvania and currently serves more than 22,000 members.

The Healthpass Inc. officers and board provide administrative services to the Preferred Provider Arrangement as well as to other healthcare ventures under development.

In addition, the Centre Region Physician

Council re-elected John J. Solic, M.D.; George M. McCormick, M.D.; and J. Alfred Jones, M.D., to the Healthpass PPA Operating Council for the Centre Region.

Also on the Centre Region Operating Council are W. Steven Barnes, M.D.; Richard H. Dixon, M.D.; and Lance H. Rose, chief executive officer, Centre Community Hospital. The Operating Council provides administrative and professional direction to Healthpass PPA in servicing existing employers and marketing to additional employers.

Board re-elects the officers of Healthpass Inc.

Focus on the arts

'Sleuth'

British actor Michael Allinson is recreating the role of Andrew Wyke for Pennsylvania Centre Stage's production of the mystery "Sleuth."

Mr. Allinson has starred in productions of "Sleuth" in major theaters in London, on Broadway and during national tours. He described his character as "ingenious, devilish and funny." Wyke tries to control his wife's young lover with a series of deadly games. "Wyke is not going to have his boat rocked by this upstart Milo Tindle," Mr. Allinson explained. His opponent Tindle is played by Terry Sepiro.

In 1971, Mr. Allinson was invited to take over as the mystery writer Wyke in the record-breaking London production. From there, he went on to play opposite Ingrid Bergman in "The Constant Wife," directed by John Gielgud.

Tickets for Sleuth are available now from the Eisenhower Auditorium Ticket Center. The show runs through Aug. 4, with no performances on Sunday and Monday. Evening curtain is 8 p.m.; matinees are at 2 p.m. Prices are \$14 for adults, \$11 for

students and children. Call 863-0255 for information.

The arts on Channel 3

Chiz Rider, a 16-year-old gifted young trumpeter from State College, is featured in a new 30-minute WFSX-TV music special airing at 8:30 p.m. Thursday, Aug. 2, with a repeat broadcast at 7:30 p.m. Saturday, Aug. 18.

Since the age of 3, he has been performing with his family's Brass Plus Ministries and recently was invited to play for the Easter Sunday Service at the Crystal Cathedral in Garden Grove, Calif.

Legendary Broadway comedienne Carol Channing, who lit up the Great White Way with memorable performances in "Gentlemen Prefer Blondes" (1949) and "Hello, Dolly!" (1964), brings her unique brand of comedy and music to Symphony Hall on *Evening at Pops* airing at 9 p.m. Friday, Aug. 3.

With the help of John Williams and the Boston Pops Orchestra, Ms. Channing romps through a comic song-and-patter routine that includes her hits "Diamonds are a Girl's Best Friend" and "Hello, Dolly!"



Cynthia Spencer's color photographs are on display in Pattee Library's Lending Services Gallery.

Piano concert

The Department of Spanish, Italian and Portuguese, in conjunction with the School of Music and Phi Sigma Iota, the foreign language honor society, will present a concert by the Italian pianist Martino Mureddu at 8 p.m. Sunday, July 29, in the School of Music Recital Hall at University Park.

The concert is free and open to the public. Mr. Mureddu will perform "Carnaval, op. 9" by Robert Schumann, "Miserere" (from Giuseppe Verdi's "Il Trovatore") transcribed by Franz Liszt and "Ballade II" and Concert Paraphrase of Rigoletto by Franz Liszt.

Mr. Mureddu holds two diplomas in piano performance, the first from the Conservatorio di Sassari (Sardinia, Italy), and the second, awarded with high honors, from the Accademia Internazionale Superiore Lorenzo Perosi.



Martino Mureddu

Mr. Paden tries to create what he calls a "wilderness feeling," which predominates in these paintings.

Pattee exhibits

West Lobby

A selection of works from the Arts Library's Permanent Collection is on display in the West Lobby through Sept. 7.

The show features contemporary prints illustrating the lithograph, monograph and woodcut printing processes. The Permanent Collection contains prints from the 1930s to 1990. In recent years, prints have been chosen to represent new or unusual techniques.

Lending Services Gallery

Cynthia Spencer currently is showing her color photographs in the Lending Services Gallery through Aug. 31.

The photos document her daily commute from Hollidaysburg to State College, where she is employed by HRB Systems.

East Corridor Gallery

David C. Paden's exhibit "Quietudes" is on display in the East Corridor Gallery through Aug. 17.

The group of 17 pastel paintings on paper depicts images of soft-edged landscapes of imaginary places. Through the use of color, mood and simplistic forms,

Mixed media exhibit

Artworks by Susan Chandler of Clearfield and Kathleen Mendus Dlugos of Greensburg will be featured in an exhibition at Zoller Gallery at University Park Aug. 5 to 12.

The works on exhibit are the culmination of a two-year master of fine arts degree program.

Ms. Chandler says that her influences come from a variety of sources such as quilt designs, religious icons and ancient ceremonial objects. The works emphasize the usage of mixed media including paint, beeswax, earth, sticks and lace.

Ms. Dlugos received her bachelor of arts and bachelor of fine arts degrees from Seton Hill College. Her work has changed in many ways since her undergraduate studies, but she has maintained her interest in painted light.

The public is invited to attend the closing reception from 3 to 5 p.m. Aug. 12. Zoller Gallery, located in the Visual Arts Building, is open 10 a.m. to 4 p.m. Monday to Friday, 11 a.m. to 4:30 p.m. Saturday and noon to 4 p.m. Sunday.

University accepts invitation to join the CIC

The University has been invited to join the Committee on Institutional Cooperation—the academic arm of the Big Ten.

The invitation was made in a letter to President Jordan from CIC Chair Kenneth R. R. Gros Louis, vice president, Indiana University, and chancellor, Bloomington Campus.

Founded in 1958, the CIC is the academic consortium of 12 major research universities (Big Ten members and the University of Chicago). It has as its principal function the promotion and facilitation of communication and cooperation among members at all levels and in all areas with the exception of

intercollegiate athletics.

In accepting the invitation to join the CIC, President Jordan said the University looks forward to participation in all phases of the consortium.

"A number of individuals representing particular areas of the University already have been invited to be a part of discussions relating to their activities," he said. "We appreciate the welcoming nature of these overtures on the part of groups within the CIC."

CIC members, who are appointed by the presidents of their institutions, act as the consortium's governing board.

In keeping with this long-standing

practice and tradition, President Jordan appointed Charles L. Hosler, acting executive vice president and provost, as Penn State's member to the CIC.

Dr. Gros Louis said that the consortium would be able to begin to integrate Penn State into some CIC programs immediately and would hope to have the University participating fully in all CIC programs within the next two years.

"We believe the CIC membership offers many advantages to The Pennsylvania State University and that your addition will make the CIC a stronger organization as we move forward into the 1990s" he wrote.

Leave of Absence

College of Education

Murry R. Nelson, professor of education, to lecture in American studies for the Norwegian Council for Upper Secondary Education, Oslo, Norway.

Obituaries

John S. McClelland, administrative aide in the College of Engineering since June 1, 1960, died July 7. He was 54.

Audrey L. McWilliams, 56, room clerk at the Nittany Lion Inn since Nov. 16, 1987, died July 11.

University Park Calendar

July 26 --

August 12

Special Events

Thursday, July 26

Summer Sessions, music at noon, Fisher Plaza;
seminar 3:30 p.m., Nittany Lion Inn, Fireside
Lounge, Dr. Jayanth Banavar on "Molecular
Dynamics of Fluid-Solid Systems";
Explazaganta concert, 7:30 p.m., Fisher Plaza.

Friday, July 27

Summer Sessions, brown bag seminar, noon-1
p.m., Pavilion, France Cordova on "Women in
the Sciences"; Diversions, ice cream, 7:8 p.m.,
Creamery; Delta Aquatic Meteor Shower, star
party/open house, 9:11 p.m., 6th floor, Davey
Lab (raindate 7/28).

Saturday, July 28

Shaver's Creek, Bird Walk, 7-9 a.m.; Bats are
Beautiful, 8-10 p.m. Call 863-2000.

Summer Sessions, nine-ball billiard tournament.

Sunday, July 29

Shaver's Creek, The Winged Hunters, 2-4 p.m.
Call 863-2000.

Summer Sessions, seminar, 3:30 p.m., Fireside
Lounge, Nittany Lion Inn. Dr. Jayanth Banavar
on "Molecular Dynamics of Fluid-Solid
Systems."

Tuesday, July 31

Shaver's Creek, Day Camp III, Outdoor
Adventure Camp II, through Aug. 4. Call 863-
2000.

Summer Sessions, music at noon, Fisher Plaza;
Explazaganta film, 9 p.m., Fisher Plaza.

German Dept. film, 8 p.m., 108 Warlik.

Middlerting

Wednesday, August 1

Classes end 9:55 p.m.
Summer Sessions, 9 p.m., film, HUB lawn, rain
location: HUB Assembly Room. *6 Men Out*.

Thursday, August 2

Women of Color, luncheon, noon-1 p.m., Hotel
State College.

Sunday, August 5

Shaver's Creek Naturalist Club, 1 p.m.;
Orienteering and Survival, ages 9-12, 2-4 p.m.
Call 863-2000.

Saturday, August 11

Commencement.
Shaver's Creek, Meteor Shower Camp-out, 7
p.m.-9 a.m., through Aug. 12. Call 863-2000.

International Events

Fulbright deadline

Aug. 1 is the new deadline for applying for
research and lecturing awards to Africa, Asia
(except India), Eastern Europe, Middle East and
Western Europe, for lecturing-only awards to
Mexico, Venezuela and Caribbean Islands; and
for travel-only awards to France, Italy and the
Federal Republic of Germany. For information,
contact Elizabeth B. Smith at 865-7681.

Reception

The Penn State Club of Centre County and the
Community International Hospitality Council
will sponsor a welcome reception for new
international students at 7:30 p.m. Aug. 16 in
Kern Graduate Building.

Public Radio

WPSU-FM 91.1

All Things Considered, Monday-Friday, 5:30-6:30
p.m.; Saturday and Sunday, 5:6 p.m.; Morning
Edition, Monday-Friday, 6:30 a.m.; Weekend



Michael Allinson (left) plays Andrew Wyke, and Terry Suplico plays Milo Tindle in Pennsylvania Centre Stage's production of the mystery "Seuth." In this scene, the characters plan to use disguises to steal some jewels. See the story on page 6. (Photo: Greg Grisco)

Education, Saturday and Sunday, 11 a.m.-1 p.m.
Odyssey Through Literature, 12:30 p.m.
Wednesdays, with S. Leonard Rubinstein.
Perspectives, 6:30 p.m. Wednesdays. Creative
License, 12:30 p.m. Thursdays, with Asa Berlin
and Pam Sautier.

Conferences

Continuing Education

Keller Building

July 29-Aug. 2, High School Publications
Workshop, R. Thomas Berner, professor of
journalism, chair; Bill Sterner, coordinator.

July 29-Aug. 3, Communications Workers of
America, District II. Richard Hindle, associate
professor of labor studies and industrial
relations, chair; Eric Loop, coordinator.

July 29-Aug. 3, Hispanics in Teaching, James
Nolan, assistant professor of education, chair;
Donna Rickeltes, coordinator.

July 29-Aug. 4, Elderhostel VI, J. Jerome Zolten,
assistant professor of speech communications,
chair; Barb Impellitteri, coordinator.

July 30-Aug. 3, Water Treatment Program, James
Tomlinson, senior project associate in
architectural engineering, chair; Norm
Lathbury, coordinator.

Aug. 3-5, Postmaster Development Seminar, Jerri
Milson, coordinator.

Aug. 5-10, Credit Union Management Institute,
Shirley Hendrick, assistant dean for continuing
education, College of Business Administration,
chair; Barb Impellitteri, coordinator.

Aug. 6-8, Water Works Operators of
Pennsylvania, David Long, professor of civil
engineering, chair; Eric Loop, coordinator.

Aug. 8-10, Statistics for Productivity, M. Iyeta
Chandra, associate professor of industrial
engineering, chair; Jack Sindair, coordinator.

Seminars

Saturday, August 18

College of Ag and Biotechnology Institute, 10:20
a.m.-1:20 p.m., 312 Keller. International
Telecommunications Symposium on Plant
Biotechnology.

Exhibits

HUB Galleries

Formal Gallery, Art Alley, Browsing Gallery:
Images 90, through July 27.

Kern Galleries

Nittany Valley Chapter Embroiders Guild of
America, through July 31.
Pat Dunmire Ceramic Wall Hangings, through
July 31.

Central Pa. Festival of the Arts exhibition,
through July 31.

Palmer Museum of Art
Selection from the Permanent Collection,
through Oct. 7.

Central Pa. Festival of the Arts, Realist

Watercolors, through Aug. 5.

The Machines of Leonardo da Vinci, Aug. 12-
Nov. 4.

Pattie Library

Rare Books Room

Kenneth Burke, correspondence, through Aug. 17

East Corridor Gallery

David C. Paden, Quietudes, landscape pastels,
through Aug. 17.

Lending Services Gallery

Cynthia Spencer, photos, through Aug. 31.

West Lobby Gallery

Permanent collection from the Arts Library,
through Sept. 7.

Zoller Gallery

Crafts National 24, through July 30.

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of
the message you wish to hear. Messages are
listed in the front of the telephone directories.
Other messages are Weather-234; Arts Line-
345; University Calendar-456.

Students attending Governor's School

Sixty-four talented Pennsylvania high
school students are participating in the
1990 Pennsylvania Governor's School for
the Agricultural Sciences which opened July
1 and ends Aug. 4.

As part of their studies, the students
conduct an independent research project in
a subject of their choosing. Faculty experts
serve as mentors to the students.
In addition to their independent study

projects, participants take core classes, such
as farm animal welfare, genetics and
economic issues in agriculture. They also
choose from elective courses. While at
Penn State, students live in the residence
halls.

The Governor's School is sponsored by
the Pennsylvania Department of Education,
the state's intermediate units and the
College of Agriculture.

Trustee Docket cont.

HRIM building is named

The new building planned for the School of Hotel, Restaurant and Institutional Management has been named for A. Laura Mater and her late husband, Marlin C. "Matty" Mater under action taken by Trustees. Officials anticipate breaking ground for the new structure in the spring of 1991.

"I am delighted that Laura and Matty have been honored in this way," President Jordan said. "Both have played an integral part in the growth of this school from the very beginning, and Mrs. Mater has continued this friendship and support for almost 20 years."

Laura Mater, who now lives in Fort Lauderdale, Fla., recently gave \$500,000 to the school's building fund. In 1988, she gave \$1 million to the school, which is part of the College of Health and Human Development, in memory of her husband. She also has endowed a fund to support research and other scholarly activities in hospitality management.

The proposed 11,000-square-foot building will be adjacent to Keller Building. It will house a dining room, production and research kitchens, classrooms, a multimedia resource center and administrative and faculty offices.

Construction costs are estimated at \$5.4 million. The University has allocated \$1.5 million for the project, and private support

will provide the remaining \$3.9 million. The college also plans to raise \$1.5 million for equipment.

The Maters were longtime State College residents. Matty Mater, who died in 1971, was manager and part owner of the Corner Room restaurant and State College Hotel for nearly 50 years. He was instrumental in establishing Penn State's curriculum in hospitality management — among the nation's first — in 1937.

Laura Mater, an Altoona native, is a 1923 graduate of Indiana University of Pennsylvania and a former elementary school teacher. She was made an honorary alumna of Penn State in 1989.

In 1925, three years after graduating from Penn State, Mr. Mater and two partners opened the Corner Room restaurant in the State College Hotel, opposite the main campus gate. He was manager and part owner of the restaurant and hotel until his retirement in 1971. In those 46 years, he employed hundreds of Penn State students in all phases of food service and hotel management.

Mr. Mater also owned and managed the Allentown Tea Room in State College in the 1930s and 1940s. He later served as president of the Pennsylvania Restaurant Association and Pennsylvania Hotel Association. In 1960, he was the first to be named "Executive of the Year" by the Penn State Hotel and Restaurant Society.

Education programs

A new associate degree major in nursing, along with eight other changes in undergraduate majors and options, has been reviewed by the Board of Trustees.

The associate degree major in nursing, offered in the College of Health and Human Development, prepares students for employment primarily in hospitals and long-term care facilities.

The College of the Liberal Arts will now offer a minor in Hebrew, with coursework focusing on the modern language in the context of contemporary Jewish culture and society.

A minor in health studies has been added in the College of Health and Human Development. In consultation with an

adviser, students will plan a program with courses drawn from several disciplines.

The College of Agriculture will now offer a minor in agricultural business management. The College also has added an option in international agricultural business management in the majors of agricultural economics and rural sociology.

The College of Health and Human Development has implemented a new institutional management option for the major in hotel, restaurant and institutional management.

The final changes involve the dropping of three options in the geosciences major: biogeology, general and geophysics. The geosciences major is offered in the College of Earth and Mineral Sciences.

New policies are being developed

The University is developing policies governing intellectual property, technology transfer and entrepreneurial activities of Penn State employees.

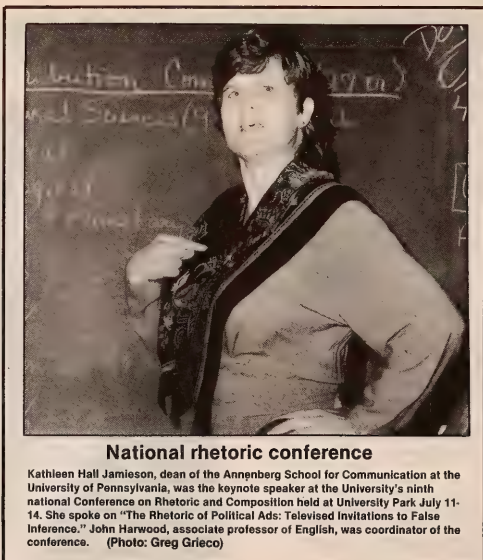
"Policies governing these matters will ease the process whereby creative and scholarly works may be put to public use and/or commercial application while still protecting the University's interests," K. Jack Yost, associate vice president for research and technology transfer, said.

"The policies will be designed to ensure that the outside activities of University personnel are pursued in a manner consistent with their primary obligations of

teaching, research and service to the public."

According to Dr. Yost, technology transfer and entrepreneurial activity topics to be addressed include utilization of University resources by faculty with interests in outside enterprises; collaborative research between the University and industry, and commercialization of University technology.

Intellectual property topics to be addressed include the role of the University's Intellectual Property Office in patent and copyright matters; faculty rights to inventions developed for the University, and faculty consulting activities.



National rhetoric conference

Kathleen Hall Jamieson, dean of the Annenberg School for Communication at the University of Pennsylvania, was the keynote speaker at the University's ninth national conference on rhetoric and composition held at University Park July 11-14. She spoke on "The Rhetoric of Political Ads: Televised Invitations to False Inference." John Harwood, associate professor of English, was coordinator of the conference. (Photo: Greg Grieco)

In Eberly College of Science

Dr. Dixon gets service award

Joseph Dixon, professor emeritus of chemistry and former head of the Department of Chemistry, has received the Eberly College of Science Alumni Society Distinguished Service Award for "his many years of dynamic leadership as head of the Department of Chemistry, for his inspiring teaching, and for his dedicated University service."

Dr. Dixon, who served as assistant head of the Department of Chemistry for five years, was department head from 1971 until his retirement in 1984.

A member of the American Chemical

Society (ACS) since 1942, Dr. Dixon recently was elected 1990 chairman of the ACS board of directors. The ACS is the largest scientific professional organization in the country. He has served on numerous ACS national committees and has served in several capacities including secretary, vice chairman, chairman, and counselor-of the ACS Central Pennsylvania Section.

Listed in "American Men and Women of Science" and "Who's Who in America," he is a member of the American Association for the Advancement of Science, the American Association of University Professors, the Pennsylvania Association of College Chemistry Teachers, Phi Eta Sigma, Phi Lambda Upsilon, and the scientific honorary society Sigma Xi.

Dr. Dixon earned his bachelor's, master's, and doctoral degrees at Penn State and from 1947 to 1951 was a chemistry instructor at the University. After a brief interruption from 1951 to 1955, during which time he was a chemist at the California Research Corp. and an associate professor of chemistry at Lafayette College, he returned to Penn State.

Partings

Harvey M. Jensen, associate professor, Applied Research Lab, from May 1, 1955, until May 1.

Richard M. Kyle, locksmith-hardware maintenance, Office of the Physical Plant, from Nov. 22, 1965, until June 30.



Joseph Dixon

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling.

The brief statements for each vacancy are illustrative. They are not complete position descriptions. This announcement is made so that all University employees who are interested in promotion may APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-6304 (NIGHTLINE 433-0004). Applications for these staff vacancies will be accepted until Aug. 2. **DO NOT CONTACT THE AREA THAT HAS THE VACANCY.** Applications for staff vacancies are considered in accordance with Fair Employment Practices (FES) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

***00750, Police Service Officer, University Safety, University Park Campus** - Enforce national, state and local laws, and appropriate University regulations through investigation, apprehension and prosecution of violators. Individuals must pass physical exam by doctor, physical fitness test administered by department and psychological test. Requires associate degree, or equivalent, and one to two years of effective experience in law enforcement. Similar combinations of education and experience may satisfy the above requirements. Actual pursuit of a baccalaureate degree in social sciences is desirable. **STAFF GRADE 5.**

***00751, Systems Analyst, Computer and Information Systems, Office of Telecommunications, University Park Campus** - Responsible to the senior staff for providing support to the Office of Telecommunications for the design, development and implementation of innovative data processing systems. Assist in the interaction with staff to define problem areas and develop solutions that achieve the desired result. Requires bachelor's degree, or equivalent, in a computer-related field, plus two to four years of effective experience in computer programming and systems design to include database management systems. **STAFF GRADE 7.**

***00752, Senior Auditor - Computer Systems, Corporate Controller, University Park Campus** - Responsible to the audit manager-computer systems for the analysis of systems and the development of computer programs to audit and evaluate the integrity of processing and reliability of controls in a wide variety of University systems. Requires bachelor's degree, or equivalent, in accounting, computer science or related management field, plus two to four years of effective experience in internal auditing or in financial or operational facets of administration. Experience with security software, operating systems and/or at least one major programming language desired. Incumbent must be able to express himself/w herself orally and in writing. **STAFF GRADE 7.**

***00753, Program Director, Vice President/Vice Provost, Partnership Program, University Park Campus** - Responsible to the partnership director for directing and overseeing the operation of assigned partnership program, for assisting in planning, educational support programs and for coordinating various programs with school district personnel, community organizations and University staff. Requires master's degree, or equivalent, and two to two years of effective experience in developing and supervising the implementation of educational programs. A demonstrated ability to work with low-income and under-achieving students and strong communication skills also are required. Excellent Spanish oral and written communication skills preferred. **POSITION LOCATED IN READING, PA. STAFF GRADE 7.**

***00754, Head Women's Tennis Coach (Probable), Interscholastic Athletics, University Park Campus** - Responsible for organization and administration of

Women's Tennis Program. Recruit excellent student athletes. Must possess coaching expertise and sound management skills and have a thorough knowledge of NCAA rules. Must have demonstrated skill in administration to direct a Division I program. Requires bachelor's degree, or equivalent, plus one to two years coaching experience. Head coach experience with coaching college-aged athletes is preferred. This is a 12-MONTH APPOINTMENT. **STAFF GRADE 6.**

***00755, Senior Research Aide, Agriculture, Horticulture, University Park Campus** - Responsible for providing support for fruit crops extension education and research program to include collection and analyzing data, assisting with data presentation and supervision of assigned employees. Act as resource person for extension specialists. Requires bachelor's degree, or equivalent, in horticulture or related field, plus one to two years of effective experience. Must have passed test for Category 18 Public Pesticide License. **STAFF GRADE 5.**

***00756, Supervisor, Library Services, Applied Research Laboratory, ARL Administration, University Park Campus** - Responsible to the assistant director, planning, operations and director of heart transplantation services and director of the management of the library, preparation and monitoring of budgets and supervision. Requires bachelor's degree, or equivalent, in library science or related field, plus two to four years of effective experience in academic, research or technical libraries and U.S. citizenship. **STAFF GRADE 7.**

***00757, Senior Drafter, Electro-Mechanical, Applied Research Laboratory, ARL Operations, University Park Campus** - Responsible to the supervisor, design and drafting, for the accurate performance of a variety of drafting operations on all types of drawings for electronic, electro-mechanical, mechanical, hydraulic and acoustic equipment and devices, and for checking the drawings of drafter, electro-mechanical. Requires associate degree, or equivalent, in electro-mechanical drafting, with one to two years of effective experience and U.S. citizenship. **STAFF GRADE 4.**

***00758, Transplantation Coordinator, College of Medicine, Department of Surgery, The Milton S. Hensley Medical Center** - Responsible to the director of heart transplantation services and assistant nursing director, medical/surgical, for providing assistance to the physician in the evaluation, care and education of transplant patients and their families. Requires a bachelor's degree, or equivalent, in nursing (RN license required) or certification as a physician's assistant, plus three to four years of effective experience in the delivery of patient care. Master's degree in nursing or other related field preferred. **STAFF GRADE 7.**

***00759, Research Data Writer, College of Medicine, Department of Psychiatry, The Milton S. Hensley Medical Center** - Responsible to the chairperson, Department of Psychiatry, and to the chief of research for the preparation and writing and/or assistance in writing of various reports, articles, manuscripts, etc., related to the departmental research program. Requires bachelor's degree in composition or journalism, plus two years of effective experience in the writing and preparation of reports. **STAFF GRADE 4.**

***00760, Medical Social Worker II, College of Medicine, Department of Social Services, The Milton S. Hensley Medical Center** - Responsible to the social services coordinator for providing inpatient and outpatient social services and providing practical help and emotional support to patients and their families. Requires master of social work degree from an accredited college or university, and/or equivalent, plus one to two years of effective experience. **STAFF GRADE 6.**

***00761, Senior Medical Photographer, College of Medicine, Department of Educational Resources,**

The Milton S. Hensley Medical Center - Responsible to the director of educational resources for the proper and efficient medical photographic services of the department. Requires a high school graduate with a formal education in school of photography, with up to two years additional college level courses in anatomy, histology and cytology, plus at least four to seven years medical photographic experience. **STAFF GRADE 7.**

***00762, Clinical Nurse Specialist/Coordinator, AIDS Research Study, College of Medicine, Medicine/Hematology, The Milton S. Hensley Medical Center** - Responsible to the principal investigator for the coordination of a multicenter NIH-sponsored drug study involving patients with immunodeficiency virus (HIV) infections. Requires master's degree in nursing, plus one to two years of effective experience in area of expertise and current licensure by Pennsylvania State Board of Nursing. **STAFF GRADE 7.**

***00763, Administrative Head Nurse, University Hospital, Nursing/Pediatrics, The Milton S. Hensley Medical Center** - Responsible to the nursing manager-assigned nursing unit, for assistance in handling the day-to-day administration of the assigned nursing unit; assume responsibility in the absence of the manager of the behavior of nursing in nursing from an accredited school of nursing, plus one to two years of effective experience and current license to practice as a registered nurse by the Pennsylvania State Board of Nursing. **STAFF GRADE 6.**

***00764, Vocational Services Specialist, University Hospital Rehabilitation Center, Elizabethtown Hospital** - Responsible to the manager, vocational service, to provide evaluation, counseling and placement services for assigned clients at Elizabethtown Hospital and Rehabilitation Center and the Central Pennsylvania Hemophilia Program at University Hospital. Requires bachelor's degree, or equivalent, in the field of psychology, sociology, health science, rehabilitation counseling or related field, plus one to two years of effective experience. **STAFF GRADE 5.**

***00765, Supervisor, Athletic Recreation Operations, Administration, Delaware County Campus** - Responsible to the director, student recreation services, and the director of academic affairs for scheduling facilities and personnel for special events, athletic, recreational and instructional programs. Requires associate degree, or equivalent, in physical education, recreation or related field, plus two to four years of effective experience in athletics and student recreation, or a bachelor's degree and less experience. Red Cross certification in CPR and first-aid instruction required. **THIS IS A FIXED-TERM POSITION FUNDED FOR TWO YEARS-10 MONTHS EACH YEAR. STAFF GRADE 5.**

***00766, Director of Business Services, CES, Ogontz Campus** - Responsible to the campus executive officer for all University business matters at the Ogontz Campus to include the maintenance and operation of buildings and grounds, human resources, purchasing, physical plant operation or auxiliary enterprises, security, postal operations and telecommunications. Requires bachelor's degree, or equivalent, with four to six years of effective experience in the areas of physical plant management, grounds maintenance, purchasing, personnel and office management, budget planning and control, security, etc. **STAFF GRADE 9.**

***00767, Admissions Assistant, Student Affairs, Wilkes-Barre Campus** - Participate in admissions and recruitment activities including high school visits, on-campus interviews, college fairs, special events, the production of the admissions newsletter and the compilation of statistics on admissions. Requires bachelor's degree, or equivalent, plus one to two years of effective experience in a related field. **STAFF GRADE 5.**

***00768, Assistant General Manager, University Division of Media Learning Resources and Management, WPX-TV, CES, University Division of Media Learning Resources, University Park Campus** - Responsible to the general manager for the administration, day-to-day operations and planning of the University's public/educational television station, WPX-TV, the PENNARAMA Channel and Pennsylvania's Network. Requires bachelor's degree, or equivalent, in communications and/or adult continuing education, plus seven to 10 years of effective experience in educational communications and public educational broadcasting, with at least three years of experience in management positions. Strong managerial and excellent communication skills are essential. An advanced degree is preferred. **STAFF GRADE 10.**

***00769, Counselor, Student Services, Career Development and Placement Services, University Park Campus** - Responsible for providing career development and placement services. Provide professional assistance and/or consultation to students who request help in planning or implementing their career direction. Requires master's degree, or equivalent, in clinical or counseling psychology, counselor education, student personnel administration or related area, plus one to two years of effective experience. Sensitivity to Hispanic students and related issues along with excellent Spanish speaking and writing skills required. **STAFF GRADE 7.**

***00770, Assistant Manager - Nittany Apartments/Community Center, Housing and Food Services, University Park Campus** - Responsible to the resident manager of graduate housing for the operation and maintenance of Nittany Apartments and Nittany Community Center, for the supervision of technical-service employees and seasonal part-time employees, and for maintaining good relationships with tenants. Requires bachelor's degree, or equivalent, plus one to two years of effective experience. **STAFF GRADE 6.**

***00780, Operations Coordinator, C&IS, Office of Telecommunications, University Park Campus** - Responsible to the operations manager of transmission and operations for overseeing installation, operation and maintenance of the transport system, switches and terminal equipment. Requires associate degree, or equivalent, plus two to four years of effective experience in telecommunications. Must have thorough knowledge of installation and maintenance of telecommunications transmission systems. Experience with telephone company operations, central office switching, PBX systems, and interfacing and intrabuilding transmission systems. Additional experience preferred in standard electrical conduit, coaxial cable, fiber optic cable and voice processing systems. A strong background in video technology is desired. **STAFF GRADE 6.**

***00781, Art Specialist I, CES, University Division of Media Learning Resources, University Park Campus** - Responsible to the supervisor, graphic services, to conceive, design and execute charts, graphs, maps, lettering, cartoons, illustrations, etc., for various University departments, in art, plus one year effective experience in graphic design, TV graphics, illustration or animation. Experience in computer graphics is desirable. A portfolio is required at the interview. **STAFF GRADE 5.**

***00782, Research Aide, Agriculture, Poultry Science, University Park Campus** - Set up and perform poultry experiments and perform post-mortem examinations of poultry body fluids, tissues and test samples. Perform surgical procedures on experimental animals. Collect body tissues and body fluids. Prepare the samples for analysis. Demonstrate laboratory procedures to train graduate and undergraduate students. Requires bachelor's degree, or equivalent, in chemistry, microbiology or related field, plus three to nine months of effective laboratory experience. **STAFF GRADE 4.**

(Please see "Vacancies" on page 10.)

News in Brief

Women at Penn State program

Mary Dupuis, professor of education, director of teacher education, associate dean for undergraduate programs in the College of Education and chair of the Commission for Women, will speak on the topic of networking at a meeting of Professional Women at Penn State.

The brown-bag lunch meeting will begin at 11:45 a.m. Tuesday, July 31, in Room 225 HUB, University Park, with an opportunity for informal networking. Dr. Dupuis will speak at 12:10 p.m.

Professional Women at Penn State is a grass-roots group coordinated by University women to enhance the career progress of women within the Penn State system. The meeting is open to all interested Penn State.

Conference on Korean War

On Friday, July 27, and Saturday, July 28, an international conference on "The Korean War and Its Legacy: Prospects for Peace in East Asia in the 1990s" will be held in Room 101 Kern Graduate Commons, University Park.

Scholars from the Soviet Union, China, Taiwan, Japan, South Korea and the United States will re-examine the

origins of the Korean War in light of recently declassified information and consider the prospects for an enduring peace in the entire East Asian region, in view of recent political and economic developments.

To register, call Parris H. Chang, director, Center for East Asian Studies, at 865-1698, or Martin L. Lasater at 863-0970.

Adult Literacy Action workshop

Adult Literacy Action at the Penn State Beaver Campus will host a two-day workshop for literacy volunteers from 9 a.m. to 4 p.m. Aug. 1 and 2 in Room 10, General Classroom Building.

The workshop will train volunteers to help adult non-readers acquire basic reading and writing skills. Previous teaching experience is not required.

For information, call Adult Literacy Action at (412) 773-3850.

Adult Student Fair

An Adult Student Fair, sponsored by Penn State Continuing Education and the Returning Adult Student Center, will be held from 6 to 8 p.m. Wednesday, Aug. 1, at the Keller

Conference Center, University Park.

The fair is designed to provide educational and administrative information specific to adult students. Anyone enrolled as a full-time student in a degree program or considering enrolling in a college course will find the fair helpful. Representatives from several campus organizations will be available to answer questions, and academic counselors will be on hand to help with course selection.

Refreshments will be served, and children are welcome.

Call the Returning Adult Student Center at 863-3887 for more information.

New programs available

Faculty and staff members are reminded that the Office of Education Abroad Programs has a number of new programs for students wishing to study abroad.

University students now have the opportunity through a number of new consortia with the Council on International Educational Exchange to study in Budapest, Hungary and Warsaw, Poland.

There also are new program opportunities in Alicante, Spain; Beijing, China; Monteverde, Costa Rica; Paris, France; Rennes, France; Santiago, Dominican Republic; Sao Paulo, Brazil; Seville, Spain, and Tokyo, Japan.

Applications are due Nov. 1 for Fall 1991 and Academic Year 1991-92 programs and for the new consortial programs. For more information, students should visit the Office of Education Abroad Programs at 222 Boucke Building, University Park, or call (814) 865-7681.

International Students' Orientation

All new international students are invited to attend a special orientation program to help them begin their academic careers at the University. The program will be held from Monday, Aug. 13, through Friday, Aug. 17, Call 865-6348 for details.

All departments and colleges are asked to encourage their new international students to attend the orientation program, which is conducted by the Office of International Students.



Trudy Cole-Zielanski, shown with her winning poster, is flanked by Robert Ott, professor of art education and a judge of the contest, and Howard Palmer, senior associate dean, Graduate School. (Photo: Richard Ackley)

Winning poster will promote graduate research exhibition

A poster by graduate student **Trudy Cole-Zielanski**, selected from a University-wide competition, will promote the 1991 Graduate Research Exhibition.

Ms. Cole-Zielanski received a \$500 check from Howard Palmer, senior associate dean of the Graduate School, for her winning entry. Robert Ott, professor of art education, headed the committee which judged the event.

Ms. Cole-Zielanski will receive a master of fine arts degree from Penn State in September 1990 and will teach as assistant professor in Frostburg State's Department of Graphic Design. At Penn State, she has taught drawing and currently teaches Art 270, Introduction to Graphic Design.

She has freelanced locally for Strawberry

Fields and other local companies as well as for Bucks County firms. From 1983 to 1987, she served as art director for Freedom Gathering Card Co., Levittown, Pa.

In 1989, her work was selected from 1,300 entries for inclusion in the Annual Herb Lubalin International Student Design Exhibition, New York City. Her work also appeared in the 1989 Film Follies Juried Show.

Obituary

Thomas C. Houtz, group leader, landscape A, Office of the Physical Plant, from June 1, 1947, until his retirement Oct. 1, 1979, died June 29. He was 73.

Staff Vacancies cont.

***00783, Administrative Head Nurse, University Hospital, Nursing & Medical Surgical, The Milton S. Eisenhower Medical Center** - Responsible to the nursing manager assigned nursing unit for assistance in handling the day-to-day administration of the assigned nursing unit. Assume responsibility in her/his absence. Requires bachelor of science in nursing from an accredited school of nursing plus one to two years of effective experience and current licensure to practice as a registered nurse by the Pennsylvania Board of Nursing. **STAFF GRADE 6**

***00784, Senior Auditor, Corporate Controller, University Park Campus** - Responsible to the audit manager for performing and directing audits to

appraise extent of compliance with University policies and procedures, adequacy and reliability of records and management reports, soundness and adequacy of internal controls. Requires bachelor's degree or equivalent in accounting or related management field and from two to three years of effective experience in internal auditing or operational facets of administration. Ability to communicate well, orally and in writing, is required. **THIS IS A FIXED-TERM POSITION FUNDED FROM APPROXIMATELY AUG. 13, 1990, TO FEB. 12, 1991. STAFF GRADE 7**

***00785, Residence Hall/Activities Coordinator, Residential Life, Mont Alto Campus** - Responsible

for the administration of a residence hall of 210 students and the campus student activities program. Requires master's degree, or equivalent, in student personnel, counseling or related field, plus up to one year of effective experience in residence hall administration and/or student activities, or bachelor's degree in student personnel, counseling or related field, plus one to two years of effective experience. **THIS IS A CONTINUING 10-MONTH, LIVE-IN POSITION. STAFF GRADE 6.**

***00786, Administrative Aide, Engineering, Electrical, University Park Campus** - Responsible to the department head for assisting in departmental administration, in such areas as personnel, budget and facilities. Requires associate degree, or equivalent, in business administration, management or related field and one to two years effective administrative experience, including the areas of

accounting, administrative computer systems, facilities management, supervision and business writing. **STAFF GRADE 5.**

***00787, Development Assistant, Development and University Relations, College of Agriculture, University Park Campus** - Responsible to the director of development, senior development officer or development officer for assistance in the organization and implementation of fund-raising programs and related activities. Requires bachelor's degree, or equivalent, plus one to two years of effective experience in public relations, fund-raising or related field. Proficiency in verbal and written communication skills is highly desirable. Willingness to travel is essential. **THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1990, WITH EXCELLENT POSSIBILITY OF RE-FUNDING. STAFF GRADE 6.**

President-elect Thomas meets the media



Dr. Thomas

(Continued from page 1)

Dr. Thomas stepped down as president of the University of Alabama in 1988 to return to the faculty as professor of biology.

Born in Holt, Ala., he received his A.B. (1955), M.A. (1957) and Ph.D. (1959) degrees in biology from Harvard University. He was a teaching fellow at Harvard from 1955-59 and a cytotoxinologist at Harvard's Arnold Arboretum from 1959-61.

He worked his way through the academic ranks of assistant professor, associate professor and professor of biology at the University of Alabama. His administrative career began at Alabama in 1964, when he was appointed assistant dean in the College of Arts and Sciences. He was named dean for student development in 1969 and vice president for student affairs in 1974.

In 1976, he was appointed chancellor of North Carolina State University, where he remained until assuming the presidency at Alabama in 1981.

He is the author of several monographs and books and numerous papers published in scholarly journals.

In civic and community accomplishments, Dr. Thomas was named Tuscaloosa Citizen of the Year in 1987. He serves on the board of directors of the Tuscaloosa Chamber of Commerce, the Industrial Development Authority of West Alabama, the Alabama Power Co., Blount Inc. and the International Service for National Agricultural Research, The Hague, Holland, among others.

He is a member of a number of professional organizations, including the American Institute of Biological Sciences, Botanical Society of America, American Society of Plant Taxonomists, International Association of Plant Taxonomists, Alabama Academy of Sciences, and North Carolina Academy of Sciences.

He and his wife, the former Marly Dukes of Boise, Idaho, have four children: Catherine, David, Jennifer and Frances.



Board President J. Lloyd Huck, left, and President-elect Thomas respond to questions from reporters. (Photos: Scott Johnson)

Excerpts from Dr. Thomas's remarks

"I am honored and privileged to have been elected president of Penn State University. Penn State is now clearly among the best public universities in the country."

"We must ensure that undergraduate education at Penn State continues to be of the highest quality."

"Maintaining a fresh and vigorous teaching and learning environment will be easier within the framework of a research university than any other place."

"We must ensure that equal opportunity is extended to all peoples."

"By the turn of the century, 30 percent of the workforce will be composed of minorities. For powerful economic reasons and for even more powerful moral reasons, universities such as Penn State must open wide the doors of opportunity."

History of presidential search process

On Sept. 15, 1989, President Jordan told the Board of Trustees that he planned to retire as president on Aug. 31, 1990. At the meeting, the Board authorized establishment of the Trustee Presidential Selection Committee to serve until the new University president assumed office.

The Board charged the committee to "develop and implement the necessary criteria and procedures to ensure breadth, equal opportunity, timeliness, confidentiality and appropriate University community involvement in the search process."

Eleven Trustees were appointed to the selection committee by Board President J. Lloyd Huck, who also served as the committee's chairman.

Members were H. Jesse Arnelle, Walter J. Conti, Marian U. Coppersmith, Bernard Hankin, Edward P. Junker, William A. Schreyer, Obie Snider, Cecile M. Springer, Quentin E. Wood and Edward P. Zemprelli.

The selection committee met later on the day of its formation to establish procedures for the search process. Mr. Huck recommended the creation of a University Presidential Search and Screen Committee to help in the search process.

On Oct. 26, 1989, Mr. Huck announced the names of the 15 University administrators, faculty and staff members and students who were asked to serve on the search and screen committee, which was to be chaired by Thomas L.

Merritt, immediate past chairman of the University Faculty Senate and professor of animal science.

Members included Anne C. Petersen, dean, College of Health and Human Development, and vice chairperson of the committee; George E. Andrews, Evan Pugh professor of mathematics; Robert D. Arbuckle, campus executive officer, Penn State New Kensington; Janet Atwood, 1989-90 Senate chairperson and acting department head and associate professor of exercise and sport science.

Cynthia Baldwin, president, Penn State Alumni Association; Dwight Davis, associate professor of medicine; Peter Deines, 1990-91 Senate chairperson and professor of geochemistry; Archie J. McDonnell, director, Environmental Resources Research Institute, and professor of civil engineering; James C. Moeser, dean, College of Arts and Architecture;

David S. Palermo, associate dean for research and graduate studies, College of the Liberal Arts, and professor of psychology; Robert A. Secor, Senate chairperson-elect and professor and head, Department of English; Laura Karkowski-Shuman, graduate student; Perry J. Sternberg, undergraduate student; and James M. Wagner, associate vice president of business and operations.

The Board of Trustees asked the search and screen committee to advertise the search, to receive and screen applications/nominations and to submit to the selection

committee a list of top candidates.

The selection committee established the search timetable and set up procedures for the search, appointed members to the search and screen committee and outlined qualifications that candidates for the presidency should have. Carol Herrmann, vice president for administration, assisted both committees.

As requested, the search and screen committee submitted the names of candidates to the selection committee in March 1990. Dr. Merritt, as chairman of search and screen committee, was invited by the Board to participate in the deliberations of the selection committee.

After the first series of interviews ended in June without a candidate being selected, the selection committee requested an additional list of names from the search and screen committee. Also at this time, Mr. Huck asked President Jordan to continue his responsibilities as president, and President Jordan agreed to postpone his retirement to ensure a smooth transition.

A second series of interviews was successfully concluded with the unanimous selection of Joab L. Thomas as the University's 15th president on Monday, July 23, by members of the Board of Trustees, who met with Dr. Thomas in a special session.

President-elect and Mrs. Thomas visit the Nittany Lion Shrine at University Park following his selection as Penn State's 15th president by the Board of Trustees. (Photo: Greg Grieco)



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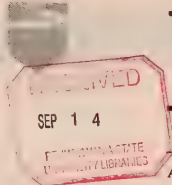
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Through partnership program Economic development promoted

A program designed to promote economic and community development activities is beginning in five Pennsylvania communities.

The Community and Economic Development Associates Program (CEDAP) is a partnership between the University, Bell of Pennsylvania and local communities. The program, now entering its second year, hires and trains recent Penn State graduates for year-long, full-time positions helping to implement development projects designed by participating communities.

From now until June 1991, Penn State community development associates will work on projects in Braddock, Coatesville, Hazleton, Northern Allegheny County and Clearfield County.

In Braddock, **Frank Higdon** is working with the Greater Braddock Chamber of Commerce, establishing a business contact program and developing media kits and brochures for the Braddock business community.

In Northern Allegheny County, **Leigh McIntosh** is working with the Northern Allegheny County Chamber of Commerce, creating an Economic Development Resource Center for expanding and relocating businesses, as well as civic and community groups.

In Coatesville, **Toni Marie Mandronico** is working with the Greater Coatesville Economic Development Forum and the Chester County Partnership for Economic

Please see 'Partnership' on page 3.

Sen. Bob Packwood will speak at summer commencement exercises

Sen. Bob Packwood of Oregon will speak at the University's summer commencement for baccalaureate and associate degree candidates at 10:30 a.m. Saturday, Aug. 11, in Recreation Building at University Park.

Commencement ceremonies for the Graduate School will be held at 2 p.m. Aug. 11 in Eisenhower Auditorium. Rodney Reed, dean of the College of

Education, will be the speaker.

Sen. Packwood is the ranking Republican and former chairman of the Senate Finance Committee, which is responsible for national tax policy. The committee also oversees Medicare, Medicaid, Social Security, trade and tariff legislation and employee benefits.

He is a member and former chairman of the Senate Commerce, Science and Transportation Committee. The committee is responsible for areas such as ocean resource management, commercial fishing, economic development, pipeline safety, communications, consumer product safety, railroads, airlines, and bus transportation.

In addition, he is the ranking Republican on the Communications Subcommittee, and a member of the Foreign Commerce and Tourism Subcommittee, the Surface Transportation Subcommittee and the National Ocean Policy Study.

Sen. Packwood received his B.A. from Willamette University in Salem, Ore., in 1954 and his law degree from New York University School of Law in 1957.

In 1962 he was elected to the Oregon legislature as its youngest member. After three terms in the state legislature, he was elected in 1968 to the U.S. Senate as the youngest senator in the 91st Congress. He is now in his fourth Senate term.



Sen. Bob Packwood

INSIDE

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Gifted Soviet Union students visit University Park

Eighty-three academically gifted high school juniors and seniors from the Soviet Union visited University Park July 6 to 24 as participants of the People to People Youth Science Exchange.

The young "science ambassadors" are part of a larger group of 240 Soviet students visiting the United States through the People to People program.

People to People Youth Science Exchange was hosted by the Eberly College of Science and the Keller Conference Center and is academically supported by Eberly College of Science faculty, staff and students in the departments of Astronomy and Astrophysics, Computer Science and Physics.

This is the first year that the University has been invited to participate in People to People and only the second time that Soviet students have traveled to the United States through the program.

People to People was established in 1956 by Dwight D. Eisenhower to "build a massive program of communication between Americans and the citizens of other lands to establish lasting two-way relationships from which international friendship and understanding can grow."

During their visit, the Soviet students attended classes and laboratory sessions in astronomy, astrophysics, computer science, physics and other science fields.

John Nousek and David Burrows, senior research associates and associate professors in the Department of Astronomy and Astrophysics, introduced the students to current faculty and graduate student research projects and provided laboratory exposure in X-ray and optical astronomy, image processing and gravity simulation. The students learned about computer programming in PASCAL using UNIX, as

Please see 'Gifted' on page 3.



Visiting Soviet students examine some Penn State T-shirts. (Photo: Greg Gricco)

Focus on Diversity



Wilkes-Barre hosts women's conference

Dorothy Cotton, nationally known civil rights activist, presented the keynote address at the sixth annual Luzerne County Women's Conference hosted by the Penn State Wilkes-Barre Campus. More than 400 women attended over 60 different workshops, coordinated by the campus Department of Continuing Education, on issues of concern for women. The theme for the day was 'Celebrating Women of the 1990s.' Ms. Cotton spoke on her history as an associate of Martin Luther King Jr. and urged women today to empower themselves and help other women to do so, and not wait 'like little girls' to be told what to do. Among the workshops presented by Wilkes-Barre staffers were 'Alternatives of Patriarchy/Matriarchy,' presented by Phyllis Belk, director of university relations and marketing; 'Shopping for College and Paying for it,' by Vera Cornish, coordinator of student aid; and 'Let's Play: Rediscover the Child in You,' by Anne Holmes, instructor of physical education.

Exchange program

As part of the Penn State Allentown Campus/University of Puerto Rico Rio Piedras Campus faculty/staff exchange program, two educational administrators from Puerto Rico will have the opportunity to live the corporate life for a week.

Rosie Oliveras, assistant director of the division of continuing education, and Martin Melendez, director of the management development program, are participating in Penn State's Effective Management Program for Bethlehem Steel managers this week.

The two institutions began the relationship in 1988 with the signing of a memorandum of understanding which provided for the staff exchange program. The partnership between Penn State and higher education in Puerto Rico is one that also will provide other opportunities for cooperation.

Ms. Oliveras and Mr. Melendez are guests of Bethlehem Steel for the Effective Management Program (EMP). The week-long program focuses on two areas of management: managing tasks and managing people. Seminar participants will explore several themes about managing tasks: planning, organizing, and controlling. The second half of the seminar will look at the managing of people through communication and problem solving/decision making.

'This is a unique opportunity for Ms. Oliveras and Mr. Melendez to observe and participate in one of Penn State's seminars,' Ken McGeary, director of continuing education at the Allentown Campus, said.

Private Giving to Penn State

Behrend College gets \$1 million undesignated gift

Penn State Erie, The Behrend College has received an undesignated gift totaling \$1,001,265 from the family of the late Floyd "Smitty" Smith.

Announcement of the largest gift from a private source in the College's history was made June 20 by John M. Lilley, Penn State-Behrend provost and dean, and Floyd Smith's son, Larry Vernon Smith, president of Automation Devices.

The extraordinary generosity shown by the Smiths reflects the true spirit of philanthropy. This wonderful gift was given with no restrictions, only the honest desire to give students in our region the very best opportunities and the highest quality education," Dr. Lilley said.

As an undesignated gift, the \$1 million contribution has been given the College "to be used where it will do the most good," according to Larry Smith, in keeping with his father's original philanthropic vision. Tragically, Floyd Smith was unable to see his remarkable contribution formally acknowledged. He was killed Dec. 28,

1989, when the aircraft he was piloting crashed in an eastside Erie neighborhood.

"Such a phenomenal contribution from a non-alumnus is very special," Dr. Lilley added. "But to have that gift be given for use at the University's discretion rather than for a specific purpose is very unusual. It conveys an unwavering trust in the basic mission and philosophy of Penn State-Behrend, and that is to provide the highest quality education possible in this region."

Microscope donated

IBM Corp. has donated an electron microscope valued at more than \$104,000 to the College of Engineering for materials research.

Faculty and students in the college's Engineering Science and Mechanics Department will use the Amray microscope to examine the surfaces of materials that have been intentionally stressed.



John Lilley, left, provost and dean of Penn State-Behrend, and Larry Smith, son of the late Floyd Smith who bequeathed \$1 million to the College, announce the gift, which is the largest undesignated gift in Penn State-Behrend's history.

Turfgrass program gets record grant

The turfgrass research program at Penn State has received a record grant of \$125,000 from the Pennsylvania Turfgrass Council for the 1990 research year.

"Research conducted with PTC funds benefits the entire turfgrass industry,"

Thomas Watschke, professor of turfgrass science, said. "More than one million acres in Pennsylvania, including golf courses, home lawns, roadsides and sod farms, are tied up in the turfgrass industry."

Dr. Watschke will use PTC funds to support the Landscape Management and Water Quality Research Center.

Researchers receiving PTC funds are: **Dr. Watschke**; **Joseph Duich**, professor of turfgrass science; **Donald Waddington**, professor of soil science; **Paul Heller**, professor of entomology; **Patricia Sanders**, associate professor of plant pathology; and **Peter Landschoot**, assistant professor of turfgrass science and turfgrass extension.

The Pennsylvania Turfgrass Council has supported Penn State's program in turfgrass research since 1955. In return, research, teaching and extension personnel from Penn State have served as advisers for the Council.

Photo: Greg Glatco



Penn State People

George R. Dickerson

Since 1958, George R. Dickerson has been either operating farm equipment or repairing it. As the University's blacksmith-mechanic, he makes sure that all tractors, wagons, feeders, tillage equipment, scales and other related farm equipment are kept in working order. He became interested in blacksmithing while a student in the farm equipment sales and service program and an equipment operator for the University. He learned the blacksmith craft by watching Paul Campbell and later took over the job when Mr. Campbell retired. Now a 30-year veteran of his craft, Mr. Dickerson says his job is fun. "Every day brings a new challenge." He enjoys "helping the people who need things repaired and making things for Ag Progress Days." The biggest change in blacksmithing over the years has been the increasing sophistication of equipment, he says.

Coordinator sought

The College of Education seeks candidates for the position of instructor of education and coordinator of minority student services. This is a 12-month annually renewable position responsible for the organization and implementation of the support services delivered through the College's Office of Minority Student Services.

The director assists with the recruitment of minority students, chairs the College's Committee on Equal Opportunity, assists with retention efforts, coordinates strategies for increasing the faculty/staff awareness of minority concerns, etc.

Minimum qualifications include master's degree (Education preferred) with public school teaching and/or administrative experience; familiarity/experience with the College of Education's professional certification programs is helpful.

Nominations or applications should be addressed to Horst von Dorpski, 278 Chambers Building (865-2524), by Aug. 17.

Partnership

(Continued from page 1)

Development, establishing education and training programs and seeking enterprise zoning designations within the community.

In Hazleton, **Philip Shuman** is working with the City of Hazleton, compiling a Business Outreach Directory that highlights the financial tools and incentives offered by the city and creating an inventory of potential business sites.

In Clearfield County, **Charles Wurster** is working with the Clearfield County Industrial Development Authority, conducting a county-wide assessment of labor and management issues, developing a

marketing plan for the new Curwensville Industrial Park and devising a business development strategy for the Glendale area.

CEDAP is administered by Drew Hyman, professor of public policy and community systems. Under his direction the associates complete an intensive training program before starting work in their respective communities.

Communities participating in CEDAP first complete Business Outreach programs co-sponsored by Bell of Pennsylvania and local Chambers of Commerce or economic development groups. The programs help communities understand their business climates and define actions that can encourage business growth.

Gifted

(Continued from page 1)

well as computer graphics and games. In the area of physics, they attended lectures and labs on linear and nonlinear wave phenomena, the physics of random systems, quantum mechanics, surface physics, elementary particle physics, superconductors and supercolliders.

In addition, they received guided tours of University Park Campus, the Materials Research Laboratory, the College of Earth and Mineral Science's museum and weather station, the Breazeale Nuclear Reactor, the National Cable Television Center and Museum and the Black Moshannon Optical Observatory.

Carpoolers

Ride needed from Osceola Mills to University Park; work hours are 9:30 a.m. to 6:30 p.m. Call **Marge** at 865-7623 from 8 a.m. to 4:30 p.m.

Shirley is looking for carpoolers from the Lewistown/Milroy area to University Park. Work hours are 7:30 a.m. to 4:30 p.m. Call 863-0449.

Appointments

Ronald E. Costello has been named director of development for the Small College of Business Administration.

He joins the University after serving as dean of institutional advancement at the Philadelphia College of Textiles and Sciences, where he redesigned the college's fund-raising programs and developed the foundations for a new \$10 million support campaign.

Mr. Costello was development director for the College of Agriculture from 1986 to 1989, prior to which he served as director of alumni and development at Mansfield University from 1980 to 1986.

He holds a bachelor of science degree from Mansfield and has experience in teaching, journalism and sales. In addition to his degree in education, he has pursued studies in journalism, adult education and business.

Margaret M. Cote, associate professor of English at the Penn State Allentown Campus, has been appointed interim associate dean of the Commonwealth Educational System (CES) for the College of the Liberal Arts, effective Aug. 1.

Theodore E. Kiffer, interim dean of the College of the Liberal Arts, said, "Dr. Cote has taught at two campuses - Hazleton and Allentown - and has significant experience in continuing education as well. I am pleased that she has accepted the appointment."

Dr. Cote will be responsible for recruiting of faculty and faculty development and will serve as a liaison between the College of the Liberal Arts and the Commonwealth Campus system. She also will oversee all continuing education services for the College.

A faculty member since 1978, she held an administrative internship in the College's CES office in 1987.

Other achievements included serving as project evaluator of CES computer facilities for English 202 courses. Her responsibilities included reviewing current computer facilities at 17 campus sites and recommending hardware, software and training for each site.

Dr. Cote has directed a number of programs designed to aid elementary and high school teachers in teaching writing and rhetoric.

She was president of the Pennsylvania Association of Two-Year Colleges in 1984-85. In 1989, she was Lehigh Valley Outstanding Academic Woman of the Year.

She received her bachelor's degree in English from Carlow College in Pittsburgh and her doctorate from Catholic University of America.

Ernest F. Gale Jr. has been appointed associate executive director for alumni relations of the Penn State Alumni Association.

Mr. Gale previously served as assistant executive director for special programs and was responsible for the college and campus alumni constituent societies, the recognition program (Alumni Fellows, Honorary Alumni and Teaching Fellow) and the Alumni Vacation College. He joined the Alumni Association in January 1988 as the assistant to the executive director for reunions and homecoming.

Mr. Gale earned his B.S. in mathematics from Penn State and his M.S. in operations research at the Naval Postgraduate School.

Daniel W. Pfaff has been appointed associate dean of resident instruction in the School of Communications.

Dr. Pfaff, associate professor of journalism, takes over the duties of William L. Dulaney, who will retire in August.

The new post includes responsibility for the coordination of both undergraduate and graduate instruction. Dr. Pfaff has headed the School's graduate programs for the past year, and previously from 1976-82.

Dr. Pfaff is the author of a forthcoming biography of Joseph Pulitzer II, who served as editor and publisher of the *St. Louis Post-Dispatch* from 1911-55 after his famous father's death. He earned highest history division honors at the 1989 Association for Education in Journalism and Mass Communications convention for a paper on Pulitzer II.

He joined the former School of Journalism in 1971 as an assistant professor, chaired its journalism program from 1972-74, and was promoted to associate professor in 1977. He is a member of the Graduate School's Graduate Council and faculty adviser to the Penn State chapter of the Kappa Tau Alpha national journalism

honor society.

He also is a corresponding editor for *Journalism History*, a member of the American Journalism Historians Association and an editorial consultant to World Book Inc.

Dr. Pfaff taught in the University of Minnesota's School of Journalism and Mass Communication from 1968-71 and was a graduate assistant at Penn State from 1966-68. His degrees include a bachelor's in journalism from the University of Oregon, a master's in journalism from Penn State and a doctorate in mass communication from the University of Minnesota.

In other faculty reassignments:

— **William E. Gibbs**, assistant professor of advertising, has been named the School's recruitment, internship and placement officer. Professor Gibbs has worked at the University since 1963 and was professor-in-charge of advertising for 16 years. He has coordinated the School's placement service for seven years.

— **John N. Rippey**, assistant professor of journalism, has been named professor-in-charge of the journalism program, relieving R. Thomas Berner, professor of journalism. Professor Rippey has been with the School since 1975, and coordinates the Lowell Mellett Award for outstanding media criticism, given annually by the School.

Robert Secor, professor of English and American studies, has been named the head of the Department of English.

Dr. Secor, whose appointment is effective July 1, replaces Christopher Clausen, who headed the department for five years since his arrival from Virginia Polytechnic Institute and State University in 1985. Dr. Clausen plans to resume teaching.

After teaching for several years at Northwestern University, Dr. Secor came to Penn State in 1969.

This past year he has served as secretary of the University Faculty Senate and recently was named president-elect of the Senate. He has chaired several University and college committees, including the Senate Committee on Admissions, Records, Scheduling and Student Aid; the Liberal Arts Council of Senators; the College Committee on Promotion and Tenure; and the Liberal Arts Faculty Affairs Committee.

He also has been associate director of the Interdisciplinary Graduate Program in the Humanities.

Dr. Secor's specialty is American and British literature, with an interest in Joseph Conrad. His books include, *Conrad and American Writers: A Bibliography Study of Relations, Affinities, and Influences*, written with Debra Modellmog, and *The Return of the Good Soldier: Ford Madox Ford and Violet Hunt's 1917 Diary*, written with his wife, Marie, associate professor of English.

Dr. Secor earned his bachelor's degree in English from Syracuse University in 1960, his master's in English from Brown University in 1963 and his doctorate in English and American literature from Brown in 1969.

L.A. Napier, associate director of the Native American Indian Leadership Program, has been appointed director of the program and assistant professor of education.

Under the one-year appointment, Dr. Napier is the first woman administrator in the 20-year history of the program. As assistant professor, she will teach gender issues related to school administration.

A 1989 graduate of the program with a D.Ed. degree, she has served as associate director of the program.

A native of Tahlequah, Okla., and a member of the Cherokee Nation of Oklahoma, Dr. Napier came to Penn State to pursue her doctorate in 1986. She earned her bachelor's and two master's degrees from Northeastern State University, Tahlequah, Okla.

Dr. Napier's prior experience in education included serving as a counselor in public schools in Norman, Okla.; director of Indian education, Tahlequah public schools, Tahlequah, Okla.; teacher/coordinator of a summer program in an Oklahoma City school and teaching; tutorial or counseling experience at other schools in Oklahoma and California.

At Penn State, she is an assistant coordinator and a member of the Central Pennsylvania Women of Color.

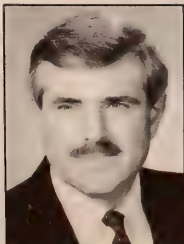
Penn State, which has one of the first major university programs for Native American Indian graduate students in the country, is one of the nation's leading producers of Native American Indian doctorates.



Ronald E. Costello



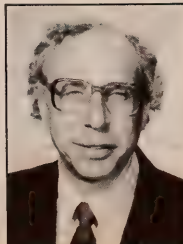
Margaret M. Cote



Ernest F. Gale Jr.



Daniel W. Pfaff



Robert Secor

1990 Ag Progress Days

August 14-16

SPECIAL EDITION

Three-day event set to open August 14

A wide range of agriculture-related programs—from animal welfare to conservation to biotechnology—will be part of the 22nd annual Ag Progress Days sponsored by Penn State's College of Agriculture.

Held at the University's 1,500-acre Russell E. Larson Agricultural Research Center at Rock Springs near State College, the three-day event attracts tens of thousands of people from farms, small towns and large cities.

To allow more people the chance to visit Ag Progress Days, hours for the event have been extended. Ag Progress Days will run from 9 a.m. to 5 p.m. on Tuesday and Thursday—August 14 and 15—and from 9 a.m. to 8 p.m. on Wednesday, August 15.

"We hope to see many first-time visitors and take advantage of after-work hours on Wednesday," says Keith Stevens, assistant to the dean for alumni relations

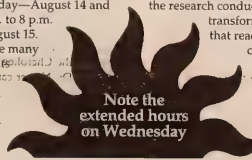
and special events. "We also want to give travelers some additional time to tour the facilities."

This year's theme, "Food and Environmental Quality: Preparing for the 21st Century," will highlight many of the issues that will face Pennsylvania and the world in the years and decades to come.

"Ag Progress Days is an opportunity to show visitors the many ways that agriculture touches our lives today and is an opportunity to look to the future," says Dr. Lamarine F. Hood, dean of the College of Agriculture. "We want to show visitors the scope of issues that their College of Agriculture is addressing and how the research conducted at Penn State is

transformed into programs that reach all citizens of the commonwealth. We'll also give them the opportunity to talk with people in agribusiness, watch some of the latest farm machinery in

continued on page 2



Welcome



As we enter the final decade of this century, it is both appropriate and necessary to prepare for the 21st century. We need to identify the issues that will help shape American agriculture and decide how to address them for

the benefit of society. Where will our food come from, and where will our waste products go? What quality air will we breathe, and what quality water will we drink? What kind of treatment will our animals have? What kind of jobs will our people have?

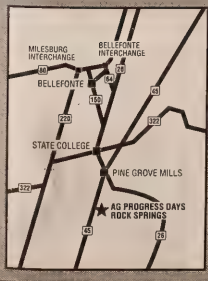
At Ag Progress Days, you're surrounded by examples of how agricultural research and education are both improving our present quality of life and preparing us for the future. As you talk with agricultural researchers, scientists and extension educators from the College of Agriculture and with representatives of more than 250 commercial enterprises, you'll see the importance of agriculture to our society and will come to understand more about the challenges we face.

I would like to extend a special invitation to all faculty and staff to attend the 1990 presentation of Ag Progress Days. Join with us as we celebrate our accomplishments and prepare for the future together.

Lamarine F. Hood
Dean, Penn State College of Agriculture

At a glance...

- August 14, 15, 16
- Tuesday/anti-Thursday 9 a.m. to 5 p.m.; Wednesday 9 a.m. to 8 p.m.
- Located at the Russell E. Larson Agricultural Research Center at Rock Springs, PA (9 miles southwest of State College on Route 45)
- Free admission
- Free parking



Learn how to start your own business

Do you have what it takes to start your own business? You can find out at the information booth in the Home-Based Businesses and Pennsylvania Heritage Crafts Tent.

"Getting a business off the ground takes a special kind of persistence," says Jim Grippo, Penn State cooperative extension agent in Clearfield County. Visitors to the exhibit can assess their entrepreneurial potential by taking a computer quiz designed by Grippo.

"You have to be the sort of person who can live with risk," he says. "Everybody who wants to be their own boss thinks they'll succeed, but it's tough to make a new business venture fly. You have to be able to wear many different hats and deal with the uncertainty of not receiving a weekly paycheck."

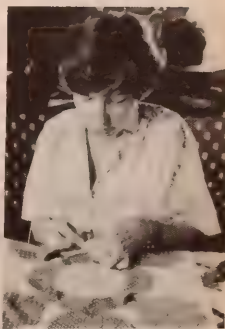
Grippo regularly offers an extension program on starting and running a small business. In six three-hour sessions he covers marketing, legal issues, financing, insurance, risk management and planning. Some of the materials Grippo uses for the workshop and additional information offered by cooperative extension will be available in the tent.

"All successful businesses start with a plan," says Grippo. "Before launching a business, people need to sit down and think hard about their strengths and weaknesses. I encourage them to do it all on paper before they quit their job or get their second mortgage. People who fail to plan, plan to fail."

Grippo and other experts will be on hand to answer questions about new business ventures. Eighteen professional crafts people who have launched successful home-based businesses will display their work and give educational demonstrations in the exhibit tent.

"People who start their own businesses are an important part of the economic revival in Pennsylvania's rural areas," says Patricia Leach, Penn State cooperative extension agent in Indiana County and coordinator of the exhibit.

These exhibitors have proven marketing and management skills as well as artistic ability. The exhibitors will demonstrate their crafts throughout the three-day event. Products on display will include walking sticks, dulcimers, baskets, weather vanes, and woven goods.



Eighteen crafts people who have launched successful businesses will give demonstrations in the Home-Based Businesses and Pennsylvania Heritage Crafts Tent. Visitors can learn about the history of the crafts and talk to the artists about starting a small business at home.

New research highlight of Ag Progress Days

Ag Progress Days will feature three special research tours and a general research tour that will show visitors how the College is working to ensure the safety of our food and protect the environment.

On Tuesday's special topics tour, Integrated Crop Management, visitors will see the horticulture farm at the Larson Research Center, where they will examine ways to maximize crop production in an ecologically sound manner. Wednesday's tour, Water Quality, will take visitors to the Landscape Management Research Center and the horticulture greenhouses on campus to look at the safe use of chemicals for lawn maintenance and ways to improve greenhouse water efficiency. On Thursday's tour, Disease and Insect Control on Agricultural Crops, visitors will tour research plots of alfalfa and soybeans at the Larson

Center, and examine strategies for controlling diseases and insect pests.

The 30-minute general research tours will highlight biocontrols and IPM at the entomology farm, disease control and plant stress projects at the plant pathology farm, new cultural techniques at the horticulture farm, hybrid evaluations at the agronomy farm and tests with warm season grasses at the USDA Pasture Lab.

Special research tours will leave the corn crib at 10 a.m. and 1:45 p.m. General research tours leave the corn crib every 20 minutes from 10 a.m. to 3 p.m. each day, with tours running until 7 p.m. on Wednesday. Free tickets are available at the boarding area.

There are also several conservation-related tours which will leave from the Conservation Education Tent on West 11th Street. Check the Ag Progress Days program and daily schedule for details.



New research highlighted on tours conducted during Ag Progress Days includes insect and disease control, plant stress projects and cultural techniques.

Three-day event to open August 14

Continued from page 1

operation, tour several research and conservation demonstration areas and have a great experience in a family-oriented atmosphere."

Ag Progress Days is one of the largest outdoor showcases of agricultural research and technology in the East. More than 250 commercial exhibitors will show and demonstrate approximately \$20 million worth of agricultural equipment. The event also will feature tours of research farms and conservation education areas; exhibits and presentations by Penn State faculty on topics such as water quality, food safety, waste management and biotechnology; a game show with prizes; a working computer classroom; a museum full of antique home and farm implements; exhibits and demonstrations of Pennsylvania's heritage crafts with information on how to start a home-based business; and more.

College of Agriculture faculty and staff will continue their emphasis on exhibits and demonstrations that are exciting and fun to watch, as well as educational.

Animal welfare will be a major focus in the College Exhibits building, with a live animal display that will show different housing options for sows.

"We hope to demonstrate that producers must review a wealth of variables affecting animal welfare before deciding what facilities are appropriate for their enterprise," says Dr. Kenneth Kephart, assistant professor of animal science and coordinator of the exhibit.

Visitors also can learn more about the risk and prevention of respiratory diseases at the Protect Your Lungs exhibit. College of Agriculture faculty will be available to discuss air contaminants both on the farm and in the home. Different types of respirators will be demonstrated and Mediq Healthcare will be on hand to provide free lung-capacity tests.

Biological control of gypsy moths will be the focus of another exhibit. Information highlighting control methods for homeowners will be distributed throughout the event and visitors will be able to view gypsy moths at various stages of growth and observe moths treated with different biocontrol methods.

The College Exhibits building will also feature exhibits on food safety, waste management, agricultural biotechnology and turfgrass and the environment.

At the Home-Based Businesses and Pennsylvania Heritage Crafts Tent, the emphasis will be on helping prospective entrepreneurs get a head start on success.

Visitors can get timely advice when they "Ask the Experts" in the areas of landscape, lawn and garden; crop and soil science; and dairy and livestock production. College of Agriculture faculty members and cooperative extension agents will be available to answer general questions and deal with specific problems.



These heads will be used to demonstrate the dust-filtering ability of four types of respirators at the Protect Your Lungs exhibit, which stresses the importance of lung safety in the home and around the farm. Visitors to the exhibit can have their lung capacity checked by Mediq Healthcare professionals.

Visit the Shaver's Creek
Environmental Center
exhibit at the Youth Tent.

Conservation for everyone

Individuals who have questions on conservation-related problems can discuss them with experts at the Conservation Education Tent at Ag Progress Days.

"Employees of the Soil Conservation Service will be on hand daily to answer questions and discuss conservation practices," says Joel Myers, state agronomist with the Soil Conservation Service. "Specialists in agronomy, biology, plant materials, forages and conservation tillage/residue management will be available."

In addition to consultation, there also will be special programs on intensive grazing, plant materials, integrated crop management, conservation tillage and compliance with the 1985 Farm Bill. A new program, Plant Materials for Homeowners, at 6:00 p.m. on Wednesday will be of special interest to those who want to learn more about conservation practices around the home.

A new general conservation tour will be held this year at noon and 2:30 p.m. on Tuesday, Wednesday and Thursday, with additional tours at 5:30 p.m. and 6:30 p.m. on Wednesday. Conservation activities and practices related to water quality will be featured on the tour. Many other tours will also take place. More information and free tickets are available in advance at the Conservation Education Tent.

Composting in your backyard

Leaves, weeds, old straw and wood shavings are just some of the waste that can be composted in your backyard. Visitors to the Landscape, Lawn and Garden Tent can learn more about composting at Ag Progress Days.

"Theoretically, anything with carbon and nitrogen can be composted," says Dr. Robert Nuss, Penn State professor of ornamental horticulture and coordinator of the Landscape, Lawn and Garden Tent. "We'll have examples of what can be composted and also containers of compost so visitors can see what it looks like."

Faculty from Penn State's departments of entomology, horticulture, agronomy and plant pathology and county extension agents will be on hand

to give expert advice on plant and insect problems.

"We'll answer any questions that a homeowner, gardener or grower might have," says Nuss. "The experts at the tent will talk with visitors about indoor and outdoor plants, turf and flowers, tree fruit and small fruit." Visitors may bring in samples for the experts to look at.

"To get as big a picture as possible of the problem, we need a large sample in good condition," says Nuss. "Don't just bring in a dead leaf." He advises visitors to bring samples that represent various stages of the problem, and to bring insects in jars, since eating damage may be hard to diagnose. Samples can be disposed of at the tent.

Pasto Museum celebrates over 100 years of rural history

The Pasto Agricultural Museum, filled with farm and household items dating back to the 1840s, is celebrating over a century of agriculture at Ag Progress Days.

Featured this year is the museum's "birthday buggy." Currently on display, this split hickory special with double spring suspension and emerald green upholstery turned 100 years old on June 30.

Acquired in 1890 by 22-year-old Charles E. Stouff, the buggy was restored by an Amish buggy maker and later donated to the museum by Charles' son, J. Edward Stouff, class of 1925.

Visitors to the museum can see such prized equipment as the newly acquired foundation mill for honeycombs manufactured around 1880 and the folding, stand-up cross-cut saw used in the early 1890s.

"Nothing compares to the feeling you get when you are able to bring an item back to life," says Dr. Jerome K. Pasto, associate dean emeritus of the College of Agriculture and curator of the museum. "The joy of this museum is the visitors' ability to share this emotion as they browse, touch and test the artifacts."

Pasto and a number of guides will be available at Ag Progress Days to answer questions about the museum's collection of more than 280 rare and unusual animals. Visitors have the opportunity to turn cranks and move the levers on these remnants of an age before the advent of electricity.



The Pasto Museum has more than 280 unusual farm implements and household items dating back to the 1840s. Visitors may want to try out this hand-operated corn sheller.

The collection began with a donation of historic hand tools by the late Dr. Russell Dickerson, formerly an associate dean of the College of Agriculture. Donors, including University alumni and friends from Pennsylvania and four other states, have added to the collection.

Contributions from the College of Agriculture Alumni Society funded the museum building, which opened for the first time during the 1978 Ag Progress Days.

Game show teaches about agriculture

For a chance to learn more about agriculture and to win prizes, visit the SciQ game show in the College of Agriculture Exhibits Building at Ag Progress Days.

How was the gypsy moth introduced in the United States? How is newspaper used in animal agriculture? SciQ contestants and visitors can learn the answers to these questions and find out interesting facts about water quality, animal welfare, waste management, biotechnology and agricultural safety.

This year the program will also include Science Insights, mini lectures that highlight research areas in the College of Agriculture. Science Insights topics include household waste recycling, beneficial food choices, turfgrass advantages and farm-related respiratory diseases.

There will be four half-hour SciQ game shows a day, at 10:00, 11:00, 1:00



and 2:00, in the Exhibits Building theater, with additional shows at 6:00 and 7:00 on Wednesday. Game show contestants and individuals in the audience can win prizes including Penn State University Creamery ice cream, Penn State geraniums, Penn State turfgrass mixtures and SciQ T-shirts.

Admission to SciQ is free, but due to limited seating in the theater area, visitors are encouraged to arrive early.

Academics, careers and computers

"Computers and Careers in Agriculture" is the theme of this year's Ag Progress Days Youth Building. Professional counselors will offer career, academic and financial aid information to people looking into agricultural careers, says Marianne Houser, coordinator of undergraduate recruitment for resident education in Penn State's College of Agriculture.

A popular attraction again this year will be the microcomputer laboratory in the Youth Building. Visitors can try a Macintosh computer during several 30-minute sessions beginning at 10 a.m. daily. Participants of all ages will be able to take a quiz on agriculture and learn a computer drawing program. Computer session admission tickets will be available free at the Youth Building and the Main Street information booth.

A computerized career exploration program called "Discover" will guide users to possible career choices based on their preferences and abilities. Penn State's Career Development and Placement Services staff will be there to offer advice.

Demonstrations of PENpages, the

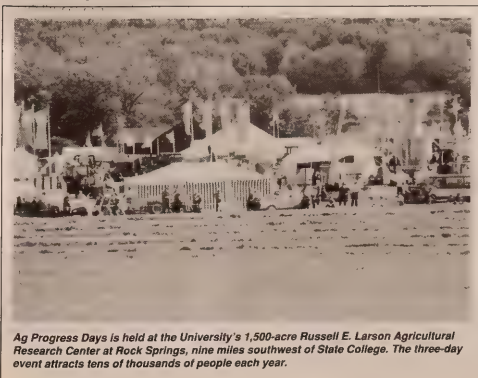
computer-based library of the College of Agriculture, will run frequently.

Staff from the College of Agriculture will discuss the diverse career opportunities in agriculture and Penn State degree offerings. Counselors will explain college admissions and financial planning. Visitors may watch videotapes, pick up literature and talk with undergraduate students.

Penn State continuing education staff will provide literature and an exhibit explaining the programs and role of continuing education. Courses are offered statewide for part-time learners of all backgrounds at 21 Penn State locations.

High school students may be interested in a display about the Pennsylvania Governor's School for the Agricultural Sciences, a summer enrichment program for academically talented students interested in food science, agriculture and natural resources.

Businesses and individuals may sign up to become members of Pennsylvania Friends of 4-H, a support group that provides 4-H program assistance through donor contributions.



Ag Progress Days is held at the University's 1,500-acre Russell E. Larson Agricultural Research Center at Rock Springs, nine miles southwest of State College. The three-day event attracts tens of thousands of people each year.

1990 Ag Progress Days Daily Schedule

Tuesday, Wednesday and Thursday

- 9:00 Ag Progress Days exhibits open
Special Program - College Exhibits Building Theater (Tuesday & Thursday)
9:45 PENpages Demonstration - Youth Building
10:00 Macintosh Computer Class - Youth Building
SciQ Game Show - College Exhibits Building Theater
Machinery Demonstration - Mowing (See map for location)
General Research Tour leaves from the corn crib
Integrated Crop Management Research Tour leaves from the corn crib (Tuesday)
Water Quality Research Tour leaves from corn crib (Wednesday)
Disease and Insect Control Research Tour leaves from the corn crib (Thursday)
Cutting & Selecting Lean Cuts of Pork - Meeting Place (Tuesday)
Buying & Selecting Lean Cuts of Beef - Meeting Place (Wednesday)
Selecting Inexpensive Lean Cuts of Veal - Meeting Place (Thursday)
Lung Protection Demonstration - College Exhibits Building
Forestry and Wildlife Tour leaves from the Conservation Tent
Wetlands and Stream Crossing Tour leaves from the Conservation Tent
Do-It-Yourself Conservation Tour leaves from the Conservation Tent
10:20 General Research Tour leaves from the corn crib
10:30 PENpages Demonstration - Youth Building
10:40 General Research Tour leaves from the corn crib
10:45 Macintosh Computer Class - Youth Building
11:00 SciQ Game Show - College Exhibits Building Theater
Lung Protection Demonstration - College Exhibits Building
General Research Tour leaves from the corn crib
Machinery Demonstration - Pesticide Application (See map for location)
Shredding Newspaper for Animal Bedding - Dairy & Livestock Tent
Sale Handling of Meat - Meeting Place (Tue - Pork, Wed - Beef, Thur - Veal)
Forestry and Timber Management Tour leaves from the Conservation Tent
Crop Management Tour leaves from the Conservation Tent
Grazing Management Program - Conservation Tent
Plant Materials Program - Conservation Tent
11:15 PENpages Demonstration - Youth Building
11:20 General Research Tour leaves from the corn crib
11:30 Macintosh Computer Class - Youth Building
Low-Fat Cooking: Grilling - Meeting Place (Tue - Pork, Wed - Beef, Thur - Veal)
Conservation Tillage - Conservation Tent
11:40 General Research Tour leaves from the corn crib
12:00 General Research Tour leaves from the corn crib
Forestry and Wildlife Tour leaves from the Conservation Tent
PENpages Demonstration - Youth Building
Lung Protection Demonstration - College Exhibits Building
General Conservation Tour leaves from the Conservation Tent
Integrated Crop Management Discussion - Conservation Tent
College of Agriculture Alumni Society Lunch - Special Events Building (Tuesday)
12:15 Macintosh Computer Class - Youth Building
12:20 General Research Tour leaves from the corn crib
12:30 Farm Bill Conservation Compliance Program - Conservation Tent
Low-Fat Cooking: Microwaving - Meeting Place (Tue - Pork, Wed - Beef, Thur - Veal)
12:40 General Research Tour leaves from the corn crib
12:45 PENpages Demonstration - Youth Building
1:00 Macintosh Computer Class - Youth Building
SciQ Game Show - College Exhibits Building Theater
Lung Protection Demonstration - College Exhibits Building
Ice Cream Churnoff - PA Dairy Promotion Program Tent (Wednesday)
General Research Tour leaves from the corn crib
Machinery Demonstration - Conservation Planting (See map for location)
Cropland Terrace Construction - (Machinery Demonstration site)
Forestry and Wildlife Tour leaves from the Conservation Tent
Crop Management Tour leaves from the Conservation Tent
1:20 General Research Tour leaves from the corn crib
1:30 PENpages Demonstration - Youth Building
Low-Fat Cooking: Grilling - Meeting Place (Tue - Pork, Wed - Beef, Thur - Veal)
1:40 General Research Tour leaves from the corn crib
1:45 Macintosh Computer Class - Youth Building
Integrated Crop Management Research Tour leaves from the corn crib (Tuesday)
Water Quality Research Tour leaves from corn crib (Wednesday)
Disease and Insect Control Research Tour leaves from the corn crib (Thursday)

- 2:00 SciQ Game Show - College Exhibits Building Theater
Shredding Newspaper for Animal Bedding - Dairy & Livestock Tent
Lung Protection Demonstration - College Exhibits Building
General Research Tour leaves from the corn crib
Wetlands and Stream Crossing Tour leaves from the Conservation Tent
Forestry and Timber Management Tour leaves from the Conservation Tent
Integrated Crop Management Discussion - Conservation Tent
Machinery Demonstration - Hay Crop Silage Chopping & Bagging (See map)
2:15 PENpages Demonstration - Youth Building
2:20 General Research Tour leaves from the corn crib
2:30 Macintosh Computer Class - Youth Building
Low-Fat Cooking: Microwaving - Meeting Place (Tue - Pork, Wed - Beef, Thur - Veal)
General Conservation Tour leaves from the Conservation Tent
Crop Residue Management - Conservation Tent
Dairy of Distinction Awards - Special Events Building (Wednesday)
2:40 General Research Tour leaves from the corn crib
3:00 General Research Tour leaves from the corn crib
Lung Protection Demonstration - College Exhibits Building
PENpages Demonstration - Youth Building
Machinery Demonstration - Hay Crop Silage Baling & Wrapping (See map)
Forestry and Wildlife Tour leaves from the Conservation Tent
Crop Management Tour leaves from the Conservation Tent
Grazing Management Program - Conservation Tent
3:15 Macintosh Computer Class - Youth Building
3:20 General Research Tour leaves from the corn crib (Wednesday)
3:40 General Research Tour leaves from the corn crib (Wednesday)
3:45 PENpages Demonstration - Youth Building (Wednesday)
4:00 Lung Protection Demonstration - College Exhibits Building
Integrated Crop Management Discussion - Conservation Tent
Plant Materials Program - Conservation Tent
5:00 Ag Progress Days exhibits close (TUESDAY & THURSDAY)

The following activities take place on Wednesday only

- 4:00 General Research Tour leaves from the corn crib
Macintosh Computer Class - Youth Building
Forestry and Wildlife Tour leaves from the Conservation Tent
4:20 General Research Tour leaves from the corn crib
4:30 PENpages Demonstration - Youth Building
4:40 General Research Tour leaves from the corn crib
4:45 Macintosh Computer Class - Youth Building
5:00 Lung Protection Demonstration - College Exhibits Building
Low-Fat Cookery: Pork - Meeting Place
General Research Tour leaves from the corn crib
Forestry and Wildlife Tour leaves from the Conservation Tent
5:15 PENpages Demonstration - Youth Building
5:20 General Research Tour leaves from the corn crib
5:30 Macintosh Computer Class - Youth Building
General Conservation Tour leaves from the Conservation Tent
5:40 General Research Tour leaves from the corn crib
6:00 General Research Tour leaves from the corn crib
SciQ Game Show - College Exhibits Building Theater
PENpages Demonstration - Youth Building
Low-Fat Cookery: Beef - Meeting Place
Lung Protection Demonstration - College Exhibits Building
Forestry and Wildlife Tour leaves from the Conservation Tent
Crop Management Tour leaves from the Conservation Tent
Plant Materials for the Homeowner - Conservation Tent
6:15 Macintosh Computer Class - Youth Building
6:20 General Research Tour leaves from the corn crib
6:30 General Conservation Tour leaves from the Conservation Tent
6:40 General Research Tour leaves from the corn crib
6:45 PENpages Demonstration - Youth Building
7:00 Macintosh Computer Class - Youth Building
Low-Fat Cookery: Veal - Meeting Place
General Research Tour leaves from the corn crib
SciQ Game Show - College Exhibits Building Theater
Lung Protection Demonstration - College Exhibits Building
Integrated Crop Management Discussion - Conservation Tent
8:00 Ag Progress Days Exhibits Close (WEDNESDAY)

University Park Calendar

August 9 -- August 26

Special Events

Saturday, August 11
Commencement: 10:30 a.m., Rec Hall.
baccalaureate and associate degrees: 2 p.m., Eisenhower Aud., Graduate School.
Shaver's Creek, Meteor Shower Camp-out, 7 p.m.-9 a.m., through Aug. 12. Call 863-2000.
Sunday, August 12
Shaver's Creek, The Winged Hunters, 6:30-8:30 p.m., Call 863-2000.
Ag Progress Days, Russel E. Larson Ag Research Center, Rock Springs, 9 a.m.-5 p.m. Also Aug. 15, 9 a.m.-8 p.m.; and Aug. 16, 9 a.m.-5 p.m.
Thursday, August 16
■ Message reception for international students, sponsored by the Penn State Club of Centre County and the Community International Council, 7:30 p.m., Kern Graduate Bldg.
Saturday, August 18
Arrival day for new students.
Shaver's Creek, Natural History Hike, 9 a.m.-2

p.m. Call 863-2000.
Sunday, August 19
Shaver's Creek, Discovering Fossils, 2-4 p.m. Call 863-2000.
Monday, August 20
"Be a Part from the Start," 8 p.m., Rec Hall.
Wednesday, August 22
Classes begin.

Public Radio

WPSX-FM 91.1
"All Things Considered," Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m.
"Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubinstein.
"Perspectives," 6:30 p.m. Wednesdays.
"Creative License," 12:30 p.m. Thursdays, with Asa Berlin and Pam Saulnier.

Conferences

Continuing Education
Keller Building
Aug. 19-24. Pennsylvania AFL-CIO COPE

Conference. Richard Hindle, associate professor of labor studies and industrial relations, chair.
Chuck Herd, coordinator.
Aug. 22, Social Education Teachers and Administrators, Jack Sinclair, coordinator.
Aug. 22-24, Human Resources Management for Safety and Productivity, Mark Radomsky, instructor of mineral engineering, director, Eric Loop, coordinator.

Seminars

Saturday, August 18
■ College of Ag and Biotechnology Institute, 10:20 a.m.-1:20 p.m., 312 Keller. International Telecommunications Symposium on Plant Biotechnology.

Exhibits

HUB Galleries
Formal Gallery
Spectacular Vernacular: Traditional Desert Architecture from West Africa and Southwest Asia, Aug. 25-Sept. 23.
Palmer Museum of Art
Selections from the Permanent Collection.

through Oct. 7
The Machines of Leonardo da Vinci, Aug. 12.
Nov. 4
Pattee Library
Rare Books Room:
Kenneth Burke, correspondence, through Aug. 17.
East Corridor Gallery:
David C. Faden, Quietudes, landscape pastels, through Aug. 17.
Lending Services Gallery:
Cynthia Spencer, photos, through Aug. 31.
West Lobby Gallery:
Permanent collection from the Arts Library, through Sept. 7.
Zoller Gallery
M.F.A. thesis exhibition, through Aug. 11.

TIPS

Information Penn State
Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather-234; Arts Line-345; University Calendar-456.

■ Contains an international component

Focus on the arts

WPSX program honored

"Best Friends," a 30-minute drama produced by WPSX-TV, Penn State Television, won highest honors at the 1990 Corporation for Public Broadcasting's Public Television Local Program Awards ceremony.

The show is receiving extra recognition as it has been scheduled to air on PBS's national program schedule at 10:30 p.m. Aug. 16.

Producer Wm. Gary Perdue said that "Best Friends" serves to "confirm our belief at WPSX that quality drama can be produced on a modest budget."

The CPB Gold Award in Performance was realized by the Penn State Television Drama Group, an innovative project begun five years ago that includes the Theatre Arts Department of the College of Arts and Architecture, the Film Unit of the School of Communications and WPSX-TV, Channel 3.

Described as "imaginative, clever" and a "charming piece" by the judges at the awards program, Best Friends utilized the resources of several Penn State alumni including: director William J. Kelley, director of photography Paul Cosella and the author of the play Edie Pistolesi.

Rare books exhibit

An exhibit providing insight into the life of Kenneth Burke, still active at 93 as a philosopher, rhetorician, and logician, is on display in the Rare Books Room of Pattee Library through Aug. 17.

Included in the exhibit are letters from

Malcolm Cowley, William Carlos Williams, Robert Penn Warren, Allen Tate, Ralph Ellison, Katherine Ann Porter, Theodore Roethke, Jean Toomer, Hart Crane, Thomas Mann, and Marianne Moore.

The arts on Channel 3

Evening at Pops, airing at 9 p.m. Friday, Aug. 10, features guest conductor Leonard Slatkin of the St. Louis Symphony Orchestra leading the Boston Pops Orchestra in a program that includes George Gershwin's Rhapsody in Blue with acclaimed soloist John Browning at the keyboard, and jazz-piano giant Dave Brubeck and his quartet performing his compositions.

WPSX-TV's Artworks series presents "American Gardens" at 8:30 p.m. Thursday, Aug. 9. The program is based on the Palmer Museum of Art exhibition "Transforming the American Garden: 12 New Landscape Designs" and illuminates ideas about design by a group of young landscape architects currently practicing in the United States.

Obituary

George B. Shoemaker Jr., associate professor of English at Penn State Ogonz Campus, from Sept. 1, 1958, until his retirement May 1, 1980, died July 5. He was 67.

Bookshelf

Trond Gilberg, professor and head of the Political Science Department, is the author of *Nationalism and Communism in Romania: The Rise and Fall of Ceausescu's Personal Dictatorship*, published by Westview Press, Boulder, Colo.

The book analyzes the relationship between nationalism and Communism in Romanian domestic and foreign policy. Dr. Gilberg, director of the Slavic and Soviet Language and Area Center, traces the roots of nationalism in Romanian history and demonstrates how the political and literary climate of the pre-Communist era still influences contemporary Romania.

He also studies the importance of Marxist-Leninist doctrine in establishing the country's political system after World War II. He discusses the idiosyncrasies that marked Romanian Communism, while listing its practical successes and failures. Dr. Gilberg concludes that the Romanian political system under the Ceausescu (1965-89) represented a blend of traditional Romanian nationalism, orthodox Communist ideology and the beliefs of the Ceausescu clan, particularly those of Nicolae Ceausescu.

Fluent in Russian and Romanian and several West European languages, Dr. Gilberg has written six books, including *Modernization in Romania Since World War II* (1975) and *The Social Communist Party and Sroudmization Communism* (1973).

Howard G. Knutigen, director of the Center for Sports Medicine, has co-edited *Sport in China*, a book about the past and present of Chinese sport. Co-editors are Ma Qiwei, a professor at the Beijing Institute of

Physical Education, and Wu Zhongyuan, director of the Press Commission of the Chinese Olympic Committee and director of the China Olympic Publishing House.

The book, published by Human Kinetics Books, is organized into three parts.

"Evolution and Organization of Physical Culture" traces sport in China for educational, recreational, health and competitive objectives, from its early history to the current organization and administration of the traditional sport. "Modern Sport Science and Sports Medicine" reviews China's growth in physical education, sports medicine, sports physiology and biochemistry, sports mechanics, and sport psychology. "The Future of Sport in China" looks to the future and identifies directions and goals.

Alexander von Eye, professor of human development, is the author of *Introduction to Configurational Analysis: The Search for Types and Antitypes in Cross-Classifications*, published by Cambridge University Press.

Configurational Analysis, or CFA, is a method for analyzing groups of individuals in contingency tables. Results are expressed in terms of the characteristics of the subjects in particular cells. Individuals belong to a "type" if their pattern of characteristics occurs more often than expected, and to an "antitype" if their pattern occurs less often than expected.

CFA is of special interest in psychology, although Dr. von Eye's book shows applications in psychiatry, medicine, sociology, education and history. Dr. von Eye provides an overview of CFA, describes several models and applications, introduces models of longitudinal CFA, and shows how CFA complements log-linear modeling.

News in Brief

Plant biotechnology symposium

The College of Agriculture and the Biotechnology Institute are sponsoring an International Telecommunications Symposium on Plant Biotechnology from 10:20 a.m. to 1:20 p.m. Saturday, Aug. 18, in Room 312 Keller Building at University Park.

The symposium will cover state-of-the-art research and fundamental science in plant biotechnology, specific applications of plant biotechnology techniques and broadened access to plant biotechnology advances for developing countries.

There is no charge for the symposium, and registration can be made by calling Patricia Phillips at 863-3650.

Turfgrass field days

The 1990 Penn State Turfgrass Field Days will be held at University Park Aug. 29 and 30.

The conference is sponsored by the University, Penn State Cooperative Extension and the Pennsylvania Turfgrass Council. College of Agriculture faculty members will lecture and conduct tours of research plots and the Landscape Management Research Center.

There is no registration fee.

Volunteers needed

The Lion Liaison Mentor Program pairs new students with faculty, staff or alumni for purposes of easing the transition of the returning adult student back to school. This one-to-one interaction helps to strengthen their confidence in and aid adjustment to the higher education environment.

Mentors are needed for the Fall Semester. Your responsibility would be to call or meet with a new student and get to know him/her by participating in a few activities throughout the semester.

For more information about Lion

Liaison, call the Returning Adult Student Center at 863-3887.

Education Abroad Programs

Academic units intending to propose a credit-bearing education abroad summer 1992 program are invited to submit a pre-proposal to the Office of Education Abroad Programs by March 1 of the year prior to the desired running of the program.

Pre-proposal guidelines are available from the coordinator of program support services in the Office of Education Abroad Programs, 222 Boucke Building, 865-7681.

Clinic re-accredited

The Speech and Hearing Clinic in the College of Health and Human Development has been re-accredited by the American Speech-Language-Hearing Association.

The clinic, a part of the Department of Communication Disorders, diagnoses and treats clients who have speech, language, or hearing disorders. It also provides a setting in which students gain professional experience and faculty conduct research.

Department of Energy grant

Vladimir S. Stubican, professor of materials science and engineering, College of Earth and Mineral Sciences, has received a \$210,000 grant from the Department of Energy for research on the influence of point defects on diffusion in grain boundaries of ceramic materials.

School receives approval

The School of Nursing in the College of Health and Human Development has received full approval by the Pennsylvania State Board of Nursing.

The Board reviews undergraduate programs of all schools of nursing throughout Pennsylvania every two

three years. Items included in the evaluation are curriculum, instruction, administration, records and evaluation procedures.

Following review, the school is granted an initial, full, or provisional approval. Full approval is awarded to schools that reach or maintain the acceptable standards and adhere to the policies and regulations of the board.

After visiting the school for two days and reviewing a comprehensive report, the board continued Penn State's undergraduate nursing program on full approval.

College of Education gets grant

The College of Education has received a two-and-one-half year, \$490,000 grant from the National Science Foundation for support of a project titled, "The Construction of Elementary Mathematics (CEM) Project."

Purpose of the project is to improve the preparation of elementary teachers to teach mathematics and to study the development of preservice teachers as they expand their understanding of mathematics and of children's learning.

Martin Simon, assistant professor of education and director of the CEM project, points out, "The National Council of Teachers of Mathematics has come out with its curriculum and evaluation standards, which provide an important vision for mathematics education. Its implementation would greatly improve mathematics preparation in this country. How do we prepare teachers to deliver this new vision of school mathematics, however? CEM is designed to contribute to answering this question."

Math program for teens

Some 60 mathematically talented middle-school students attended the sixth annual computing and mathematics

program sponsored by the College of Education last month.

Specifically designed for academically talented seventh- and eighth graders, the program focuses on math and problem-solving.

"We find that this program challenges the gifted students and gives them a head start on thinking about college," M. Kathleen Heid, associate professor of education, said.

For more information about the Mathematics and Computing Summer Program, contact Dr. Heid, Department of Curriculum and Instruction, 171 Chambers Building, University Park, or call 865-2430.

Penn College gets grant

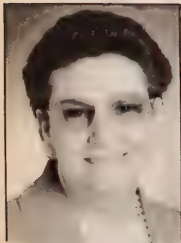
A development grant from the U.S. Department of Education, expected to exceed \$2 million over five years, will enable The Pennsylvania College of Technology to develop technology-based instruction to teach its students much the same way NASA trains its space shuttle pilots.

But, instead of flight simulators, students will use computers and interactive videos to simulate life experiences and to explore concepts in their courses.

Penn College will receive the grant through the Strengthening Institutions Program, established by the Higher Education Act of 1965 and commonly referred to as "Title III." The funds are to begin with an award tentatively set at \$423,728 for the 1990-91 academic year.

Grant M. Berry Jr., dean of development, said technology-based instruction, which may eventually be applied throughout the College curricula, has the capacity to revolutionize the educational process by stimulating students' enthusiasm for learning.

25-year award recipients



Observing 25 years of service at the University are, from left, Helen Bubline, laboratory attendant A, Department of Dairy and Animal Science; Lester C. Griel, associate professor of veterinary science; and William Merrill, professor of plant pathology, all in

the College of Agriculture; Wesley C. Hymer, director of the Center for Cell Research and director of the Space Grant College Program in the Eberly College of Science; Shirley Woods, secretary and budget officer, Office of the President.

Partings

Tennis Coach **Holmes Cathral**, the dean of Penn State's head coaches, has retired from his teaching and coaching position after more than 25 years service.

Mr. Cathral joined the faculty and coaching staff prior to the start of the 1964-65 school year. In 26 seasons, his teams posted a composite mark of 280-197-1, winning Eastern Championships in 1972, 1973, 1975 and 1977, and Atlantic 10 Conference titles in 1978 and 1980. He inherited a program in the midst of eight consecutive losing seasons and promptly began a string of 19 straight non-losing seasons.

During his first five years at the University, he also served as freshman basketball coach under coaches John Egli and John Bach.

"Holmes Cathral has given exceptional service to our athletic department," athletic director Jim Tarmann, said. "He built our tennis program into one of the most competitive and highly respected in the East."

Mr. Cathral joined the University staff following three years at Lackawanna Trail (Pa.) High School, where he was the head basketball coach and an assistant coach for the football and track teams. He previously taught and coached in the Elk Lake (Pa.) school system.

A native of Scranton, Mr. Cathral was an outstanding prep school athlete at Blair Academy in Blairstown, N.J. He entered Colgate in 1942 and earned four varsity letters each in basketball, track and tennis. He graduated from Colgate in 1947 and served a tour of duty with the U.S. Marine Corps in the Pacific Theater, where he ranked of captain.



Holmes Cathral

Helen Irvin, food preparer in Housing and Food Services, has retired after 25 years of service. She began as a counter attendant in Johnston Commons and served as head cook for Johnston and Redifer Commons and assistant cook for Waring Commons.

Along with the enjoyment of working with students, Ms. Irvin mostly liked to work the early shift. Starting her day at 5:30 a.m., she was usually able to be home when her children returned from school.

A mother of five and a grandmother of eight, she plans to spend retirement catching up on things.

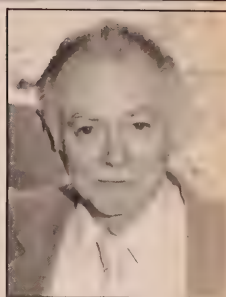
Charles E. Sohl, assistant professor of engineering at the Penn State Ogonitz Campus, has retired after more than 40 years of service.



Helen Irvin

He began his University career in 1949 as acting head of York Technical Institute now the Penn State York Campus. He spent the following year teaching at the former Swarthmore and Allentown centers. After taking a year's leave, he returned to Ogonitz.

Once listed in *American Men of Science*, he has functioned in many capacities outside of the classroom over the course of his career. In addition to leading the associate degree program in mechanical engineering, he has served as chairman of the Ogonitz Faculty Senate, member of the University Faculty Senate and Council, staff consultant to the assistant director of academic planning, and scheduling officer. He also has been involved with student organizations, serving as adviser for the



Charles E. Sohl

theater group and faculty sponsor of the Young Americans for Freedom.

In recognition of his advising skills, the Penn State Engineering Society chose Professor Sohl to receive this year's Outstanding Advisor Award. Serving as both college representative and group leader of the mechanical engineering program at Ogonitz, he was responsible for all engineering and MET advising at the campus. He also served as adviser to the Ogonitz Engineering Society and the student chapter of the Society of Manufacturing Engineers, for which he won several recruiting awards.

In addition, he helped to plan and supervise the conversion of three buildings at Ogonitz.

Faculty/Staff Alerts

New parking map

A revised parking map, which includes parking rules and regulations, will be distributed in mid-August to faculty and staff members who have parking permits.

Fall parking reminder

Faculty and staff members are encouraged to carpool, walk or take public transportation during the week of Aug. 20, when new and returning students arrive at

University Park. In addition, faculty and staff members who park on campus during that week are urged not to move their cars from the lots during working hours.

Parking lot Yellow A

The Yellow A lot at Pattee Library is now reserved until 9 p.m. daily, instead of 7 p.m. It becomes the third lot, along with Yellow B (at Oswald Tower, Pond and Chandler labs) and Brown A (one section of Deike), to have extended reserved parking hours.

Parking lot 80

Beginning Aug. 20, the southern section of student lot 80 will become faculty and staff lot Blue A (part time), providing about 420 parking spaces for holders of Blue A parking permits. Other parking permits will no longer be valid in this lot.

The entrance to Blue A lot will be from Bigler Road near the Curtin Road intersection. The lot is available for part-time and full-time faculty and staff parking.

Obituaries

Helen L. Meyer, food lab and equipment attendant, College of Human Development, from Sept. 1, 1950, until her retirement Nov. 13, 1973, died June 30. She was 77.

Mary E. Long, food service worker, Housing and Food Services, from Aug. 28, 1961, until her retirement Feb. 18, 1976, died June 29 at the age of 71.

Staff Vacancies

(Continued from page 8)

*00830. Manager, Orthopaedic Appliance, University Hospital, Elizabethtown Hospital, The Milton S. Hensley Medical Center - Responsible for the operation of the Orthopaedic Appliance Department and for the supervision of the process necessary in the production of orthotic and prosthetic devices. Requires bachelor's degree in anatomy, physiology, or related area, or equivalent, with two to four years of effective experience. Must possess current orthotist or prosthetist certification as awarded by the American

Board of Certification in Orthotics and Prosthetics. STAFF GRADE 7

*00831. Area Representative, Continuing Education, Penn State Harrisburg - Responsible for the development, organization, operation and administration of Continuing Education programs and services in an assigned service area. Plan, schedule, staff, and conduct evening school class operations, workshops, conferences, and contract services with clientele develop an efficient and effective marketing plan for programs to be administered. Requires

bachelor's degree or equivalent, plus two to three years of effective experience in business, industry or education STAFF GRADE 7.

*00832. Computer and Technical Support Assistant, Schuylkill Campus, Academic Affairs - Responsible to the director of academic affairs, and to various campus staff and faculty for maintaining operations of the campus computer laboratories for monitoring the use and condition of assigned computer, audio-visual, telecommunications, lighting and sound equipment and for coordinating stage lighting, sound and set-up of auditorium events. Requires associate degree, or equivalent, in computer science or related field plus one

to two years of effective experience in the computer field. General knowledge of audio visual equipment and stage lighting preferred. STAFF GRADE 4

*00833. Coordinator, Job Development and Internships, Behrend College, Career Development - Responsible to the career development and placement coordinator for the development of full-time, part-time, internship and summer job opportunities for undergraduate and graduate students. Coordinate the on-campus recruitment program and assist students in the job search process through individual and group counseling and instruction. Requires master's degree, or equivalent, in student personnel or a related field,

plus one to two years of effective experience. STAFF GRADE 6

*00834. Residence Hall/Recreation Coordinator, Mont Alto Campus, Residential Life - Responsible to the assistant director for campus life for residential living programs serving 270 students, as well as assisting the athletic director with the campus intramural recreation program. Requires master's degree in student personnel counseling and/or recreation plus up to 12 months of effective experience in residence hall administration and/or recreation of bachelor's degree in a related field plus one to two years of effective experience. THIS IS A CONTINUING 10-MONTH LIVE-IN POSITION. STAFF GRADE 6.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304). Applications for these staff vacancies will be accepted until **Aug. 16, DO NOT CONTACT THE UNIVERSITY THAT HAS THE VACANCY**. Applications for staff vacancies are considered in accordance with Fair Employment Practices (FES) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law) sex, or status as disabled or Vietnam era veteran.

***08012, Writer-Information Aide, Agribiz, Ag Information Services, University Park Campus** - Assist senior staff in writing news stories and releases, periodic and magazine feature articles on College programs. Requires bachelor's degree or equivalent in some area of communications, preferably journalism, plus nine to 12 months of effective experience demonstrating ability to write and proofread. Experience in photoediting desired. THIS IS A FIXED TERM POSITION FUNDED THROUGH JUNE 30, 1991. STAFF GRADE 4.

***08014, Administrative Computer Systems Specialist, Liberal Arts, Center for Computing Assistance in LA, University Park Campus** - Responsible for IBIS implementation throughout College to include path maintenance changing LA IBIS information group serving as LA representative at IBIS meetings and trouble-shooting IBIS related problems. Requires associate degree or equivalent in accounting, computer science, or related field plus one to two years of effective experience in accounting and basic computer with computer applications. Knowledge of University computerized accounting and budget systems including IBIS desired. THIS IS A FIXED TERM POSITION FUNDED THROUGH JUNE 30, 1991. STAFF GRADE 5.

***08015, Counselor, Student Services, Career Development and Placement Services, University Park Campus** - Responsible to the assistant director for

career counseling for providing career development and placement services. Requires master's degree, or equivalent, in clinical or counseling psychology, counselor education, student personnel administration or related area, plus one to two years of effective experience. THIS IS A FIXED TERM POSITION FUNDED THROUGH JUNE 30, 1991. STAFF GRADE 7.

***08016, Conflict Management Specialist, Student Services, Campus Life, University Park Campus** - Responsible to the director, Center for Conflict Management, for directing and coordinating the activities of the mediation service, producing training materials and workshops on conflict resolution and mediation skills for student, faculty, and staff groups. Requires master's degree, or equivalent, in counseling or related field, plus one to two years of effective experience with mediation and alternative dispute resolution techniques. THIS IS A FIXED TERM POSITION FUNDED THROUGH JUNE 30, 1991. WITH GOOD POSSIBILITY OF RE-FUNDING. STAFF GRADE 7.

***08017, Museum Store Manager, University Arts Services, Palmer Museum of Art, University Park Campus** - Responsible for the management operation and development of the Museum of Art Store. Also responsible for all financial aspects including budget development, accounting, for sales, transactions and purchases, recording of inventory, and development of increased profitability. Requires bachelor's degree in art or art history, or equivalent, plus three to 12 months of effective experience. STAFF GRADE 5.

***08018, Information Technology Associate, Eberly College of Science, Statistics, University Park Campus** - Responsible for administering departmental computing facilities. Requires bachelor's degree, or equivalent, in computer science, electrical engineering or closely related discipline plus two to three years of effective experience. Requires operating experience with appropriate hardware and software, UNIX, DOS, CMS, IBM, SUN, networks, statistical packages and graphics. THIS IS A FIXED TERM POSITION FUNDED FOR ONE YEAR FROM DATE OF

APPOINTMENT WITH PROBABLE RE-FUNDING. STAFF GRADE 7.

***08019, Research Park Marketing Director, Senior Vice President for Research and Dean of the Graduate School, University Park Campus** - Responsible to the associate vice president for research and technology transfer for the development and implementation of an overall marketing plan for the Penn State Research Park. Requires bachelor's degree, or equivalent, plus five to seven years of effective experience with background in technology management, product development, and/or marketing. Experience in the development of University-related research parks or similar venture is desired. Graduate degree preferred. THIS IS A FIXED TERM POSITION FUNDED THROUGH JUNE 30, 1991. WITH STRONG POSSIBILITY OF RE-FUNDING. STAFF GRADE 9.

***08020, Human Resources Specialist, Office of Human Resources, University Park Campus** - Jointly responsible to the manager, Employment Division and the manager, Human Resources Development, for providing assistance and coordination in the areas of minority recruitment for staff, clerical, and technical-service positions. Requires bachelor's degree, or equivalent, preferably in management or human resources, plus one to two years of effective experience in recruiting, training or human resource functions. THIS IS A FIXED TERM POSITION FUNDED THROUGH JUNE 30, 1991. WITH A GOOD POSSIBILITY OF RE-FUNDING. STAFF GRADE 6.

***08021, Reactor Supervisor/Nuclear Education Specialist, College of Engineering, Nuclear Engineering (Brazelton Reactor), University Park Campus** - Responsible for supervising the operation of the Penn State Brazelton TRIGA Reactor and other support systems of the facility in accordance with applicable facility (PSBR) and federal (USNRC) regulations. Requires bachelor's degree in technology or equivalent with two to three years of effective reactor operations experience. Must acquire and hold by means of qualification and requalification programs a USNRC Senior Reactor Operator license for the Penn State Brazelton Reactor. STAFF GRADE 6.

***08022, Environmental Analyst, College of Engineering, Nuclear Engineering, University Park Campus** - Responsible to the supervisor, Low Level Radiation Monitoring Laboratory, and a faculty member for conducting low level radiation monitoring and neutron activation analysis, for performing various laboratory procedures, for collecting and recording report data, and for providing general laboratory support. Requires bachelor's degree, or equivalent, in chemistry or related field and six months to one year of effective experience in an analytical laboratory environment. THIS IS A FIXED-TERM POSITION FUNDED FOR ONE YEAR WITH PROBABILITY OF RE-FUNDING. STAFF GRADE 4.

***08023, Academic Advisor-Undergraduate Student Services, Business Administration, Undergraduate Programs, University Park Campus** - Responsible for various academic and nonacademic programs in support of undergraduate advising. Requires bachelor's degree, or equivalent, in business, counseling, student personnel education, or a related field, plus one to two years of effective experience as a student degree preferred. Detailed knowledge of established University policies and procedures in areas of admission, baccalaureate degree requirements, and academic records highly desirable. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991. WITH RE-FUNDING LIKELY. STAFF GRADE 6.

***08024, Academic Advisor-Undergraduate Student Services, Business Administration, Undergraduate Programs, University Park Campus** - Responsible for various academic and nonacademic programs in support of undergraduate advising. Requires bachelor's degree, or equivalent in business, counseling, student personnel education, or a related field, plus one to two years of effective experience. Master's degree preferred. Detailed knowledge of established University policies and procedures in areas of admission, baccalaureate degree requirements, and academic records highly desirable. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991. WITH RE-FUNDING LIKELY. STAFF GRADE 6.

***08025, Clinical Head Nurse, College of Medicine, Nursing-Pediatrics, The Milton S. HERSHEY Medical Center** - Responsible to the nursing manager and/or the assistant director of nursing services for performing a variety of nursing duties, as well as providing leadership to nurse clinicians and other patient care personnel. Requires a registered nurse with a current license to practice professional nursing in Pennsylvania, plus one to two years of effective nursing experience. TWO POSITIONS AVAILABLE. STAFF GRADE 5.

***08027, Classification Analyst, University Hospital, Department of Human Resources, The Milton S. HERSHEY Medical Center** - Responsible to the assistant director, Department of Human Resources, for assisting in the implementation and maintenance of the University's wage and salary classification plans at the Hershey Medical Center and for assigned special projects. Requires bachelor's degree, or equivalent, preferably with some course work in personnel administration or industrial engineering, plus one to two years of effective experience, preferably in job evaluation or classification activity. STAFF GRADE 6.

***08028, Audiologist, College of Medicine, Department of Nursing/Outpatient, The Milton S. HERSHEY Medical Center** - Responsible to the manager, Ambulatory Services, and chief, Division of Otorhinolaryngology, for diagnostic, rehabilitative and rehabilitative services, as well as personal research related to hearing impairments and defects. Requires master's degree in audiology, plus one to two years of effective experience. STAFF GRADE 6.

***08029, Director, College of Medicine, Student Affairs, College of Medicine, Department of Student Affairs, The Milton S. HERSHEY Medical Center** - Responsible to the associate dean of student and alumni affairs and the assistant deans of student affairs for the administrative and counseling functions performed in the Office of Student Affairs. Requires master's degree in a relevant area (admissions, student affairs, financial aid, student services) and two to three years of effective experience. STAFF GRADE 7.

Please see "Vacancies" on page 7.

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William E. Campbell Jr., Editor
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Kathy Garman, Calendar

August 9, 1990
Vol. 19, No. 39

AG PROGRESS DAYS

See insert on Ag Progress Days
included in this issue.

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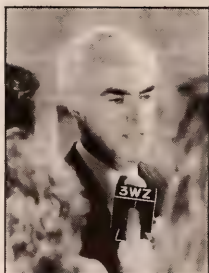
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August 23, 1990

Volume 20, Number 1



Gov. Robert P. Casey paid tribute to President Jordan during a visit to the annual Ag Progress Days. (Photo: Greg Grieco)

Executive Programs highly ranked

The Penn State Executive Programs holds one of the top market shares in its field worldwide, according to latest ratings in a leading trade publication.

"The Bricker Bulletin on Executive Education" placed Penn State 12th in total number of participants among 89 institutions worldwide that offer educational programs internationally to mid- and upper-level business executives. Penn State was fourth among public American institutions on the list and ninth among U.S. schools overall.

Topping the list was the University of Michigan which enrolled 1,984, followed by Harvard University with 1,854. Penn State had 483 participants; the University of California at Berkeley, 295 (ranked 19th); and Dartmouth College, 271 (20th).

The only other Pennsylvania institution on the "Bricker" international list was the University of Pennsylvania, which was ranked sixth.

The Executive Programs, part of the Mary Jean and Frank P. Smeal College of Business Administration, tied for fourth worldwide (with the French school INSEAD) in the total number

of programs offered, and was third and fifth, respectively, in the number of functional and general management programs offered.

Penn State had the ninth largest market share in a separate "Bricker" ranking of 62 institutions that offer executive programs in North America.

The University of Michigan again topped the list in market share, followed by Harvard and Columbia universities. Rounding out the top 20 were Boston University (19th) and the University of California at Los Angeles (20th).

In the North American rankings, Penn and Penn State were joined by Carnegie Mellon University (18th) as Pennsylvania schools listed.

Penn State was third in the number of programs offered to participants, tied for fifth (with Western Ontario) in the number of general management programs offered and tied for fifth (with Harvard) in functional programs.

Now in its 34th year, the Penn State Executive Programs had more than 700 total participants during 1989-90, including individuals from nearly 40 countries.

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Proclamation

In proclaiming the week of Sept. 8-15 as POW/MIA Recognition Week, President Jordan has issued the following:

Whereas, Approximately 2,400 American servicemen are still missing or unaccounted for from the Vietnam

conflict, which ended over 15 years ago; and

Whereas, The National League of Families reports that 117 of them are from Pennsylvania; and

See "Proclamation" on page 3

Pollock Road closing

Pollock Road at University Park is now closed to through traffic Monday through Friday, 7:45 a.m. to 5 p.m. Pollock Road will be open to Fraser Road with limited access to Old Main from the west entrance on Atherton Street. From Shortlidge Road, Pollock Road will be open up to McAllister Building.

The closing will protect pedestrians from traffic during class changes, while allowing access to all parking lots.

"After reviewing the results of our trial closing in April, we feel that the benefits of closing Pollock to protect pedestrians far outweigh the minor inconveniences of not being able to drive through campus at this point and the surprisingly small increases in traffic on nearby streets," David E. Stormer,

assistant vice president for safety and environmental services, said.

The impact study, conducted while Pollock Road was closed on a trial basis last spring, measured traffic volume and trips on alternate streets, such as Curtin and Burrowes roads and Park and College avenues, as well as the costs of extra faculty and staff travel time.

The University has worked with the Borough of State College traffic engineers on the traffic impact study.

Signs will be placed at the intersections of Pollock and Shortlidge, and Pollock and Burrowes to notify motorists of the closing. Pollock Road will be open to through traffic evenings, weekends, holidays and between semesters.



New freshmen participate in "Playfair: Celebrating Community," a presentation geared toward providing new students with the opportunity to interact with students from different backgrounds. The event, conducted Aug. 16 by the University's Student Services Division of Campus Life, Residential Life in the Greenberg Indoor Sports Complex at University Park, is part of a series of activities aimed at developing an appreciation for diversity among the new student population. (Photo: Greg Grieco)

Private Giving to Penn State

DeFluri scholarship will assist student athletes

A State College businessman has committed \$550,000 to help student athletes in honor of his father, Frank DeFluri of Hazleton, a friend and father figure to a generation of Nittany Lion football players.

Richard DeFluri designated proceeds of a \$500,000 life insurance policy to endow the Frank "Fritz" DeFluri Football Scholarship. The policy is owned by Penn State, but is funded by DeFluri and names the University as beneficiary. A \$50,000 annuity was similarly designated for general athletics.

Fritz DeFluri operated the first Home

Delivery Pizza shop in State College, at 129 S. Pugh St., from 1956 to 1974. It was a second home to football players and other athletes, where DeFluri and his family developed close friendships that continue to this day, according to his son.

"When I was growing up," Richard DeFluri said, "I thought everyone was 6-foot-5 and 240 pounds. My dad became like a father to those kids, like Franco Harris, Don Abby, Ted Kwalick and Don Jonas. They still call, asking about him and out how they can reach him."

His personal qualities are also noted by

one long-time friend, Head Coach Joe Paterno.

"Fritz is one of the most generous, warm-hearted guys around," Coach Paterno said. "And he's about as loyal to the program as anyone I've known."

The football scholarship will support student athletes who play the outside linebacker, or Fritz position, which was named for Frank DeFluri during the tenure of former Head Coach Rip Engle. Coach Paterno added.

He said that the scholarships stabilize the program by freeing more football revenues

to be used by the other sports University-wide.

Frank DeFluri graduated from Penn State in 1956 with a degree in business administration. He currently owns and operates the Hazleton Nursing and Geriatric Center and the Mountain City Nursing and Geriatric Center in Hazleton.

Richard DeFluri is a 1974 graduate of the University in insurance and real estate and is a financial consultant with the Pennsylvania Financial Group.

Grant to develop leadership education

The University will develop leadership educators for local communities with the help of a \$50,000 grant from the W.K. Kellogg Foundation.

According to Debra Gregory, project associate in the College of Agriculture and state coordinator for the Family Community Leadership project, the thrust of the program is to "train the trainer." "Participants will learn to resolve family and community issues that they themselves identify," she said. "As educators, our role is to teach decision-making, public-policy and group-process skills, so that participants can train others to effectively deal with local issues."

The FCL project will be conducted by

Penn State Cooperative Extension agents and volunteers beginning in August in 10 Pennsylvania counties that are now being identified. The three-year Kellogg grant will pay the expenses incurred by volunteers attending training sessions.

Our concern is with encouraging people to take a greater role in shaping today and tomorrow," Russell G. Mawby, chief executive officer of the foundation, said.

The foundation, one of the largest private philanthropic organizations in the world, has distributed more than \$1.2 billion since it was established in 1930 to support programs in agriculture, education and health.

For outstanding students Agriculture gets scholarships

A University alumnus and his wife have committed \$250,000 for scholarships aimed at recruiting outstanding students to the College of Agriculture.

James Leamer of Elliptic City, Md., a 1951 graduate of the college and executive director of the Maryland Higher Education Loan Corp., said he and his wife, Gertrude, want the college to remain academically competitive.

"We hope these scholarships allow Penn State to attract some first-rate students that it otherwise might have lost to other top agricultural colleges in the Northeast."

Mr. Leamer, who managed his own dairy

farm near Dunlo in Cambria County while still in high school, earned his degree in agricultural education. He taught vocational agriculture in York County from 1951 to 1958. He then served as a high school guidance counselor in the county schools until 1965, when he assumed his present position.

"Jim and Gertrude Leamer's generous gift helps us to meet a critical need," Dean Lamartine F. Hood, said. "State and federal funds are simply inadequate to support all the programs we must have if we are to continue to rank among the nation's best agricultural colleges."

Best Western gift

L.B. Thomas, president of Best Western State College Inn, has committed \$20,000 to establish the Best Western State College Inn Scholarship, which will provide financial assistance to a full-time junior or senior in the hotel option in the School of Hotel, Restaurant, and Institutional Management.

"Without Penn State's support, my business would not be as successful," Mr. Thomas says. "It seemed only fitting to give some of the earnings back to the University."

Center for Electro Optics Research gets grant

The University's internationally known Center for Electro Optics Research has received a \$55,000 grant from Mitsubishi Kasei Corp. to test the use of high-capacity optical disks for image correlation.

F.T.S. Yu, Evan Pugh professor of electrical engineering and director of the center, is conducting the research.

The high capacity of the disks — 100 trillion bits of information — makes it possible to store vast numbers of reference images," Dr. Yu said. "This might allow a

hybrid optical computer, for instance, to recognize a particular type of blood cell as an aid to physicians in medical diagnosis or research. We're trying to show that there are practical methods to allow a hybrid optical computer to do this."

Dr. Yu noted that, in terms of pattern recognition, a 3-year-old child can outperform today's most powerful computers.

Mitsubishi's grant is supporting Dr. Yu's efforts to use a joint transform correlator to eliminate laborious and time-consuming

programming tasks, and his work to devise statistical methods to permit high-speed, random-access searches of the optical disks' memory files.

Mitsubishi Kasei is a highly diversified electronics and consumer products manufacturer with world headquarters in Yokohama, Japan. The Center for Electro Optics Research attracted the attention of a company official who met with Dr. Yu last year.

Gift of \$750,000 is pledged to Berks Campus campaign

A Wyomissing physician has pledged \$750,000 to the Penn State Berks Campus capital campaign. It is the largest contribution to the campus's fund-raising effort and the second largest pledge to any of Penn State's 17 Commonwealth Campuses during the University-wide Campaign for Penn State.

The gift by Frank A. Franco, an internal medicine specialist in Reading, will go toward construction of a new academic building on the campus.

"I am extremely pleased to accept Dr. Franco's most generous gift on behalf of the University," Campus Executive Officer

Frederick H. Gaige said. "With the rapid escalation in construction costs since the Berks Campus campaign began, it would not have been possible to build as large a building as we'd originally planned without such major gifts as Dr. Franco's. The gift is a testament to his strong commitment to the Berks area."

The Penn State Berks capital campaign surpassed its \$2 million goal in early May and has raised more than \$2,750,000. The gifts are designated toward the construction of the new academic building as well as the addition of several laboratories to the existing Luessen Building.

While an undergraduate at Penn State, Dr. Franco was a member of the pre-medical honor society Alpha Epsilon Delta and later served two years as a National Institutes of Health Fellow in metabolic diseases.

In 1961, he entered the communications field and with colleague Howard F. Reber founded City Broadcasting Co. Inc. The enterprise grew to include four radio stations, including WRFY and WRAW in Reading and WMMB and WGGD in Melbourne, Fla.

Dr. Franco serves on the Alvernia College Board of Trustees and recently was

invited to serve on the Penn State Berks Advisory Board. He also serves on a number of other advisory boards locally and in Philadelphia.

In 1989 he was the recipient of the Franciscan Service Award from Alvernia College and in 1990 the Italo-American Citizenship Award. He is a life member of the Penn State Alumni Association.

Dr. Franco and his wife, Paula, have two children: David, who operates the two radio stations in Florida; and Mary Jo, who directs the family's equestrian center in York County. The Francos have four grandchildren.

Behrend gets funding for library, academic complex

Gov. Robert P. Casey presented Penn State-Behrend Provost and Dean John M. Lilley with a check representing nearly \$10 million last semester to make a long-awaited and much-needed library and academic complex a reality at the four-year and graduate college.

"The new library and academic complex will help to improve the climate for first-rate scholarship and superb research, fulfilling the needs of our students and faculty," Dr. Lilley said. "The new structure will increase our research capabilities, and will help to make possible nationally recognized graduate programs, thus aiding economic development."

"This action is concrete proof of the governor's commitment to Northwestern Pennsylvania. It also is the result of the very hard work of State Rep. Bennie Dombrowski, who has been the catalyst for the project. It will bring a substantial construction project into the region."

Enrollment has more than doubled at the 700-acre campus during the last five years, bringing library facilities, classroom space, and faculty offices to full capacity. Fall 1989 enrollment figures peaked at 2,838.



Artist's rendering of new library and academic complex

The present library, located in the College's Reed Union Building, is a temporary space. The new 100,000-square-foot complex will be located to the east of the Reed Union Building. It is designed to complement historic touches from the original farmhouse on campus, belonging to

the College's benefactors Ernst and Mary Behrend. The Pittsburgh architectural firm of L.D. Astorino and Associates, Ltd., is the architect for the project.

The only other campus building funded by the state is the Nick Building, erected in 1970.

In addition to housing the new library, classroom and faculty office space, the new structure will contain Penn State-Behrend's communication center, which includes printing services and a television studio. The library itself will have private study areas, a language lab, and computer labs.

Obituary

Arthur Rose, professor emeritus of chemical engineering, died July 27. He was 87.

He received his bachelor of science degree in 1925, his master of arts degree in 1926 and Ph.D. in 1927 from the University of Cincinnati. Prior to joining the chemistry faculty in 1931, he taught chemistry at Lehigh University and the University of Hawaii. He retired from Penn State in 1964.

A member of the American Chemical Society since 1925, Dr. Rose held various offices in the society. He was a Fellow of the American Institute of Chemists, the

New York Academy of Sciences, and the American Association for the Advancement of Science.

He was the author of six books, including four editions of the *Condensed Chemical Dictionary*, a standard reference work for chemists.

Carpooler

One carpooler is needed from Altoona. Belwood intersection Route 220, or from Tyrone to University Park. Hours are 8 a.m. to 5 p.m. Call Cathy at 865-0556, leave your name and number. She will return your call.

"Corporate Challenge" run/walk planned

The first annual "Corporate Challenge" 5K Run/Walk will be held Sept. 15 at Supelco Park in Pleasant Gap.

Starting at 9 a.m., the 5-kilometer (3.1 mile) run will involve competition among corporate teams composed of local employees and their dependents as well as individual participants. For those who prefer a less-competitive pace, a separate 5K fun walk will begin prior to the run at 8:30 a.m.

Awards will be made to the first place male and female corporate running teams and a corporate cup will be awarded to the employer with the highest percentage of participation in both the run and walk.

Individual awards will be provided. University faculty and staff and families are invited and encouraged to participate either as teams or individuals. All team members are required to pre-register by Sept. 1 and must be employees or dependents of Penn State.

At University Park, registration forms are available at Recreation Building, IM Building, White Building and the Faculty/Staff Health Promotion Office in Rider Building. For more information, contact Nancy Sassano at 865-3085 or event co-chairspersons Bob Shirey or Terry Reid of Supelco (359-3441).

Center doesn't agree to anti-obscenity clause

The Director of the Center for the Performing Arts has refused to agree to the new anti-obscenity clause required by the National Endowment for the Arts.

Ken Foster said that while he officially accepts the \$5,000 grant from the NEA, his refusal to agree to the content restriction, in effect, turns down the money before it is given. It was a matter of personal conscience not to bow to threats of censorship, he said, and not a University decision.

"Particularly in a University community, we have a responsibility to present a wide range of artistic work," Mr. Foster added. "This action by a federal agency is the first step that restricts both the artist's right to create and the audience's right to experience uncensored work that often deals with important social issues." The Center for the Performing Arts at University Park will present 30 events during this fall and spring semesters

including opera, dance, theater, jazz and Broadway shows.

James Mooser, dean of the College of Arts and Architecture under which the center functions, added his support to Mr. Foster's decision.

"It is not easy to turn away much needed financial assistance," Dean Mooser said. "However, I am convinced that if those of us in the mainstream of the artistic community do not speak up now, we may gradually lose our ability to speak with freedom at all."

Each program director in the college may decide whether to accept or decline an NEA grant, according to the dean.

In the growing debate over funding of the arts, the NEA has come under sharp criticism by U.S. Sen. Jesse Helms (R-N.C.) and other conservative factions. Their action led to restrictive legislation imposed by the Senate Appropriations Committee. It requires grant recipients to pledge they will

not use funds "to promote, disseminate or produce materials which in the judgment of the NEA...may be considered obscene."

The \$5,000 grant was awarded for a series called *Dramatic Encounters* created in 1989 to present new works, diverse and sometimes experimental works. The series, which includes four performances, met all NEA criteria. Fewer than 100 grants will be given this year by the NEA to presenting organizations such as the center.

The NEA grant represents approximately 6 percent of the direct costs associated with this project, Mr. Foster said.

Although they do not know how they will replace the money, he said the center will not cut or change any of the programs planned for this season.

The center's season includes the Pittsburgh and the Philadelphia orchestras, New York City Opera National Company, The Sound of Music, a Mozart festival and a new children's series.

Proclamation

Continued from page 1

Whereas, The Freedom Tree, which was planted outside of Wagner Building on the Penn State campus in 1973, dedicated to Capt. Charles J. Calfarelli, a Penn State graduate, and all other Americans still missing in Southeast Asia; and

Whereas, Each day, the official POW/MIA flag is raised with the American flag on the flagpole next to the Freedom Tree; and

Whereas, The Congress of the United States has proclaimed Sept. 16, 1990, as National POW/MIA Day, and the University supports that effort.

Therefore, I, Dr. Bryce Jordan, president of The Pennsylvania State University, do hereby proclaim the week of Sept. 8-15, 1990, as POW/MIA Recognition Week at Penn State. I urge everyone to remember our POW/MIA and to support efforts to obtain the fullest possible accounting for them.

Focus on the arts

The arts on Channel 3

Guest conductor John McGinn, who specializes in restoring and performing original orchestrations of great American musicals, joins the Boston Pop Orchestra in a salute to the show tunes of Kern, Gershwin, Porter and Rodgers, performed as they were in the golden age of American song on *Evening at Pop*, airing at 9 p.m. Friday, Aug. 24, on WPX-TV.

A leading acting teacher who has trained some of the most skilled and famous performers of the stage and screen for over half a century is revealed in "Sanford Meisner: The Theater's Best Kept Secret," which premieres on *American Masters* at 10 p.m. Monday, Aug. 27.

The challenges and rewards of the solo dancer are explored in *On Dancing Isadora's Dance*, a half-hour performance documentary by Annabelle Gamson, premiering at 10:30 p.m. Wednesday, Aug. 29.

In the program, Ms. Gamson recreates many of the legendary Isadora Duncan's solo dances to capture the spirit of the famous modern dancer and choreographer.

HUB exhibit

"Spectacular Vernacular: Traditional Desert Architecture from West Africa and Southwest Asia" will be on display from Aug. 25 to Sept. 23 in the Formal Gallery of the Hetzel Union Building at University Park.

Through the unique eye of photographer Carollee Pelos and the knowing mind of architectural historian Jean-Louis Bourgeois, the deserts of West Africa and southwest Asia come alive in the exhibit, which is on loan to the University from the Smithsonian Institution Traveling Exhibition.



Robert Howard

"Spectacular Vernacular" offers extraordinary views of a vanishing form of traditional desert architecture that is almost unknown in the West.

French music

Trombonist Mark Lusk and pianist Marylene Dosse will present a recital of French music at 8 p.m. Sunday, Aug. 26, in the Recital Hall of the Music Building at University Park.

The program will feature music written for the trombone and euphonium by composers associated with the Paris Conservatory of Music.

Mr. Lusk has been a member of the School of Music faculty since 1986. He and his students have performed throughout Pennsylvania and nationally.

Ms. Dosse, professor of piano in the School of Music, is a graduate of the Paris Conservatory of Music.

Trumpet recital

Robert Howard, a faculty member in the School of Music, will present a trumpet recital at 8 p.m. Monday, Aug. 27, in the Recital Hall in the Music Building at University Park.

Pianist Carl Blake, a faculty member in the School of Music and assistant dean for recruitment and retention in the College of Arts and Architecture, will assist Mr. Howard.

The program will include selections by Kent Kennan, Frederic Chopin, Norman Dello Joio and Georg Philipp Telemann.

Romantic Era music

Smith Toulson, clarinetist and member of the faculty in the School of Music, will present a recital of music from the Romantic Era at 8 p.m. Wednesday, Aug. 29, in the Recital Hall of the Music Building at University Park.

He will be joined by pianists Jill Olson, Timothy Shafer, and Steven Smith. The program will feature three works from the 19th and early 20th century that are among the masterpieces for clarinet and piano.

Mr. Toulson, associate professor in the School of Music, also conducts the Penn State Symphonic Wind Ensemble and is principal clarinet with the Penn's Woods Music Festival.

Hands-on exhibition

"The Machines of Leonardo da Vinci," an exhibition featuring 27 table-top scale replicas of inventions inspired by the notebooks of the 15th-century Renaissance master Leonardo da Vinci, is open at the Palmer Museum of Art at University Park.

The exhibition, originally organized more than 30 years ago by IBM Corp., will remain on display through Nov. 4. The local office of IBM was integral in bringing the exhibition to the Centre Region.

Although Leonardo (1452-1519) is best remembered as an artist and sculptor, his genius has greatly contributed to many other domains, including anatomy,



Desert architecture is on display in the Hetzel Union Building's Formal Gallery beginning Aug. 25.

architecture, and military engineering. His notebooks, written in mirror image, were crammed with sketches of machines, weapons, and other inventions—many of which were never realized until several centuries later when advances in technology facilitated their development.

According to Charles R. Garoian, assistant director of the Palmer Museum, visitors are invited to actually operate the models. In coordination with the exhibition, he has organized films, a lecture series, symposium, and workshop.

This fall, the museum's ongoing "Careers in the Arts" series will focus on Penn State faculty and staff who have merged their computer talents with the disciplines of art and music.

"Today's Leonardos," a free day-long symposium scheduled for Saturday, Sept. 15, will feature keynote speakers from around the country whose work exemplifies Leonardo's ingenuity of bridging the arts, sciences and technology.

"Tomorrow's Leonardos" an all-day workshop scheduled for Saturday, Oct. 20, will bring together high school science and art students from the Centre Region to create their own inventions under the guidance of their teachers.

Mozart Festival

This season, in honor of Wolfgang Amadeus Mozart who died 200 years ago,

orchestras all over the world will be playing his work. Penn State joins this worldwide festival with four concerts this season to highlight his music exclusively.

All the concerts will be held at 8 p.m. in Schwab Auditorium at University Park Campus. In addition, each will feature a pre-concert talk by the performers on the composer and his work.

On Sept. 21, the Jupiter Symphony, an ensemble named for Mozart's famous symphony, will present a program under the direction of its founder and conductor Jens Nygaard. They will play the favorite "Eine Kleine Nachtmusik," along with other selections. The Jupiter Symphony, which had its debut in 1979 at a sold-out concert at Carnegie Hall in New York, is known for its fresh style and innovative programs.

On Oct. 27, the Emerson String Quartet will play four selections including Mozart's "Dissonant" Quartet in C Major and his "Clarinet Quintet in A Major" with guest soloist David Shifrin. Based in New York City, the quartet has a residency with the Chamber Music Society of Lincoln Center (the first and only ever to be so honored) and the Smithsonian Institution.

On Jan. 26, the Mozartean Players Classical Orchestra will play Mozart on all "original" instruments of his day. Led by Steven Lubin on fortepiano, with Myron Lutkze on classical cello and Stanley Ritchie on classical violin, they will play, in

Please see "Arts" on page 5.

The arts at...

Altoona Campus

A collective exhibit of the Susquehanna River Art Center of DuBois is on display in the McLanahan and Sheltz Galleries at the Penn State Altoona Campus through Saturday, Sept. 8.

The Susquehanna River Art Center is an organization of dedicated amateur and professional artists, and those interested in the visual arts. The group has a permanent gallery and workshop in the Clearfield Arts

Studio Theatre. They sponsor 10 or more individual and group exhibits and a number of workshops each year, all open to the public.

The works on display include a silkscreen by Ginny Davis Baggett, watercolors by Bill Riley and Joanne Dixon, and oils and acrylics by other artists including pieces by Sally Wilson and Willard Dominick. Other mediums also will be on display during the public exhibit in the Campus's galleries.

University Park Calendar

August 23 --
September 2

Special Events

Friday, August 24

Geog. Coffee Hour, 3:30 p.m., 319 Walker
Charles Hosler on "The Academic Simplifiers
in a World of Complexity."

Sunday, August 26

School of Music, 8 p.m., Recital Hall Mark L.
Lusk, trombone, and Marylene Deise, piano.

Monday, August 27

School of Music, 8 p.m., Recital Hall, Robert
Howard, trumpet.

German Dept., film series, 8 p.m., 110 Wartik
Die Hitlerjunge (1921) and *Mädchen Dabury*
(1919).

Tuesday, August 28

Brown bag lunch, 11:45 a.m., Frizzell Room.
Eisenhower Chapel, Dr. Grace Hampton on "A
Woman's Perspective on Leadership."

Wednesday, August 29

School of Music, 8 p.m., Recital Hall, Smith
Toushon, clarinet.

Friday, August 31

Geog. Coffee Hour, 3:30 p.m., 319 Walker, Paul
Simkins on "Hunting Wildflowers with Gun
and Camera."



"The Machines of Leonardo da Vinci," an exhibit featuring 27 table-top scale replicas of inventions inspired by the notebooks of Leonardo da Vinci, is open at the Palmer Museum of Art through Nov. 4.

Public Radio

WPSU-FM 91.1

All Things Considered," Monday-Friday, 5-6:30
p.m.; Saturday and Sunday, 5-6 p.m.; Morning
Edition, Monday-Friday, 6-8 a.m.; Weekend
Edition, Saturday and Sunday, 11 a.m.-1 p.m.
Odyssey Through Literature," 12:30 p.m.
Wednesdays, with S. Leonard Rubinstein.
Perspectives," 6:30 p.m. Wednesdays. Creative

Licence, 12:30 p.m. Thursdays, with Asa Berlin
and Pam Saulnier.

Exhibits

HUB Galleries

Browsing Gallery:
Alan Klein, photographs, Aug. 25-Sept. 23.
Art Alley Panels:
Rina Banerjee, oil paintings, Aug. 25-Sept. 23.

Art Alley Cases:

SCASD adult pottery class exhibit, Aug. 25-Sept.
23.

Formal Gallery:

Spectacular Vernacular: Traditional Desert
Architecture from West Africa and Southwest
Asia, through Sept. 23.

Palmer Museum of Art

Selections from the Permanent Collection
through Oct. 7.

The Presence of Absence: New Installations
Aug. 28-Oct. 14.

The Machines of Leonardo da Vinci, through
Nov. 4.

Pattee Library

West Lobby Gallery:
Permanent collection from the Arts Library
through Sept. 7.

Zoller Gallery

Slaughterhouse/Greenberg Installations, Aug. 27
Sept. 30.

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of
the message you wish to hear. Messages are
listed in the front of the telephone directories.
Other messages are listed in the front of the
telephone directories. Other messages are
Weather-234, Arts Line-345, University
Calendar-456.

Reflects an international perspective

Bookshelf

Gary S. Cross, professor of European
history, is the editor of *Worktowners at
Blackpool: Mass-Observation and Popular Leisure
in the 1930s* (Routledge, London), an
account of labor and leisure in British
society prior to World War II, which
focused on the annual pilgrimage to
Blackpool, a seaside resort.

The laborers', or "worktowners'," annual
vacation trek to Blackpool was at the
center of a cycle of renewal and release for
the working-class. Mass-Observation, a
young group of participant-observers led by
Tom Harrison, recorded what it saw,
hoping to explain the attraction of workers
to this crowded, gaudy temple of Victorian
culture.

The book, with essays by Dr. Cross and
Blackpool historian John K. Walton, which
provide perspectives on the study and
analyzing the history of Mass-Observation
and its portrayal of Blackpool, is based on
Mass-Observation's 1937 attempt to record
the everyday life of ordinary people for a
popular audience. The Second World War
made publication of its results impossible,
and Dr. Cross has synthesized and placed
these observations in a fascinating context.

James Levin, academic adviser and affiliate
assistant professor of education, and James
F. Nolan, associate professor of education,

are authors of *Principles of Classroom
Management: A Hierarchical Approach*,
published by Prentice-Hall Inc.

The book is a practical guide for
preservice and inservice teachers and is
intended to aid development of plans for
effective management using a hierarchical
approach. The book includes 41 case
studies drawn from classroom experience,
37 principles of classroom management and
more than 100 problem-solving exercises.

Arthur O. Lewis, associate dean emeritus
and professor emeritus of English; W.
LaMar Kopp, deputy vice president for
international programs; and Edward J.
Danis, adviser, Division of Undergraduate
Studies, are the editors of *Anglo-German and
American-German Crosscurrents*, volume four.

Published by University Press of America
Inc., the volume is part of a continuing
series emerging from the Penn State Project
on Anglo-German and American-German
Literary and Cultural Relations.

Articles focus on the theme of the
project and reflect the wealth of scholarly
resources found in the Allison-Shelley
Collection in the Rare Books Room of
Pattee Library.

Contributors include Philip Allison
Shelley, Walter J. Morris, Kenneth B.
Hunsaker, Maureen C. Devine, Heimy
Taylor, William Stupp, Andrew Kovalev
and Mr. Danis.

Sherry L. Willis, professor of human
development, and Samuel S. Dubin,
professor emeritus of psychology, are co-
editors of *Maintaining Professional Competence:
Approaches to Career Enhancement, Vitality, and
Success Throughout a Work Life*.

The book brings together 21 experts
from such fields as management,
organizational psychology, education
(faculty development), medicine,
engineering, industrial and labor relations.

Contributors examine ways in which
motivation, work environment, job design,
work assignments, supervisory-subordinate
relationships, organizational climate,
management policy, and a professional's
personal characteristics can help or hinder
his or her efforts to remain competent and
productive.

The rise of foreign competition, the rapid
rate of technological change and
innovation, along with the fast pace of
knowledge growth, has increased the
importance of professionals' competence.
Organizations are demanding competent
professionals who can deal with today's
complex issues. Universities are insisting on
up-to-date and competent faculty.

To remain competent, many mid-career
and older professionals now need to spend
more time keeping up-to-date with
developments in their field.

The authors show how creative,
challenging work assignments, good
communication, and supportive and flexible

management policies and practices can
motivate professionals to take their own
steps to stay informed about changes in
their fields and in related professions.
The book, published by Jossey-Bass
Publishers, provides concrete examples of
how to train professionals deficient in skills
through such methods as modeling, role
playing, and performance feedback. And it
details how, by using computerized
information systems, professionals can
direct their own learning and skills
maintenance.

Three other Penn State faculty and staff
contributed to the book: James L. Farr,
professor of psychology; Donna S.
Queeney, director of planning studies; and
Wayne D. Smutz, associate director of
planning studies.

Arts

Continued from page 4

addition to other selections, Mozart's Little
G-minor Symphony 25 and two fortepiano
concerti.

On Feb. 16, Mozart's piano sonatas will
be featured when Malcolm Bilson plays.
Performing on an American reproduction of
a so-called Mozart piano or fortepiano,
Mr. Bilson, a scholar as well as a musician,
has earned a reputation for his classical
interpretations.

Faculty members honored with awards, fellowships

Fred Brand Jr. awards

Two faculty members and a doctoral candidate in the College of Business Administration have received Fred Brand Jr. awards for their service to students. They are:

Dennis A. Gioia, associate professor of organizational behavior, Fred Brand Jr. Outstanding Teacher Award; **George B. Kleindorfer**, professor of quantitative business analysis, Fred Brand Jr. Outstanding Advisor Award; and **Timothy J. Rupert**, a Ph.D. candidate in accounting, Fred Brand Jr. Outstanding Student Teacher Award.

The Brand awards were established in 1979 through the support of Fred Brand Jr. of Pittsburgh, who received a bachelor's degree in commerce and finance from Penn State in 1932 and subsequently embarked on a successful career in insurance.

Dr. Gioia was cited not only for his abilities in the classroom, but also for articles and presentations he has made on instructional philosophy and methods. A member of the College of Business Administration faculty for 10 years, he holds bachelor's, master's and doctoral degrees from Florida State University. Before joining the University, he worked for Boeing Aerospace and the Ford Motor Co.

Dr. Kleindorfer was recognized for the exceptional measure of support he has provided Penn State students through his concerned advice and counsel.

A member of the Penn State faculty for 20 years, he holds a bachelor's degree from Notre Dame, a juris doctor degree from Georgetown University, a master's degree from Howard University and a doctoral degree from Carnegie Mellon.

Mr. Rupert was recognized for his ability to provide quality instruction while pursuing his own research and educational career.

Undertaking studies that combine work in taxation and cognitive psychology, Mr. Rupert's dissertation will explore "Deductive Reasoning in the Tax Domain." He holds both bachelor's and master's degrees from the University of Akron and has been the recipient of a Dean's Doctoral Fellowship and a Coopers and Lybrand Doctoral Fellowship.

Sloan fellowship

Ranee K. Brylinski, associate professor of mathematics in the Eberly College of Science, is among 90 outstanding young scientists to receive Sloan Research Fellowships from the Alfred P. Sloan Foundation.

According to the foundation, this year's fellows, chosen from more than 500 scientists in the early stages of their careers, were selected on the basis of their exceptional promise to contribute to the advancement of knowledge.

A specialist in invariant theory and geometry of group actions, Dr. Brylinski earned her bachelor's degree, with honors, from Princeton University in 1977. In 1981, she earned her doctoral degree from Massachusetts Institute of Technology and



Susan Irwin (left) and Joye Keenan are the recipients of the Vice President's Award for Exceptional Academic Services given annually by Robert E. Dunham (center), vice president and vice provost. The award is given each year to a clerical and staff employee in the Division of Academic Services. Ms. Irwin is a secretary in the Air Force ROTC office, and Ms. Keenan is director of operations and quality assurance in the Office of Student Aid. (Photo: Richard Ackley)

later that year was awarded a National Science Foundation Mathematical Sciences Postdoctoral Research Fellowship.

Before joining the Penn State faculty in 1988, Dr. Brylinski was an assistant professor at Brown University for six years.

Foundation fellowship

John A. Johnson, associate professor of psychology at the Penn State DuBois Campus, has been granted an 11-month fellowship by the Alexander von Humboldt Foundation, Bonn, Germany.

Under the Humboldt Foundation program, highly qualified scholars are given the opportunity to conduct research projects of their own choosing. The foundation offers approximately 450 to 500 fellowships each year on a worldwide competitive basis.

Dr. Johnson's proposed project involved personality assessment. Specifically, he will extend his ongoing research on factors that affect the validity of "self-report personality inventories to a German population." Among other objectives, the study will determine the degree to which values obtained in the United States correspond to the values obtained in Germany.

His research will be conducted at the University of Bielefeld in Germany.

Postdoctoral fellow

Christine Clark-Evans, assistant professor of French, has been named a 1990-91 Ford Foundation Postdoctoral Fellow. She will be hosted by the Centre National de Recherche Scientifique, Université de Montpellier, in France, to conduct research and writing on Diderot for one year starting fall 1990.

Penn State has received three doctoral fellowships, but this is the first postdoctoral award at the University.

A specialist in 16th- and 18th-century French literature, graduate examinations coordinator, and serving in other capacities in the Department of French, Dr. Clark-Evans will be working in rare book and archival collections of materials related to Diderot's theories on the psycho-physiology of speech and language.

The Program of Postdoctoral Fellowships for Minorities identifies individuals of high ability who are members of minority groups that have been traditionally underrepresented among the nation's behavior and social scientists, humanists, engineers, mathematicians, physical scientists, and life scientists, and enables them to engage in postdoctoral research and scholarship in an atmosphere free from their normal professional duties.

Approximately 25 fellowships were awarded in 1989 in a national competition conducted and administered by the National Research Council on behalf of the Ford Foundation.

NEH stipend

Michael W. Wolfe, assistant professor of history at the Penn State Altoona Campus, received a National Endowment for the Humanities Summer Stipend for his research in France this summer.

Dr. Wolfe, whose field of study is the history of France in the 16th and 17th centuries, is beginning a new research project on the effects of warfare, particularly siege warfare, on urban communities in early modern France. He plans to survey archives and identify other sources of historical information in four cities in France during June and July.

"With the invention of gunpowder and the rise of standing armies, a 'Military Revolution' took place in Europe between the Middle Ages and our modern times," Dr. Wolfe said. "Up to now, research on

this period has focused on the changing tactics and technology of war. I want to take a broader look at the new warfare, to determine the political, social, and cultural consequences of this revolution."

Mallinckrodt Scholar

David A. Wiegand, assistant professor of surgery at the Hershey Medical Center, has been named the 13th Mallinckrodt Scholar. The Mallinckrodt Scholar is a special medical school program established by the Trustees of the Edward Mallinckrodt Jr. Foundation to support junior faculty with medical research projects.

The foundation will be supporting Dr. Wiegand's obstructive sleep apnea research. "In this syndrome, breathing during sleep is interrupted, causing severe health consequences. It is believed this may be related to similar diseases, such as sudden infant death syndrome," Dr. Wiegand said.

His research examines the basic mechanisms by which the disease occurs, as well as emphasizing new diagnostic and treatment methods.

"This is a singular honor, and Dr. Wiegand has brought distinction not only to himself, but to the institution," C. McCollister Everts, senior vice president for health and human affairs and dean at Hershey Medical Center, said.

The funding of the grant begins Oct. 1, 1990, and follows for two subsequent years. The stipend will consist of \$50,000 for the first year, \$55,000 for the second year, and \$60,000 for the third year, including fringe benefits.

Engineering awards

Three College of Engineering faculty members have received the top teaching and research awards sponsored by the Penn State Engineering Society (SES).

A husband and wife research team received the Engineering Premier Research Award.

Vasundara V. Varadan, distinguished alumni professor of engineering science, and **Vijay K. Varadan**, distinguished alumni professor of engineering science and mechanics and electrical engineering, are internationally recognized pioneers in the area of engineered materials.

The Varadans are well known for their work in the modeling, construction and characterization of Chiral materials -- or materials which cause a traversing wave to rotate.

Harvey B. Manbeck, professor of agricultural engineering, received the 1990 Engineering Premier Teaching Award.

The recipient of consistently high student evaluations, Dr. Manbeck also guides one or more independent study courses each year, serves as an honors thesis adviser and has advised 12 graduate students since 1980.

In addition to classroom activities, he has developed numerous teaching materials and developed four major pieces of laboratory teaching equipment. He has co-authored a textbook and has developed two new courses and completed major revisions of two others.



Focus on Diversity

Dr. Stewart anticipates challenges, opportunities

Vice provost looks forward to new role

Jim Stewart is looking forward to the upcoming academic year with a great deal of anticipation.

Dr. Stewart, associate professor of labor studies and industrial relations and former director of the Black Studies program, was appointed July 1 as vice provost responsible for underrepresented groups at the University—one of the few positions of its kind in the nation.

"I do anticipate a lot of challenges and opportunities in this new position," he said. "There is no question that it will present a lot of challenges. But it also provides the opportunity to help change the face of the institution in preparation for new complexities that universities will be facing in the next century."

Dr. Stewart sees his role in the new post as "a catalyst for operationalizing the University commitment to cultural diversity and addressing underrepresentation of various groups."

"In many ways," he said, "I'll be an advocate for consideration of these issues in every discussion with the University's various constituencies."

One of the major thrusts he anticipates is bringing together the planning of cultural diversity under the rubric of strategic planning.

"Up to now, planning and related efforts have been largely outside of the strategic planning process. Under the office of the vice provost, we plan to pull these together. This will enable us to develop a broader ownership across the institution rather than having these efforts being seen as the work of specific units."

Dr. Stewart said another important aspect of the new position will be an effort to help various constituencies work together in helping to ensure that all groups are appropriately considered in planning activities and the allocation of resources.

"As much as possible, we want to gather ideas from the constituencies the institution represents and build these into

programming efforts designed by the various administrative units."

Dr. Stewart, who had been granted a sabbatical leave from September to December before being tapped as vice provost, will continue with the leave as planned. He will be at Temple University, where he will research the papers of the Rev. Leon E. Sullivan, who developed the Sullivan Principles that promoted nonsegregation and equality of opportunity in the operation of American institutions maintaining property and doing business in South Africa.

During his leave, Vice President and Vice Provost **Robert E. Dunham** will continue to represent the Office of the President on matters dealing with diversity. **Terrell Jones** also will continue in his role as special assistant to the provost during the Fall Semester.

In appointing Dr. Stewart to the new position, President Jordan cited his exceptional relationship with students, noting that, during the times of demonstrations by African-American/Black American students, Dr. Stewart played a pivotal role in fostering increased understanding between students and the University.

"I see myself as continuing to be very involved with student groups," Dr. Stewart noted. "In the area of supporting students, I would like to create an advisory group made up of leaders of student groups in an effort to maintain dialogue and to identify and correct problems as they arise."

He also plans to work closely with a number of offices, including the Affirmative Action Office, various areas of Student Services, the Commission for Women, the Commission on Racial and Ethnic Diversity, minority coordinators in the academic colleges, and appropriate personnel at locations other than University Park.

"I hope that this kind of involvement will enable us to better coordinate efforts of various groups and explore collaborative avenues to problem solving," he said.

The Equal Opportunity Planning Committee, of which Dr. Stewart has been a member since its inception in 1983 and chair for two years, will now report to him. Dr. Jones will serve as EOPC chair for the new academic year. Dr. Stewart will continue as a member of the Campus Environment Team, which he said has been important in monitoring the local climate as it relates to tolerance for different groups.

In assuming his new position, Dr. Stewart, who headed the Black Studies program since he came to the University in 1980, will give up that directorship.

"I leave that program with great reluctance," he said. "But, in my new position, I hope to be able to promote development of the program in its transition to a department as well as encourage academic programs that focus on the other groups as well." —William E. Campbell Jr.



Jim Stewart

In this section

- Understanding other cultures
- Affirmative Action director
- For students of all backgrounds

Understanding other cultures: an int

Understanding and appreciating other cultures is an integral part of the educational process for students. **W. LaMarr Kopp**, deputy vice president for international programs, said.

"We have an obligation to make students aware of our shrinking globe. Today, what happens in far away cities such as Berlin, Moscow and Tokyo affects us all. Our ability to accept and celebrate the diversity in our own American landscape will help us to appreciate other cultures."

At Penn State, the University Office of International Programs deals with issues of diversity through its three program areas: Office of International Students, Office of Education Abroad Programs and Office of International Cooperative Programs.

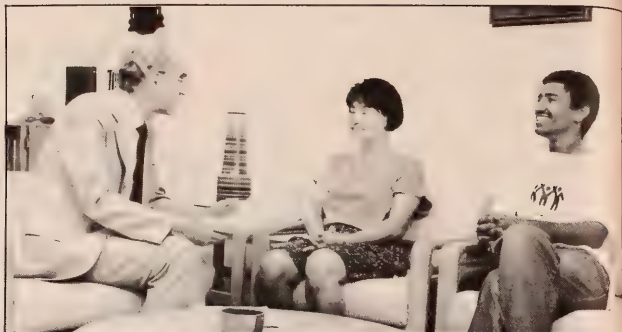
International student enrollment at the University consistently outpaces the national average, he said. As of last fall, approximately 2,200 international students from some 114 countries were enrolled at Penn State. Nationally, about 370,000 international students study at U.S. institutions.

He attributes Penn State's growing enrollment to three factors. First, the University has an active alumni network, which serves in an informal recruiting role. When international students receive degrees and return to their countries, family members and colleagues often apply to the University, and the graduates' employers often sponsor students.

Second, the University has become better known through its international programs, achieving a higher profile overseas in the last decade.

And third, and perhaps most importantly, the University excels in the academic areas most sought after by students from the developing world (technology, engineering, business, earth sciences and agriculture).

At the University, the top five colleges with international graduate student enrollments are Engineering,



W. LaMarr Kopp (left) talks with international students **Kinyang Wangmo of Bhutan (center)** and **Omer Hashim Ismail of Sudan**.

Science, Earth and Mineral Sciences, Liberal Arts and Business Administration.

"There is a match between our academic strengths and international students' interests," Dr. Kopp said.

A majority of international students, 66 percent, come from Asian countries, including Taiwan, China (PRC), India, Korea and Japan. The next largest group of students, 11 percent, comes from European countries, including the United Kingdom, West Germany, Greece, France and Spain.

The newest group of international students interested in studying in the United States is from the emerging

democracies of Eastern Europe, but Dr. Kopp does not expect many of them to arrive in the near future.

"Students in Eastern and Central Europe do not have the funds to study in the United States, nor are they prepared linguistically," he added. "Interest in studying in the United States is enormous, but funds to support such study are limited at Penn State and at other institutions."

For international students already at the University, advice and guidance is available from the Office of International Students, directed by **James F. Lynch Jr.**

He explained that the office has been reorganized to better serve the international student population. One

Affirmative Action director seeks solid working re

The University of Wisconsin at Madison sits 800 miles away from Pennsylvania and Penn State, but to **Bonnie P. Ortiz**, the two universities share many traits. And, the similarities run deeper than just being part of the Big 10.

First, the universities are both major research institutions and land-grant institutions," notes Ms. Ortiz, who will start on Sept. 1 as the new director of Penn State's Affirmative Action Office.

Many of the issues affecting diversity and gender are

the same -- women and minority faculty and staff recruitment and retention, student recruitment and retention, climate, etc.

Many students and employees who come to Penn State or Wisconsin have grown up in small towns, but those communities are no longer where the majority will live or work. Today, most people will work with or manage people of different cultural experiences.

As the new director, Ms. Ortiz will oversee the administration and effectiveness of the University's equal employment and affirmative action program for all faculty and staff members at all campus locations.

Those activities include implementing the University's Affirmative Action Compliance Plan, monitoring reporting systems to outside agencies and investigating allegations of discrimination in violation of University policies and regulations. The Affirmative Action Office reports directly to the Office of the President through the vice president and vice provost.

"My goal is to reinforce a global view of the Affirmative Action Office and the services offered by its staff," she says. "We want to develop solid working relationships with all units of the University and assist them in planning for the future. But we definitely will continue to be a place where everyone in the University community -- faculty, staff and students -- can bring their questions and concerns privately and confidentially."

"The Affirmative Action Office is much more than an investigation office. A high percentage of visitors and callers don't want someone fired immediately, but they want to stop feeling frustrated or angry. Talking with an impartial observer may help them discover solutions and

alternatives."

At the University of Wisconsin, Ms. Ortiz has served in a variety of positions with the most recent being the administrative officer for the Division of Intercollegiate Athletics since 1989. Other positions include acting director of Office of Affirmative Action and Compliance from 1987 to 1989 and institutional planner in the Office of Budget, Planning and Analysis.

At Wisconsin, she participated in a study of retention of women faculty. "We knew that women faculty were leaving at twice the rate of men," she recalls. "Although the study did not find all the answers, it concluded that generally, many of the women faculty believed there was less support by their departments, less inclusion in the informational channels and a perception of unfairness in the teaching loads and other responsibilities."

"We also discovered that there is no single climate for all women employees at the university but considerable variation between departments. A key issue in retention as well as recruitment is to achieve 'critical mass,' although that definition remains fuzzy. Generally, it means employing more than one woman in a department, beyond tokenism, so that the women employees do not stand out and are made to feel different from the rest of the staff."

These conclusions also apply to the retention and recruitment of minorities, according to Ms. Ortiz. "Affirmative action encompasses a wide range of issues, including age discrimination, sexual orientation, religious differences and disabilities," she adds.

"For diversity to become a reality, it has to embrace all the issues, and the entire University community has to take ownership of those issues. Everyone has to share the



Bonnie P. Ortiz

Integral part of the educational process

foreign student adviser is assigned to handle student concerns for all international students enrolled in the same college.

An additional new emphasis is placed on enhancement of cultural diversity at the University. In this effort, his staff members are preparing themselves as trainers for the University community, and they are working more closely with other University offices involved with cultural diversity issues.

"We also act as advocates for concerns unique to international students and maintain contact with other University offices and community agencies to accommodate all concerned in the most advantageous ways," Mr. Lynch said.

He encourages academic departments to call the Office of International Students with their questions (865-6348). Some concerns for international students in the coming year will be the institution of mandatory health insurance, new academic progress standards and new policies for the employment of foreign nationals.

While Eastern European students are clamoring to study at Penn State, approximately 500 University students travel abroad annually to study in other countries.

"Education Abroad Programs offer students an opportunity to gain an international perspective," Dr. Kopp said. "It will never be easier or less expensive than it is now."

Michael Laubscher, who directs the Office of Education Abroad Programs, said, "Study abroad offers the opportunity for students to be immersed directly in a foreign culture, thereby promoting further understanding of other cultures.

"The experiential complement to the academic program helps students to develop a greater sensitivity to cultural diversity. At the same time, study abroad gives students an appreciation for what it means to be in a minority role -- as an American in a foreign country," Mr. Laubscher said.

The Office of Education Abroad Programs offers 27 one-semester or full-year programs and eight to 10 short-term, summer programs, as well as a dozen other programs which are available through consortia.

The newest initiatives under way involve the development of new programs that respond to emerging interests in the academic community and the expansion of programs to meet a University and national goal of enrolling 10 percent of all baccalaureate students in study abroad, Mr. Laubscher said.

Dr. Kopp said he is encouraged by the growing interest in study abroad programs in the colleges of Engineering, Business Administration and Science. The Smeal College of Business Administration, for instance, has instituted an international business major that requires a semester of study abroad.

In the area of international cooperative programs, Tannaz Rahman, associate director, oversees the University's linkages with other universities. There are 50 such collaborative relationships with institutions of higher education in countries around the world that involve student and faculty exchanges, joint research projects and sharing of information, she said. Additional partnerships are planned in response to new and increasing faculty interest.

To aid her in networking with faculty and staff members with international experience and/or interest, she uses the Inventory of International Resources Index of Personnel compiled by the Office of International Programs. She regularly disseminates information on international education to the University community to develop a general awareness for the significance of international education.

Mrs. Rahman also is involved in activities to internationalize the University, such as supporting efforts to integrate cultural diversity into the curriculum to add a global perspective. In addition, she sees the potential for an international studies degree program at the University. An

advisory committee is being formed now to explore the possibilities.

She also works closely with Central Pennsylvania school districts to help internationalize the teachers' perspective through the Central Pennsylvania Collaborative for International Education.

-- Deborah A. Benedetti

Letter to the editor:

Between 400 and 500 foreign students have arrived at Penn State during the past few days -- bringing the total to approximately 2,200 international students associated with the University.

Penn State and State College may be fairly unique in the nation which have such a wide-ranging opportunity for two-way exchange with people from around the world.

Although they come here to learn, for those residents with the interest, these same students can teach us a great deal about their country and their culture. I encourage everyone in the community to reach out and help make the first impression these young people have of the United States an impression of a kind and caring nation.

Traveling thousands of miles to live and learn for a few months or for several years can be filled with great anxiety. That is something all of us can relate to, and it is also something all of us can help to alleviate.

Please join me in welcoming our many new neighbors to a neighborhood we think represents the best of the United States -- Centre County.

Sincerely,

W. LaMarr Kopp

Relationships

possibility for creating a comfortable environment. And, "It happens in creative and exciting ways."

Key goals at Penn State include better communicating the visibility of the Affirmative Action Office to the University community, enhancing working

relationships with the various units, and maximizing the technology to allow the staff to focus more on internal contacts.

The goal of implementing an Affirmative Action plan is directly to respond to numbers and outside mandates.

Dr. Fong says, "But it is to help the University plan wisely for the future and seek the best ways of achieving an equitable and productive climate for all faculty, staff and students."

-- Vicki Fong

Focus on Diversity

"Focus on Diversity" is published by the Office of Public Information 312 Main, phone 865-7517.

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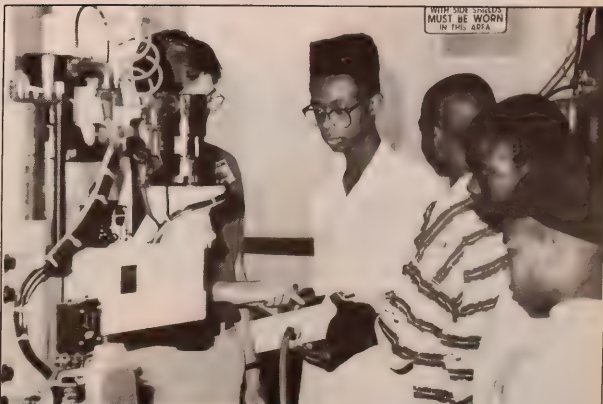
Managing Editor: William E. Campbell Jr.

Deborah A. Benedetti

Don Singleton

John Fong

Photographer: Greg Grieco



'See the Future'

Participants in "See the Future," a program designed to give talented junior high school minority students active experience in science and technology, visit the Computer-Integrated Manufacturing Laboratory at University Park. It is one of a number of programs for minority students conducted during the summer by the University.

For students of all backgrounds

Wray's agenda: academic success

Equipped with a special understanding of multiculturalism in higher education, **Howard E. Wray III**, assistant dean for undergraduate education, has an agenda that highlights academic success for students of all backgrounds.

Mr. Wray has a keen view of the social, academic and cultural disadvantages that some minority students face at predominantly White universities. His experience spans being a Pennsylvania Department of Education Bureau of Equal Opportunity Programs representative, Indiana University of Pennsylvania Black Student Cultural Center director and assistant dean/director of minority student programs at Emory University in Atlanta.

"Since my first day on the job in the state Department of Education's Bureau of Equal Opportunity programs back in 1974, I knew I always wanted to be an advocate for the disadvantaged, whether minority, non-minority or disabled. And coming to Penn State's Academic Assistance Program was one way of tying together all of my interests," he said. In just nine months at Penn State, he already has navigated the University's Academic Assistance Program through a course of changes and expansions necessary to meet the challenges that brought him here - creating programs to foster the academic success of students of disadvantaged backgrounds, veterans and disabled students as well as students of color.

Academic Assistance Program changes have included: Renaming the Counseling and Academic Skills Development Unit to the Multicultural Resource Center, which better reflects the population of students who are served by the unit; creating the Summer Institute for Academic Achievement, a program for eligible freshmen to increase their reading, math, English and writing skills; starting a peer counseling program; adding a part-time

counselor in the office of disability services and assisting in search for grants for student retention.

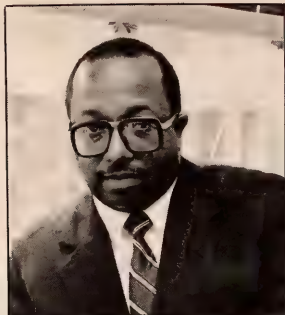
In addition he has mapped out future changes for the 1990-91 academic year that include organizing minority study groups; increasing the number of EOP/Developmental Year programs at University Park; and garnering more outside grants to increase the quality of undergraduate education outreach activities for underrepresented students and students who need academic assistance.

The Academic Assistance Program at Penn State has seven units organized to provide special services and programs to facilitate the undergraduate academic achievement of disadvantaged, minority, veteran, disabled and basic skills students. It is based in Boucke Building and has 14 full-time counselors, eight program coordinators and a support staff of 12. Up to 12 instructors are available to assist with the program throughout an academic year.

Mr. Wray brings to his position a thorough understanding of higher education in Pennsylvania and vast experience in multiculturalism. While with the state Department of Education, he oversaw the development of equal educational opportunity programs at 32 institutions. He also served for a short duration as associate director of equal opportunity programs for the Florida State University Board of Regents.

A native of New Kensington, Pa., he received his bachelor's degree in business education/accounting and master's degree in counseling from Indiana University of Pennsylvania. He also has a J.D. degree from Georgetown University Law Center.

"I took off from my career in higher education from 1980 to 1983 to get my J.D. degree because after working



Howard E. Wray III

with equal opportunity laws, I thought I'd be a legal advocate for the disadvantaged," he said. "But after getting the degree, practicing law solely, never entered my mind. I went right back into higher education."

Humble, Mr. Wray is never reluctant to say how well he enjoys the responsibility of having the final word over all of the Academic Assistance Program's numerous activities. He says the number of programs, competent staff and diverse student population at Penn State makes the job very enjoyable.

"This is a great way to expand your managerial skills and improve retention programs for those who need it most. What more could a person want?" — **Aaron Singleton**

Bilingual teacher education program successful

A unique Penn State program targeted at helping limited-English speaking students and parents and school districts has been quite successful, according to the director.

Lourdes Diaz Soto, director of Penn State's Comprehensive Bilingual/Early Childhood Teacher Education program, said a total of 30 teachers will have

graduated since the initiation of the federally funded three-year program in 1987.

"That rate exceeds all of our expectations," says Dr. Soto, also an assistant professor of education. The project stresses academic achievement and maintenance of respective ethnic and linguistic heritage.

One of the first and few programs of its type in the nation, the master's degree program was developed for teachers interested in teaching limited English-speaking pre-school children and their parents.

The collaborative project was developed by the College of Education through the support of a \$750,000 grant from the U.S. Department of Education's Office of Bilingual Education and Minority Language Affairs.

"Its uniqueness involved teaching the teachers to work with parents as well as children, which attracted participants from as far away as Canada and Texas to our program," the University researcher said.

"The teachers learn how to work with parents and how to help families to take pride in their own culture."

"Already several of our graduates are working in classrooms within Pennsylvania, have gone on to school district administration positions, are pursuing doctorate degrees or are supervising other teachers."

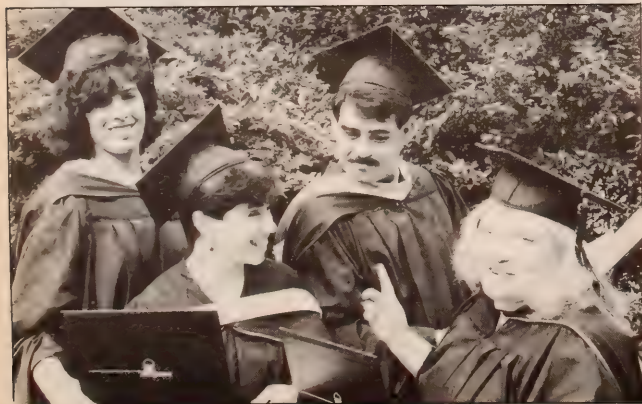
Research in 1980 showed that about 2.4 million limited-English proficient students between ages 5 and 14 were enrolled in schools nationwide. It was projected that by the year 2000, that figure could increase by 40 percent with a slightly greater overall increase in the number of 5- to 9-year-olds. Further studies suggest that 95 percent of those children will be Spanish speakers.

"That means that the increasing demand for bilingual early childhood education teachers will be tremendous," Dr. Soto said.

In Pennsylvania, school districts surveyed have indicated that their greatest need is for certified early childhood bilingual school personnel.

The collaborative component of the program allowed the teacher trainees to participate in school districts throughout Pennsylvania, including the Lancaster, Bethlehem, Harrisburg and Reading school districts.

— **Aaron Singleton**



Program participants celebrating at summer commencement exercises are, from left, Lily Bell Fontanez, of Bethlehem; Eva Diaz and Jorge Freyres, both of Puerto Rico, and Jocelynn Smeaker, of DuBois.

News in Brief

Office address change

Effective immediately, the campus mailing address for the Art Education Program of the School of Visual Arts will be 201 Arts Cottage at University Park. The telephone number remains the same at 865-6570.

Women's suffrage

A celebration of the 70th anniversary of a woman's suffrage will be held at 8 p.m. Sunday, Aug. 26, at the HUB Fishbowl at University Park. A panel will be held with speakers Kathleen Barry, associate professor of human development, LaVerne Grant, acting director of Black Studies, and Grace Falla, doctoral candidate in speech communications.

The sponsor is the Center for Women Students. A reception will follow. The public is invited.

On Aug. 28, "Issues and Actions: Focusing on the Concerns of Women Students" will be held in the lounge of the Center for Women Students, 120 Boucke, at 4 p.m. The public is invited.

Professional women

Vice Provost Grace Hampton will discuss "A Woman's Perspective on Leadership" at the Aug. 28 meeting of Professional Women at Penn State.

The brown-bag lunch meeting will begin at 11:45 a.m. in the Frizzell Room of Eisenhower Chapel at University Park with an opportunity for informal networking. Dr. Hampton will speak at 12:10 p.m.

Professional Women at Penn State is a grass-roots group coordinated by University women in which participants can develop and maintain a

communications network and serve as a resource for other Penn State women. The group welcomes attendance from all classifications at the University.

Fitness classes

Registration for Recreational Sports Faculty/Staff Fitness Classes is being held through Aug. 29. Activities offered this semester include aerobics, toning, aquazone, 60+ shape-up, Fitness Over 40, and a new walking program.

To receive a flyer about any of the activities being offered, call Patti Kenney at 865-5401.

Planning Studies to move

The Division of Planning Studies, which includes the Office of Continuing Professional Education, will move from its current location in Grange Building the week of Sept. 4.

The Division's mailing address will change to The Division of Planning Studies, The Pennsylvania State University, 2766 W. College Ave., University Park, Pa. 16801-2605. Campus mail should be addressed to 101 Daniel Building. Telephone and FAX numbers will remain the same, 814-865-7679 (phone) and 814-865-3589 (FAX).

Dwellings sought for study

If your residence is infested with ants, you may be eligible for free assistance from the University. About 60 ant-infested dwellings in State College and surrounding areas are needed for a study of a new insect bait product that is non-toxic to people.

Robert Snelinger, professor of entomology, and Jim Elliott, of

undergraduate student, are evaluating the effectiveness of a new insect bait product. Data from the study will be used by the Environmental Protection Agency in a pesticide approval process.

Homeowners in the area who are interested in participating in the study should contact Dr. Snelinger or Mr. Elliott at (814) 865-1895 for more information.

Daycare facilities listing

The fall 1990 edition of the State College Area Daycare Facilities listing is now available.

Updated each semester, this publication includes information on 30 different facilities which provide childcare in the immediate vicinity of University Park Campus. Information includes hours of service, ages served, cost, enrollment size, and services provided.

The pamphlet, produced by the Graduate Student Association, is available free of charge from the GSA office in 111B Kern Building at University Park.

Education Abroad Programs

There are still a few openings available in the following spring 1991 Education Abroad Programs: Athens, Exeter, Kiel, Manchester (economics), Nice, Cologne, Rome, San German and Tel Aviv. Students can apply at the Office of Education Abroad Programs, 222 Boucke Building, until Oct. 1.

University joins institute

The University has accepted an invitation to become a Participating Institution in the Institute for

Mathematics and its Applications.

Membership is sponsored by the departments of Computer Science, Mathematics and Statistics, and the Office of the Dean of the Eberly College of Science.

Based at the University of Minnesota, the IMA fosters interaction among the mathematics community and mathematical scientists in engineering, computer science, statistics, and other science-based disciplines. According to the organization, "Participating institutions have become a coalition of universities working together to increase the mathematics and scientific interaction in the country."

NSF grant

The College of Education has received a \$490,000 grant from the National Science Foundation to support the Construction of Elementary Mathematics Project.

The purpose of this project is to improve the preparation of elementary teachers to teach mathematics and to study the development of preservice teachers as they expand their understanding of mathematics and of children's learning.

Martin Simon, assistant professor of education and director of the CEM project, said CEM researchers will develop, implement and study a model program to prepare elementary mathematics teachers according to a constructivist view of learning. This method encourages a more active role for the student, recognizing that individuals must create meaning out of their own experiences.

Promotions

Staff Exempt

Chester Defurio to manager, project planning and estimating in Office of Physical Plant.

John A. Joseph to senior landscape architect in Office of Physical Plant.

Cynthia Kunes to administrative assistant in Agriculture.

Lewis J. Loe to senior designer in Applied Research Lab.

Steven C. Mentzer to research program analyst at Hershey.

Mary B. Shoffner to center registrar at Great Valley Center.

Lisa S. Wandel to assistant director, food services in Housing and Food Services.

Staff Non-Exempt

Lori L. Boney to data retrieval specialist in Division of Development and University Relations.

Maria R. Davis to research aid in Agriculture.

Suzanne Hart to administrative aide in Agriculture.

Nancy J. Rishel to administrative aide in Earth and Mineral Sciences.

Clerical

Linda L. Cooke to secretary B at Hershey.

John Donahue to secretary B at Berks Campus.

Nancy J. Dull to secretary C in Business Administration.

Barbara L. Kaylor to senior patient care secretary at Hershey.

Patricia A. McClellan to clerk typist A at Behrend College.

Kathy Mulberger to secretary A in Research and Graduate School.

Ruth Nyman to secretary B in Agriculture.

Sandra K. Omdorf to clerk accounting in Agriculture.

Amy J. Pourman to secretary C in University Libraries.

Karen M. Rank to secretary B at Hershey.

Sandra Stauffer to secretary B in

University Libraries.

Kimberly A. Veruete to secretary B in Business Administration.

Heather G. Welch to conference clerk A in Agriculture.

Shelly Zeigler to secretary B in University Art Services.

Technical Service

Patrick Ebeling to sanitation maintenance worker in Housing and Food Services.

Ronald Gathagan to stockroom/equipment worker in Engineering.

Thomas Kase to maintenance worker, general B at Wilkes-Barre Campus.

Robert J. Kendra to maintenance worker, general A at Hazleton Campus.

Randall B. Moyer to building services attendant in Engineering.

Harry E. Peese to operating mechanic in Office of Physical Plant.

Thomas Youkoski to maintenance worker, general B at Wilkes-Barre Campus.

Foster J. Sayers Jr. to maintenance worker,

area landscape in Office of Physical Plant.

Arthur G. Stine to shipping and receiving attendant in Applied Research Lab.

Luella Strouse to salesroom clerk in Agriculture.

Richard F. Way to electrician A in Office of Physical Plant.

David R. Cori to experimental propeller fabricator A in Applied Research Lab.

Herbert E. Dietrich to technician, television and electronics in Office of Physical Plant.

Allen L. Lowery to helper, swine center in Agriculture.

Margaret M. Mason to utility worker at Hershey.

Matthew McDonald to dining hall worker A in Housing and Food Services.

Paul F. Scanlon to technician, television and electronics in Office of Physical Plant.

Rodney L. Smeal to technician, television and electronics in Office of Physical Plant.

James Waites to maintenance worker, utility at Ogonitz.

David C. Witherite to poultry worker, research in Agriculture.

Appointments



Ronald F. Dow



Salvatore M. Meringolo



Giorianna St. Clair



Carl Mitcham



Michael M. Reischman

The University Libraries has announced the appointment of three new assistant deans as part of a reorganization that Nancy Cline, dean of the University Libraries, says is "designed to realign responsibilities in a manner that will most effectively provide for the future information needs of the University and its constituencies."

The new appointees and divisions are: **Giorgianna St. Clair**, assistant dean and head, Information Access Services.

Salvatore M. Meringolo, assistant dean and head, Collections and Reference Services, and **Ronald F. Dow**, assistant dean, Planning and Administrative Services.

Dr. St. Clair has been assistant director for technical, automation, and administrative services at the Kerr Library, Oregon State University. She has held various professional librarian and teaching positions at Texas A&M, the University of Oklahoma, the University of California at Berkeley, the College of Charleston, Western Carolina University, Walsh College, the University of Texas at San Antonio, and the San Antonio Public Library.

Dr. St. Clair, who recently began a three-year term as editor of the *College and Research Libraries*, the official journal of the Association of College and Research Libraries, is author and co-author of numerous articles in professional journals.

She is a member of a number of professional librarian associations and currently is serving on several professional committees of the Association of Library Collections and Technical Services Division, the Association of College and Research Libraries, and the Library Administration and Management Association.

Dr. St. Clair completed her undergraduate study in English at the University of Oklahoma and holds an M.L.S. from the University of California, Berkeley, a Ph.D. in literature from the University of Oklahoma; and an M.B.A. from the University of Texas, San Antonio.

Mr. Meringolo came to Penn State from the University of North Carolina at Charlotte in 1987 as chief of the Humanities and Social Sciences Department of the University Libraries. He also has held positions at the University of Massachusetts/Amherst and Iona College.

Mr. Meringolo is active in various professional library associations and currently serves as vice-chair/chair-elect of the American Library Association's Research in Organization and Management Issues Discussion Group. He also is on the executive board of the Pennsylvania Library Association's College and Research Libraries Division, and he initiated the Association's first salary survey of academic libraries in Pennsylvania.

Mr. Meringolo completed his undergraduate study in history at SUNY-New Paltz and holds an M.L.S. from SUNY-Albany and an M.B.A. from Iona College.

Mr. Dow had been director of the libraries and first vice president for Shearson Lehman Hutton Inc. in New York City. In this capacity, he managed one of the largest financial service libraries in New York serving both Shearson and the parent American Express Co. Prior to joining Shearson, he held library positions at Hamilton College, Dartmouth College, and New York University.

Mr. Dow completed his undergraduate work in history and English at Augustana College and holds a M.S.L.S. from Syracuse University.

Carl Mitcham, associate professor of philosophy and science, technology, and society, has been appointed interim director of the Science, Technology, and Society Program.

Dr. Mitcham, a graduate of the University of Colorado with B.A. and M.A. degrees, received his Ph.D. in philosophy from Fordham University.

Prior to joining the University faculty in spring 1989 as visiting professor of science, technology, and society, he was visiting scholar at the University of Puerto Rico.

Dr. Mitcham previously taught at Berea College and St. Catharine College in Kentucky and Polytechnic University.

An internationally recognized scholar in the philosophy of technology, his research has focused recently on ethical issues, including professional engineering ethics. He currently is completing a study of engineering ethics codes from outside the United States.

Dr. Mitcham, who received the Distinguished Faculty Award from the

Polytechnic University Student Council in 1985, is a member of the Advisory Committee, National Network for Science, Technology and Society Education, a National Science Foundation project directed by the STS Program at Penn State.

He has received a number of grants for his research, including those from the National Endowment for the Humanities, National Science Foundation, American Council of Learned Societies, Exxon Education Foundation, and the MacArthur Foundation.

The Penn State STS program, one of the first three in the United States, was established on an experimental basis in 1969. Today it is one of the broadest focused programs in the country, encompassing social science as well as technological perspectives in curriculum development and research.

Michael M. Reischman, director of the Office of Naval Research Mechanics Division, has been named associate dean for graduate studies and research and professor of aerospace engineering in the College of Engineering.

At ONR, Dr. Reischman directed the national program in mechanics research and oversaw an annual budget of \$33,000,000. He also formulated and coordinated cross-disciplinary research programs within ONR and with other governmental agencies.

An expert in fluid dynamics and turbulence, Dr. Reischman has extensive experience as an administrator in government research and funding agencies.

He was the ONR fluid dynamics program director (1985-89), and a scientific officer handling multidisciplinary, fundamental research in fluid dynamics (1983-85). He also served in research and administrative positions at the Naval Ocean Systems Center in San Diego, Calif., from 1974 to 1983, including a stint as head of the fluid mechanics and materials branch. Dr. Reischman received his Ph.D. in mechanical engineering from Oklahoma State University in 1973. His B.S. and M.S., both in mechanical engineering, are from New Mexico State University.

He serves on several national boards, including the American Society of Mechanical Engineers Board on Engineering Education, Task Force on the National

Science Foundation Budget and Technical Committee of Flow-Induced Noise and Vibration; the State of Virginia Task Force on Supercomputers and the National Advisory Committee of the NASA Ames Center for Turbulence Research.

He is a member of ASME, the American Physical Society, the American Association for the Advancement of Science and the engineering honorary Pi Tau Sigma.

Sanat Kumar, assistant professor of polymer science, has been named Philip L. Walker Jr. Fellow in Materials Science and Engineering.

The Walker Fellowship was endowed by a \$100,000 gift from Dr. Walker, Envan Pugh professor emeritus of materials science, and Virginia Walker and was designated for a materials scientist in the early career years who shows exceptional potential.

Dr. Kumar, who joined the University faculty in 1989, currently is involved in theoretical research on understanding polymer behavior at interfaces.

Part of the income from the endowment will be used to support graduate assistants, research expenses, education and travel expenses. The term of the Walker Fellowship is three years.

Roger C. Vergin, has been appointed director and chairman of the Graduate Program in Management at Penn State Great Valley.

Dr. Vergin has held academic positions at the University of California (Berkeley), University of Washington, University of Minnesota, and Simon Fraser University, Burnaby, British Columbia. He has served as a consultant to The Boeing Co., Ford Motor Co., Homestake Mining Co., Politech Corp. and Marlon Brando.

Active in business and real estate, he was involved in the development of Dupont building, Holiday Inn, and Roosevelt Business Center in Bellingham, Washington and has owned several businesses in Nevada, Washington, and British Columbia. Dr. Vergin holds a bachelor of arts in business administration/engineering, master of science in industrial management, and doctorate in philosophy in business administration/industrial engineering from the University of Minnesota.

Penn Staters

Rustum Roy, director of the Science Technology and Society Program and Evan Pugh professor of the solid-state at the Materials Research Laboratory, has received a medal from the foreign secretary of the U.S. National Academy of Science and produced by the Soviet Union's Academy of Sciences for his leadership in the cooperative scientific endeavors of the two national academies.

Lisa Crockett, assistant professor of human development, has been selected to participate in a summer institute at the Center for Advanced Study in the Behavioral Sciences, Stanford, Calif. The institute, "Human Development and Psychopathology," is intended to increase young scholars' knowledge of developmental psychopathology for teaching, research, and clinical application.

Patricia Farrell, associate professor of leisure studies, is the 1990 recipient of the Fred M. Coombs Honor Award presented by the Pennsylvania Recreation and Park Society to a member who has given outstanding service to the field of recreation and parks or to the society itself, or who has shown pioneering leadership in the field.

Howard G. Knuttgen, director of the Center for Sports Medicine, has been appointed program chairman for the Second World Congress on Sports Sciences to be organized by the International Olympic Committee and held in Barcelona, Spain, in October 1991.

Manfred Kroger, professor of food science, has received the 1989 Scientific Lectureship Award sponsored by the Institute of Food Technologists, Philadelphia Section, in honor of his dedicated service and outstanding contributions to food science and food technology.

David A. Kutz, analytical chemist in pesticide research in the Entomology Department, participated in a workshop on the long-range transport of organic pollutants held near Stockholm, Sweden. He also presented a paper at the VTT Food Research Laboratory in Helsinki, Finland, and the Wallenberg Laboratory, University of Stockholm.

Herschel W. Leibowitz, Evan Pugh professor of psychology, has been named to the Human Factors Technology Group of the National Research Council. The group will prepare a study titled "Future Carrier Technology."

John A. Lucas, professor of exercise and sport science, spoke on "A Contrast of Styles: Pierre de Coubertin and Juan Antonio Samaranch" at the Pierre de

Coubertin Symposium in Quebec City and on James Edward Sullivan, First Amateur Athletic Czar in the United States" at the North American Society of Sport Historians in Banff.

Ruth Anne Mears, Penn State Cooperative Extension agent in Clarion County, has been installed as president-elect of the Pennsylvania Home Economics Association.

Robert E. Newnam, Alcoa professor of solid state science, has been named "Ceramic Educator of the Year" by the American Ceramic Society.

Clayton O. Ruud, professor of industrial and systems engineering, co-chaired the Fourth International Symposium on Nondestructive Characterization of Materials in Annapolis, Md.

K. Warner Schaie, Evan Pugh professor of human development and psychology, has been selected as a Fellow at the Center for Advanced Study in the Behavioral Sciences, Stanford, Calif. He will spend the 1990-91 academic year at the center, where he will prepare a monograph on his Seattle Longitudinal Study, a more than 30-year study of adult cognition.

Harold H. Schobert, associate professor of fuel science and chairman of the Fuel Sciences Program, has been appointed to a three-year term as a member of the National Research Council's Energy Engineering Board.

The late **Eugen Skudrzyk**, professor emeritus of physics, is the 1990 recipient of the Gold Medal of the Acoustical Society of America. He was honored posthumously for his extensive contributions to the advancement of acoustics, particularly structural and under water acoustics, as a researcher, author and educator."

William E. Sopper, professor of forest hydrology, School of Forest Resources, has been honored for the outstanding technical paper presented at the 1990 National Symposium on Mining.

Mary E. Taylor-Nicholson, associate professor of health education, has been named College and University Health Professional of the Year by the Association for Advancement of Health Education.

David B. Van Donmelen, professor emeritus of art education and fiber arts, has been appointed to the Board of Directors of the Pennsylvania Rural Arts Alliance.

Donald V. Waddington, professor of soil science, has received the Distinguished Service Award from the

Pennsylvania Turfgrass Council for outstanding leadership and contributions to the turfgrass industry.

Thomas T. Warner, associate professor of meteorology, and **Nelson L. Seaman**, assistant professor of meteorology, have been awarded a third place prize in the Physical Sciences and Mathematics Division of IBM's 1989 Supercomputer Competition for their paper "A Real-Time Regional Numerical Weather-Prediction System."

James Anderson, professor of chemistry in the Herby College of Science presented a series of lectures titled "Quantum Chemistry by Random Walk." Cancelling the Sun Problem to Fermions, and The Future of Quantum Monte Carlo," at the University of Paris' European Center for Atomic and Molecular Calculations.

Alexander N. Chen, assistant professor of business administration at the Penn State Altoona Campus, has received a \$40,000 research grant from the Center for Rural Pennsylvania. His research to "Determine Rural Residents' Two-Year College Degree Needs" will focus on future employment markets in rural areas of Pennsylvania and the post-secondary educational programs needed to provide a trained labor force to match these employment opportunities.

Anna H. Gajar, associate professor of special education, has been appointed to the State Advisory Panel for Special Education by Gov. Robert Casey.

Kathleen Heid, assistant professor of education, has been appointed to the National Advisory Committee for Curriculum Development in Mathematics: Calculus.

Donald Leslie, associate professor of landscape architecture, served as moderator of the conference "The Last Frontier-Issues Facing Development in the Tongass National Forest and the Arctic National Wildlife Refuge," sponsored by the Alaska chapter of the American Society of Landscape Architects.

Linda Merchant, assistant professor of education, has been elected president-elect of the Secondary Reading Council of the Keystone State Reading Association (KSRA).

The American Library Association has selected the volume *Environmental Hazards: Air Pollution* by **E. Willard Miller**, professor of geography and associate dean for resident instruction emeritus in the College of Earth and Mineral Sciences, and **Ruby M. Miller**, former associate and map librarian, Pattee Library, as one of the "Best Reference Books of 1989."

John R. Nesselroade, distinguished research professor of human development, presented a paper titled "Assessment of Individual Variability" at a recent World Health Organization workshop in Copenhagen.

Joseph Prewitt-Diaz, associate professor of education, has been invited to become a member of the Advisory Board of the Pennsylvania Academy for the Profession of Teaching for a term of two years.

Allan Quigley, assistant professor and regional director of adult education, has been elected to the four-member steering committee of the Adult Education Research Conference.

Peter Rubba, associate professor of science education, presented an invited paper titled "Action on STS Issues: What Research Says is Effective Instruction" at the International Conference on Science, Technology and Society (Conferencia Internacional Alfabetizacao em Ciencia e Tecnologia), Brazil.

Margaret E. Smith, librarian, College of Business Administration Research Support Center, presented the paper "Executive Management Education at the University of West Indies" at the 15th annual Caribbean Studies Association Conference in Port-of-Spain, Trinidad.

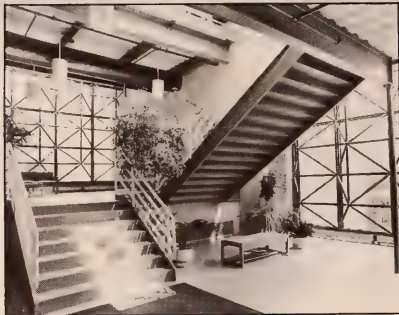
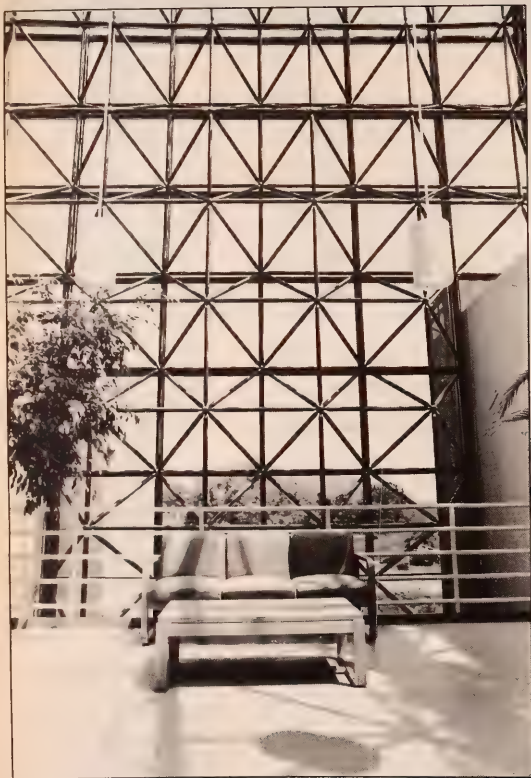
Richard Whitten, assistant professor of art, had 12 pieces of his work selected for a three-person exhibition at the Mincher/Wilcox Gallery in San Francisco from June 7 through July 8.

Steven H. Zarit, professor of human development, has been reappointed as chair of the aging subcommittee of the Life Course and Prevention Research Committee of the National Institute of Mental Health.

Madalyn Amenta, associate professor of nursing at Penn State McKeesport Campus, has been appointed editor of *The Hospice Journal*.

Elizabeth Hanley, assistant professor of exercise and sport science, presented a paper titled "Olympism and Sport: The 1990 Coubertin Connection" at an international symposium, "Sport: The Third Millennium," sponsored by the International Olympic Committee in Quebec City.

John J. Henry, director of the Pennsylvania Transportation Institute and professor of mechanical engineering, has been appointed to represent the United States on the Permanent International Commission of the Permanent International Association of Road Congresses.



Research Building receives award

Research Building East at University Park has been recognized for its outstanding architecture by the Borough of State College's Design Review Board. The building, located just north of College Avenue on University Drive, was designed by Richard DeYoung of the Pittsburgh architectural firm of Williams, Trebilcock, and Whitehead. The Design Review Board, which periodically recognizes improvements to the aesthetics of the State College community, awarded the building a Focus on Appearance citation. Herman L. Slaybaugh, zoning/sign officer, said the building "exemplifies the good type of architecture we are trying to encourage. It sets a standard that all developers can look to for guidance. Additionally, it enhances the eastern gateway to both State College and the University."

Photos by Greg Grieco



Partings

George Boyer, theatre systems engineer for the Center for the Performing Arts, has retired after 25 years service.

He began his career in January, 1965 in Data Acquisition and Analysis at the Ordinance Research Laboratory. He worked on acoustic hearing devices in the anti-submarine project.

In 1974 shortly after Eisenhower Auditorium was finished, Mr. Boyer joined the auditorium staff as theatre systems engineer. He, along with Hagan King, were responsible for all production needs beginning with the first show ever presented in the auditorium, the Pittsburgh Symphony Orchestra.

Over the years Mr. Boyer has specialized in sound and acoustics and has brought his production knowledge to many shows staged in Recreation Hall, Schwab Auditorium and around the campus and community.

In his home in Coburn, which is next to a stream that's full of trout and surrounded by forests, he says he's enjoying his retirement with his wife Barbara and family.

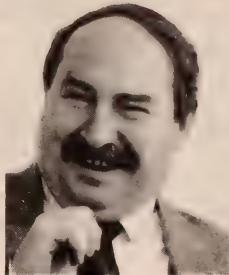
Robert J. Eberhart has retired as professor emeritus of veterinary science after 31 years service.

Dr. Eberhart graduated from Cornell University in 1952 with a degree in zoology. Before attending veterinary school at the University of Pennsylvania, he served in the Navy for four years. He came to Penn State in 1959 as assistant university veterinarian, planning to stay just a few years before starting a private practice.

He never left.
"About the time I was ready to leave, Penn State was starting a mastitis research program," Dr. Eberhart said. "They asked me to lead it, so I stayed." He went on to earn an M.S. in biochemistry and a Ph.D. in physiology at Penn State.

Mastitis, inflammation of a cow's udder usually caused by infection, remained Dr. Eberhart's primary research area. He was among the first to recognize that there are two general kinds of mastitis: a form that passes readily from cow to cow and a form caused by environmental organisms.

"Mastitis is an important disease in dairy cattle," Dr. Eberhart said. "I feel fortunate to have worked on something so



George Boyer

significant."

Dr. Eberhart served on the board of directors and as president of the National Mastitis Council. Within the College of Agriculture, he served as faculty adviser to the Pre-Vet Club for 10 years and supervised many graduate research programs in his lab.

I get the most satisfaction out of seeing the students make it, he said.

He and his wife, Jeannette, have purchased a new house and plan to spend their time fixing it up and traveling.

Theodore F. Grove, farm machinist and faculty mechanic in the Department of Horticulture, has retired after 37 years service.

Mr. Grove came to the University in 1952. He worked for Housing and Food Services for 16 years and then for Fleet Operations for one year before joining the Department of Horticulture.

He spent much of his time building equipment for professors to use in their experiments. "I liked building things," he said. "One time I even made something to send to a professor who was conducting research in Switzerland."

Mr. Grove lives in Centre Hall with his wife, Joan. They have four children, Teddy Jr., Darlene, Violet and Timothy. He plans to keep busy with his part-time construction business.

Obituaries

Amos E. Neyhart, 91, retired director of Institute of Public Safety, died July 5.

He originated driver education programs in the United States. He used his own 1929 Graham-Paige automobile and began his crusade for safe driving in the early 1930s, and used State College High School students as volunteers. He set up the first high school driver education course in 1933, the first teacher preparation course in driver education and the first seminar in this field for college professors.

He received a bachelor of science degree in industrial engineering in 1921 and a master of science degree in psychology in 1934 from Penn State.

He then accepted a position as assistant professor of industrial engineering at Penn State. He had earlier served as a production and safety engineer for Pilgrim Shirt Co., which he and his brother founded, and Susquehanna Silk Co., in Milton. In 1936,

he joined the staff of the American Automobile Association in Washington D.C. as a consultant on driver and traffic education and was serving in this capacity at the time of his death.

He became director of the University's new Institute of Public Safety, which he directed until he retired as director emeritus in 1964.

H. Elizabeth Miller, college health nurse at DuBois Campus, from Nov. 1, 1965, until her retirement Jan. 1, 1977, died July 15 at the age of 70.

Ralph E. Thomas, specialist in adult education, Division of Continuing Education, from Oct. 4, 1954, until his retirement July 1, 1972 died July 20 at the age of 83.

Robert C. Wolfe, maintenance worker, general, at the Hershey Medical Center, from Dec. 6, 1976, until his retirement Dec. 6, 1986, died July 27 at the age of 60.

Faculty/Staff Alerts

DuBois telephone number

The telephone number at the Penn State DuBois Campus has been changed to (814) 375-4700.

"The change became necessary because of the need for additional extensions in our new building," John Luchini, director of business services, said. "The old system wasn't capable of handling the additional extensions. We considered acquiring a hybrid system that would have kept the old system and included a new one for the additional service, but after reviewing all the options, the complete changeover was the best."

The new system will provide a variety of new communications options for campus employees, making it easier to place and receive calls. Don Miller, maintenance foreman, says the biggest immediate difference will be specific seven-digit numbers for all campus phones, making it possible to dial specific extensions without dialing the switchboard.

'Wellness Wake Up'

This semester, a unique health and fitness program for early risers will be offered at University Park. The course, titled "Wellness Wake Up," was developed by the offices of Faculty/Staff Health Promotion and Recreational Sports in response to Penn State's health promotion survey.

The program will meet Monday through Friday from 6:30 to 7:30 a.m. in Rec Hall beginning Sept. 10. Qualified staff will assist participants in designing individualized programs in a variety of activities, including indoor/outdoor walking/running, aerobics, weight-training, and stationary cycling.

Participants will also receive comprehensive pre- and post-fitness evaluations to help monitor progress throughout the program. In addition, weekly mini-lectures will be given on wellness topics such as: exercise and weight

loss, maintaining exercise motivation, cholesterol awareness, and stress management.

The cost for the Fall Semester is \$50 and enrollment will be limited to the first 100 participants. Registration forms and information may be obtained at Room 2 of the Intramural Building or by calling Patti Kenney at 865-5401 or Nancy Sassano at 865-3085.

Noon hour courses

The Human Resource Development Center and Continuing Education are offering the following 3-credit courses for University employees Fall Semester 1990:

Accounting 101.3 and Marketing will meet from 12:10 to 1 p.m. Monday, Wednesday and Friday; Management 341 will meet from 11:45 a.m. to 1 p.m. Tuesdays and Thursdays.

The courses are part of the Business Management and Business Administration Certificate Programs offered through Continuing Education. Counselors are available to help with course selection. For information, contact the Human Resource Development Center at (814) 865-3410 or the Continuing Education Office at (814) 865-3443.

Microcomputer Repair Service

The price for personal computer (PC) repair on a time and material basis is now \$29.50 per hour (labor).

The increase is necessary in order to meet the cost of the quality service that the operation provides. The PC repair function is self-supporting and receives no budgeted funds to support its operation.

Alternatively, annual fixed-price contracts are available on most major brands that are sold through the University, such as Zenith, IBM, Apple, and Hewlett Packard.

Call 863-4555 for contract prices and a detailed list of equipment that can be serviced. Contracts are available for personally owned equipment as well.

Staff Vacancies

Continued from page 16

other special student positions. Requires master's degree, or equivalent, in counseling, student personnel services, or closely related field plus up to and including one year of effective experience, or bachelor's degree plus one year up to and including two years of effective experience. THIS IS A FIXED-TERM POSITION FUNDING THROUGH JUNE 30, 1991. WITH POSSIBILITY OF PERMANENT FUNDING. STAFF GRADE 6.

*00875, Assistant Director, Medical Center Information Services, College

of Medicine, Medical Computer

Center, The Milton S. Hensley Medical Center—Responsible to the director, Medical Center Information Systems, for overall supervision of technical support activities to include the evaluation, selection and installation of systems software. Requires bachelor's degree, or equivalent, plus five to seven years of effective experience including supervisory experience in data center operations of systems programming with emphasis on hardware selection, installation and maintenance, operation systems software and telecommunications. STAFF GRADE 8.

Staff Vacancies

The following vacancies for positions classified as staff except on a temporary basis have been listed with the University's Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 NETWORK LINE 433-0304. Applications for these staff vacancies will be accepted until Aug. 30. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment practices (FES) and in compliance with the University's Alternative Action/Complaint Program protocol regard to race, color, religion, national origin, handicap or age, as provided by law or sex or status as a disabled or Vietnam era veteran.

***00847. Photographer, CES, University Division of Media and Learning Resources, University Park Campus** - Responsible to the director, University Photographers, for providing photographic services to support a variety of University requirements and assist in departmental and quality control. Requires bachelor's degree or equivalent plus one to two years of effective experience in commercial, industrial or media photography. A thorough knowledge of various camera formats, lighting techniques, optics and photographic processes is essential. A portfolio and/or demonstration of competencies will be required if an interview is scheduled. STAFF GRADE 5.

***00848. Cinematographer, Videographer, CES, University Division of Media and Learning Resources, University Park Campus** - Responsible to the supervisor, Cinematographer/Videography for providing film video still photography, lighting and editing services. Requires bachelor's degree or equivalent in broadcast, journalism, film, video production and a minimum of up to two years of effective experience. Must have good aesthetic judgment, exhibit creativity in the execution of daily production activities, have a good background in film production techniques with excellent composition, lighting and editing skills, and be capable

of working under direction as well as independently. STAFF GRADE 5.

***00849. Research Compliance Coordinator, Senior Vice President for Research and Dean of the Graduate School, Intercollegiate Research Program, University Park Campus** - Responsible to the associate dean of the Graduate School and the director of Intercollegiate Research Programs for coordinating and providing administrative support to committees and programs with compliance and regulation issues related to research. Requires bachelor's degree or equivalent in a biological or science related field, plus two to four years of effective experience with research administration. STAFF GRADE 7.

***00850. Director of Satellite Ben Franklin Technology Center, Sr. Vice President for Research and Dean of the Graduate School, Ben Franklin Technology Center, Penn State Harrisburg** - Responsible to the president and chief executive officer of the Ben Franklin Technology Center (BFTC/CNP) for managing the Ben Franklin Partnership Program in an assigned sector of Pennsylvania. Requires bachelor's degree or equivalent in engineering, science, or business administration plus over four up to and including seven years of effective experience in negotiating industry-university working relationships. STAFF GRADE 8.

***00851. Staff Assistant, President's Office, University Office of International Programs, University Park Campus** - Responsible to the coordinator for academic support services for counseling and advising students in Education Abroad Program (EAP), for developing and coordinating pre-departure orientation and re-entry programs, for assisting with the promotion of Education Abroad Program, and for liaison with the EAP student club. Requires bachelor's degree or equivalent plus one to two years of effective experience. Familiarity with other cultures preferred. THIS IS A FIXED TERM POSITION FUNDED THROUGH JUNE 30, 1991 WITH POSSIBILITY OF RE-FUNDING. STAFF GRADE 5.

***00852. Director, Professional Billing, College of Medicine, University**

Physicians Professional Billing, The Milton S. HERSHEY Medical Center - Responsible to the associate vice president for health finance/controller for the planning, directing, and evaluating of the operation and activities of the University Physicians Group Practice. Requires bachelor's degree or equivalent, with six to seven years of effective experience in the health care field preferably in the management of faculty practice plans. STAFF GRADE 9.

***00864. Procedures Specialist, Corporate Controller, University Park Campus** - Responsible to the manager, Systems and Procedures, for reviewing, investigating, analyzing and developing new and improved financial control and management procedures for all departments of the University. Requires bachelor's degree in business administration plus three to four years of effective experience in internal financial controls, procedures, forms control and similar administrative management work. Computer experience is highly desirable. STAFF GRADE 7.

***00865. Assistant Accountant, Corporate Controller, University Park Campus** - Responsible to the director, Accounting Operations, for assistance in a wide variety of duties, working toward the overall goal of obtaining well rounded accounting experience in all areas within the Office of the Corporate Controller. Requires bachelor's degree or equivalent in accounting or related field and up to one year of effective experience. STAFF GRADE 5.

***00866. Nurse, Orthopaedics, Intercollegiate Athletics, University Park Campus** - Responsible for coordinating supervising management and executing the nursing procedures for the team orthopaedics' office in providing orthopaedic medical care for the intercollegiate athletes and other sports medicine orthopaedic patients under objective guidelines established by the director of clinical services of the Center for Sports Medicine. Requires graduate of an accredited nursing program and current license in Pennsylvania as a registered orthopaedic nurse plus up to one year of effective experience in an orthopaedic environment. STAFF GRADE 4.

***00867. Admissions and Minority Recruitment Counselor,**

Undergraduate Education, Admissions, Philadelphia Community Recruitment Center - Responsible to the director, Philadelphia Community Recruitment Center, for minority recruitment activities and for general assistance in handling admissions matters in an assigned geographical area. Requires bachelor's degree, or equivalent, plus one to two years of effective experience in educational administration or in a related field. STAFF GRADE 6.

***00868. Assistant Forest Supervisor, Agriculture, School of Forest Resources, University Park Campus** - Supervise and perform work involved in tree planting, mowing, boundary marking, sign posting, road maintenance, timber measurement, gypsy moth surveys, etc. Oversee the application of and apply forest cultural treatments including insecticides and herbicides. Requires associate degree, or equivalent, in forestry and one to two years of experience in forestry management. Must have passed category 18 public pesticide licensing test. STAFF GRADE 4.

***00869. Campus Health Services Nurse, CES, Student Programs and Services, Fayette Campus** - Responsible to the director, Student Programs and Services, for coordinating and providing health services programs at the campus. Assist in formulating general policies and procedures for delivery of health services; review, maintain and control all student medical records. Requires bachelor's degree in nursing, or equivalent plus one to two years of effective experience in college health nursing, emergency care, public health nursing, occupational health nursing or a related field. Must have licensure as registered nurse in the Commonwealth of Pennsylvania. STAFF GRADE 5.

***00870. Research Coordinator, Development and University Relations, Research Department, University Park Campus** - Responsible to the research manager for the coordination and implementation of prospect research programs supporting fund-raising activities. Requires bachelor's degree, or equivalent, preferably in humanities or library science with one to two years of effective experience preferably in research activities. STAFF GRADE 5.

***00871. Coordinator of Student Alumni Programs, Development and University Relations, Alumni Association, University Park Campus** - Responsible to the associate executive director for alumni relations for the planning and execution of programs involving students to support the mission and objectives of the Alumni Association and the Office of University Development. Requires bachelor's degree, or equivalent, plus six to 12 months of effective experience with a demonstrated knowledge of student organizations and activities and institutional programs, good rapport with students and good written, verbal and organizational skills are required. STAFF GRADE 5.

***00872. Assistant Director, Telefund, Development and University Relations, Telefund Office, University Park Campus** - Responsible to the director of annual giving for managing all aspects of the Telefund Program. Requires bachelor's degree, or equivalent, plus two to three years of effective experience, preferably in university administration, public relations, or promotional activity. Strong oral and written communication skills are important. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991 WITH EXCELLENT POSSIBILITY OF RE-FUNDING. STAFF GRADE 7.

***00873. Graphic Designer, University Arts Service, Center for the Performing Arts, University Park Campus** - Responsible to the graphic design supervisor for the design and preparation of artwork for a wide variety of materials, adhering to established time limits and maintaining the highest quality standards possible. Requires bachelor's degree, or equivalent in graphic design plus one to two years of effective experience. Excellent communication and organizational skills required. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991, WITH EXCELLENT POSSIBILITY OF RE-FUNDING. STAFF GRADE 5.

***00874. Student Support Counselor, Student Affairs, Penn State Harrisburg** - Responsible to the associate director of student affairs for service oriented programming which provides assistance to minority, commuter, adult, disabled, international, returning women, and

Please see "Vacancies" on page 15

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William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

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FOCUS ON DIVERSITY

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INTERCOM

August 30, 1990

Volume 20, Number 2

University launches new private fund-raising efforts

Penn State has launched the first in a series of private fund-raising efforts that build on the University's successful \$300 million capital campaign, which ended June 30.

The new Annual Fund for Academic Excellence, which will involve each of Penn State's academic colleges and schools and every one of its 22 campuses statewide, aims to increase the number of individual donors to Penn State by at least 15,000 over the next two years. 1989-90

The University's 21,000 faculty and staff and 300,000 alumni will be invited to participate.

"We've made the Annual Fund our first new fund-raising venture because it will help to sustain and further academic excellence, which has always been Penn State's highest priority," G. David Gearhart, senior vice president of development and

University relations, said.

He noted that annual gifts form the core of private support for many academic programs throughout the University and are used for such purposes as library acquisitions, student aid and the purchase of computers and other instructional materials.

In 1989-90, 16 percent of University alumni gave more than \$12 million. This level of participation places Penn State fifth among Big Ten universities.

"Boosting this rate to 20 percent will help us to remain academically competitive with other universities," Dr. Gearhart said. "Private support often spells the difference

between a university of average or even good academic quality, and one whose quality is outstanding."

The new look of the Annual Fund should help Penn Staters more easily identify their annual giving solicitation, according to Daniel Saftig, director.

The Annual Fund for Academic Excellence combines other annual appeals into one program for greater efficiency and clarity," Mr. Saftig said. "Previously these requests came from the individual colleges and campuses - each with a separate letter or phone call and often with a different letterhead and name.

Mr. Saftig also noted that a special effort would be made to attract gifts from young alumni.

Thirty-three percent of our alumni have graduated within the past 10 years, he said. "Heightened participation from this age group on an annual basis could mean great things for Penn State in the future."

All Penn State faculty, staff and alumni will receive either a mailing outlining the new program or a telephone call from a student. Donors will still be able to direct their gifts to programs of their choice.

FACULTY AND STAFF GIVING
ALL PENN STATE LOCATIONS

YEAR	NUMBER OF DONORS	DOLLARS RECEIVED
1984-85	2,444	\$ 349,809
1985-86	2,861	\$ 491,597
1986-87	3,019	\$ 874,818
1987-88	3,354	\$1,600,360
1988-89	3,121	\$1,000,095
1989-90	3,377	\$ 885,916

Active military duty procedures are detailed

Penn State has established special procedures for students called to active military duty to assist them in withdrawing from the University.

Dr. Robert E. Dunham, vice president and vice provost, said the University is attempting to be as lenient and flexible as possible in light of current conditions in the Middle East.

"The University understands the spirit of the emergency and wants to make it easy for students to respond and to return to their studies as soon as possible. Even on active duty, we consider them Penn State students," he says.

Students who receive orders to report for active military duty should contact the

Registrar at their local campus in order to process their withdrawal from the University. At University Park, they should contact the University Registrar at 114 Shields by calling 864-1926. At other campuses, the Registrar can be located through the campus information desk or by calling the campus telephone operator.

Under these special withdrawal procedures, Dr. Dunham said, the student will be given a "military withdrawal" designation.

The Registrar will process the withdrawal and, where necessary, will initiate actions with the Bursar and Housing to complete the withdrawal process without further action by the student. Special

withdrawal actions may be necessary if the student is receiving financial aid in the current semester."

According to Dr. Dunham, students who have withdrawn or do not return for the next semester for military reasons are considered to be on special military absence from the University as long as they are on active duty and will be eligible for a special "military readmit" to the University upon their return. Special assistance for students on military absence is available from the University's Veterans Program Office.

Dr. Dunham said that procedures for University faculty and staff called to active military service are covered by PS 19 in the

Please see 'Active' on page 3.

INSIDE

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Focus on Diversity

Tennis, computers used to awaken interest in college

Everyone involved in education is aware that early intervention is one of the keys to keeping underrepresented groups in school. It also is a way to awaken an interest in the possibility of attending college.

Early intervention at the Penn State Allentown Campus took the form of a one-week computer/tennis camp. The camp, part of the campus' ongoing diversity efforts, was taught by **Dennis Phillips**, library director. The students in grades four, five and six spent from 9 a.m. to noon with Mr. Phillips, a former award winning junior tennis player who taught the group the basics of tennis.

The second half of the program was spent in the academic computing lab. Each camper had access to an IBM PS-2 computer. Mr. Phillips helped the students become comfortable with computers through hands-on experience with software specifically designed to develop problem solving and critical thinking skills.

The students used Microzine software, a curriculum-based software, designed for grades four through eight. The four programs used in the camp helped sharpen reading comprehension and critical thinking skills, develop language arts skills, and provide practice in observation and problem solving.

The software package was chosen by **Judy Lichtman**, reference librarian at the camp. "I selected this particular program



Dennis Phillips instructs students in the Allentown Campus minority computer/tennis camps. (Photo: Lucy Wienckowski)

because students have fun while they learn computer skills," she said.

Latino students from Casa Guadalupe, a community-based organization that meets the needs of low-income Puerto Rican and Latino residents of Lehigh County attended

the camp the week of July 23 and African-American students from several organizations in the Lehigh Valley attended the week of July 30.

Funding for the program was provided by Meridian Bank through their

Community Partnership, a corporate-wide outreach program.

Stanley Nowak Jr., assistant professor of Spanish, humanities, and social science at the Penn State Allentown Campus and member of the Community Partnership Board, applied for the \$3,000 grant to fund the program.

"We are very pleased that Meridian Bank funded this opportunity for underrepresented groups in the Lehigh Valley. This camp will help expand the vision for educational opportunities of the students who attended," he said.

Dr. Nowak, in addition to his faculty status at the campus, heads up the Center for Intercultural Community Building at Penn State Allentown. He also is president of the board of directors of Casa Guadalupe. Through their involvement in the community he is taking an active role in identifying initiatives so Penn State can effectively serve underrepresented groups in the Lehigh Valley.

"So many Latino and African-American students are at risk of leaving the educational system that the campus feels we must begin to reach these students at an early age and help them to see that the opportunities for a college education are available," Ms. Lichtman noted.

She said that plans are being made to continue and expand the camp next summer.

—Lucy Wienckowski

Native American Indian education efforts recognized

Two University faculty members have been cited for their efforts in improving educational opportunities for Native American Indians.

G. Mike Charleston, associate professor of education and director of the Native American Indian Education Policy Center, has been appointed to study educational conditions of Native American Indians.

Established by the U.S. Department of Education secretary, the 15-member Indian Nations at Risk Task Force will study education circumstances, patterns and problems that Native American Indians experience.

Patrick Lynch, professor of education, has been honored by several of the nation's top officials in American Indian education for his contributions toward the advancement of Native American Indians in education.

Dr. Lynch recently received letters of appreciation from John MacDonald, U.S. Department of Education assistant secretary, office of elementary and secondary education; Eddie Brown, assistant secretary of the U.S. Department of Interior's Department of Indian Affairs; Everett Rhoades, U.S. Department of Health and Human Services' assistant surgeon general; and Jo Hunt, National Advisory Council on Indian Education executive director.

The letters were sent to commemorate the 20th anniversary of the Native American Leadership program at Penn State and to honor Dr. Lynch for founding the program.

Dr. Lynch, a member of the University faculty since 1969, founded the Native American Leadership program in 1970, creating one of the first major university programs for Native American Indian graduate students in the country. Since then, Penn State has become one of the

'One important area (the task force will study) will be ways to improve the quality of everyday Indian life.'

—G. Mike Charleston

nation's leading producers of Native American doctorates.

Serving as the first director of the program, he personally recruited the first students who later became some of the nation's highest ranking Native American Indians in government and business.

"Your more than 20 years of dedication to educational excellence is true testament to your vision and belief that Indian people can truly self-determine their destinies if given the opportunity," Mr. Rhoades wrote.

In addition, Dr. Lynch has worked toward improving education in Third-World countries for much of his career.

His recommendations have led to structural changes in basic and vocational education in Mexico, Peru, Thailand, Brazil, Ecuador, Botswana, Costa Rica, Guatemala and Paraguay. He also helped to establish programs for Hispanics at Penn State and a faculty exchange program at the University of Sudan and Penn State.

Dr. Lynch, who retired on June 30, will help the Indonesian Ministry of Education build a more effective educational system throughout that country.

In his role as project director of the Nations at Risk Task Force, Dr. Charleston will direct day-to-day activities of the study from Washington, D.C., taking a leave of absence from the University.

"It is truly an honor to serve on such a monumental project to benefit the Native American Indian community nationwide," said Dr. Charleston, a member of the Choctaw Nation of Oklahoma. "The task force members are talented people committed to improving Indian education, and it's a thrill to work with them."

Researchers will identify successful Indian education programs in areas of the country with concentrations of Native American Indians and observe and document school conditions, resources and goals, he noted.

In addition, they will discuss various options with Native American Indian and non-Indian educational leaders throughout North America.

At completion of the projected 13-month study, the task force will publish a report for the nation and the U.S. secretary of education with specific recommendations for improvements.

The final report also will include practical recommendations for all levels of education, including actions for school boards, public officials, state and local governments, affected tribes, parents and others having a vital interest in the education of Indians.

"One important area will be ways to improve the quality of everyday Indian life," Dr. Charleston said. "We already know from previous research that education can be hindered by the extreme poverty and shortcomings in health, social and economic conditions facing by a major percentage of Indians. Findings solutions is going to be tough."

Dr. Charleston, a member of the University faculty, has directed the Native American Indian Education Policy Center at the University since 1986.

Three Earth and Mineral Sciences graduates to visit

Three College of Earth and Mineral Sciences graduates will visit University Park Sept. 5 to 8 to receive the Alumni Fellow Award and meet with students and faculty members.

They are **Steward S. Flaschen**, chairman, Oxbridge Partners, and president, Flaschen and Davies; **Richard J. Janda**, chief of the Debris Hazard Assistance Team, Water Resources Division, U.S. Geological Survey; and **Richard F. Wesner**, president, Evenson, Auchmuty and Greenwald.

The Alumni Fellow Award, presented by the Penn State Alumni Association, is the most prestigious of the association's awards. It is administered in cooperation with the colleges. The Board of Trustees has designated the title of Alumni Fellow as permanent and lifelong.

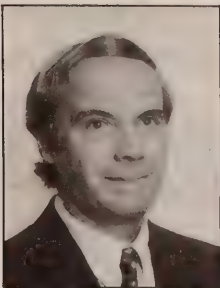
Dr. Flaschen, who received a Ph.D. in geochemistry in 1953, is chairman of Oxbridge Partners, a private merchant bank, and president of Flaschen and Davies, a management consulting firm. He retired from I.T.T. Corp. in 1986 as senior vice president, member of the management policy board and chief technical officer.

An elected Fellow of the Institute of Electrical and Electronic Engineers, the American Association for the Advancement of Science and the American Institute of Chemists, he holds 15 patents and is author of the textbook *Soil and Water Resources*. Dr. Janda, a 1960 geology and



Steward S. Flaschen

mineralogy graduate, is based at the [Cascades] Volcano Observatory in Washington state. He directs efforts to mitigate hazards from landslides and debris flows associated with active volcanoes in the United States and overseas. He is involved in the field in volcanic hazard assessment and mitigation in Colombia, Ecuador, Guatemala, Japan and Indonesia and also serves as annex co-chief for scientific exchange between the USGS and the Chinese Ministry of Water Resources in geomorphology and sedimentation.



Richard J. Janda

Dr. Janda has been with the U.S. Geological Survey since 1962. He has served as a visiting professor at the University of California, Santa Cruz, and at Penn State. He received his doctorate from the University of California, Berkeley, in 1966.

Mr. Wesner was the first student at Penn State to major in mineral preparation engineering, receiving his B.S. degree in 1947 and M.S. in 1948. He currently is president of Evenson, Auchmuty and Greenwald, mining consultants, in



Richard F. Wesner

Pittsburgh. In 1988, he retired as president and chief executive officer of Kennedy Van Saun Corp. and as a member of the board of directors and president of the Corporate International Sales Division of McNally Pittsburg Inc.

He is a director of the First National Bank of Danville and of the Geisinger Foundation and Geisinger Medical Center. In addition, he served as a director of Susquehanna University (1981-89) and as a member of the Board of Trustees of Bloomsburg University (1983-90).

Bookshelf

John C. McWilliams, assistant professor of history, is the author of *The Protectors: Harry J. Anslinger and the Federal Bureau of Narcotics, 1930-1962*, published by the University of Delaware Press.

A native of Hollidaysburg and a Penn State graduate, Harry Jacob Anslinger (1892-1975) was appointed the first commissioner of the Federal Bureau of Narcotics in 1930.

In *The Protectors*, Dr. McWilliams depicts a commissioner quite different from the one-dimensional antidrug zealot portrayed by other scholars who have dealt with Mr.

Anslinger. The book explores not only the origins of the FBN as it pertained to drug legislation, but also the extracurricular activities of Mr. Anslinger and his agents.

Most sources dealing with federal drug policies under Mr. Anslinger focus on his persona as commissioner. Dr. McWilliams' use of personal and official correspondence allows a more comprehensive examination.

Mr. Anslinger received an associate degree in agricultural business from Penn State in 1915 and began his employment with the U.S. government two years later.

On Sept. 22, 1962, he received the Distinguished Citizen Award from President John F. Kennedy. He died on Nov. 14, 1975, in Altoona.

Obituaries

Paul S. Beaver, retired assistant director of Continuing Education and associate professor of management training in the College of Business Administration, died Aug. 10 at the age of 83.

He graduated with honors from Bucknell University in 1928 and earned his master's degree in education from Penn State in 1941. He taught and was head of the guidance department in the Bellefonte Area High School until early 1943 when he was commissioned in the U.S. Navy.

Mr. Beaver retired from Penn State July 1, 1970, after 27 years as a teacher, administrator, educator and public speaker.

He received the National University Extension Association's Professional Service Award and Conferences and Institutes award in 1969 in recognition of 25 years of dedicated service in the area of management conferences and institutes.

After retiring from Penn State, Mr. Beaver was a consultant and lectured on management.

John G. Aston, emeritus professor of organic chemistry and emeritus director of the Low Temperature Laboratory, 87, died Aug. 6 at the age of 87.

Dr. Aston, who joined the chemistry faculty in 1929, founded the Cryogenic Laboratory in 1933. Under his direction, the laboratory achieved international prominence for pioneering many phases of low temperature research.

His research in organic and physical chemistry included his original preparation and studies of aliphatic azoxy compounds, which led to the chemical identification of an organic leaf substance that produces a crippling cattle disease.

Dr. Aston received his B.S., M.S. and Ph.D. from the University of California at Berkeley in 1923, 1924 and 1926, respectively. From 1926 to 1928, he was a Milton Fellow and research associate at Harvard University. In 1928, he served as an instructor at Northwestern University.

Memorial contributions may be made to the John G. Aston Memorial Scholarship, c/o University Foundation, Penn State, 1 Old Main, University Park, Pa. 16802.

Faculty, staff members invited to open house at dialysis unit

Faculty and staff members are invited to attend an open house at the Dialysis Unit for Penn State University Students from 4:30 to 6 p.m. Friday, Sept. 7. The unit is housed on the second floor of the O'Brien Phase apartment building, 300 S. Pugh St., State College.

The student dialysis unit, the first and only program of its kind, offers young adults with End Stage Renal Disease an opportunity to pursue post-secondary educational goals while learning to live independently with a chronic illness.

The unit is a non-profit corporation operated by concerned individuals from the

University and the community. It is supported, in part, by the Office of Vocational Rehabilitation, a Community Block Grant, a University grant from the U.S. Department of Education, and a local fund-raiser.

The unit, which opened in 1985 with one student, currently has 12 students enrolled and registered for classes at the University.

For more information on the dialysis unit or the open house, contact Judith Finkelstein, educational coordinator, 234-8722, or John McQuarry, administrator, 466-7911.

Active duty

Continued from page 1
University Policy Manual.

The policies provide that each regular University faculty or staff member who has completed one day of regular employment with the University immediately preceding the effective date of the requested military

leave, and who has been ordered to report to active duty on a specific date, is eligible for the leave.

The policies also provide for certain University benefits to remain in effect while the faculty or staff member is on leave. Details on the policies are available from Personnel Representatives or campus Directors of Business Services.



Trial flowers

These 'Dreamland Coral' zinnias (above) and 'Pink Tassles' Colosia (left) are among the more than 1,000 flower and vegetable cultivars planted in the University's Trial Garden, located at the corner of Park Avenue and Bigler Road Extended at University Park. W. Robert Fortney, associate professor of floriculture, coordinates the garden, which annually showcases flowers and vegetables grown from seeds submitted from plant breeders and seedmen from around the world. Plants awarded All-America Selections status are made available to the gardening public by growers and nurseries. The Department of Horticulture in the College of Agriculture has been involved in All-America Selections trials for more than 50 years. (Photos: Greg Grieco)

Schreyer to keynote Shoemaker program

William A. Schreyer, chairman and chief executive officer of Merrill Lynch and Co., will be the keynote speaker for the fifth G. Albert Shoemaker Program in Business Ethics at 7:30 p.m. Wednesday, Sept. 5, in the Kern Graduate Building at University Park.

The Shoemaker Program in Business Ethics was made possible through a \$100,000 gift to the University from G. Albert and Mercedes Shoemaker of Pittsburgh. Mr. Shoemaker is the retired president of the Consolidation Coal Co. and president emeritus of the Penn State Board of Trustees.

The Shoemaker Program provides an ongoing forum where students, scholars and business leaders can exchange views on ethics in management decision-making. The focal point of the program is a yearly lecture.

Mr. Schreyer has spent his entire professional career with Merrill Lynch. Joining the company in 1948, the same year he received a bachelor's degree in commerce and finance from Penn State. He was elected president of Merrill Lynch in 1982, assumed the duties of chief executive officer in 1984 and became chairman the following year.

A Distinguished Alumnus of the University, Mr. Schreyer is a member of the Penn State Board of Trustees, has served as national chairman of The Campaign for Penn State and is a member of the Board of Visitors of the Smeal College of Business Administration.

He and his wife, Jean, and Merrill Lynch have created the William A. Schreyer Chair in Global Management Policies and Planning through a \$1 million gift to the Smeal College.

Office announces research promotions

The Office of the Vice President for Research and Dean of the Graduate School has announced the following promotions:

To Senior Research Associate

Ram B. Bhagat, Applied Research Laboratory

To Senior Research Assistant

John G. Fleck
Stanley J. Giner
Ray A. Grove
William R. Hall
Richard T. Harvey
R.C. Marboe
Michael J. Pierzga
John J. Portelli
Francis G. Quinn
David R. Stinebring
(All at the Applied Research Laboratory)
Shoko Yoshikawa, Materials Research Laboratory

Faculty and staff members are honored with awards

Perez award

David L. Miller, professor of electrical engineering, is the first recipient of the College of Engineering Lawrence Perez Memorial Student Advocate Award.

The award, established in the memory Lawrence Perez, recognizes outstanding advocacy by a faculty member on behalf of students. Mr. Perez joined the engineering faculty in 1945, retiring as professor of civil engineering in 1970. He also served as assistant dean for instruction.

Dr. Miller came to the University in 1985 from Rockwell International Corp. in Thousand Oaks, Calif. A scientist with Rockwell from 1977 until 1985, he is a specialist in the development of molecular beam epitaxy.

Dr. Miller was cited for his ability to motivate students and his dedication to working with students outside the classroom.

A graduate of Whitman College in Washington, he earned his M.S. and Ph.D., both in physics; from the University of Illinois.

Fayette Campus award

Nathan Viswanathan, associate professor of chemistry at the Penn State Fayette Campus, has received the 1990 Penn State Fayette Teaching Excellence Award.

As a recipient of the award, he received a \$1,000 cash award, and his name will be listed on the Teaching Excellence Award plaque in the Eberly Building on the campus.

"I am very gratified that my teaching ability is being recognized," he said. "At the same time, this kind of recognition gives me encouragement to improve my work."

Dr. Viswanathan said he enjoys teaching chemistry to freshmen and sophomores who are majoring in science and engineering. He also teaches one or two courses for liberal arts students who choose science as an elective.

Engineering awards

Twelve College of Engineering faculty members have received outstanding



Nathan Viswanathan

research, teaching, and advising awards presented by the Penn State Engineering Society (PSES).

Outstanding teaching award recipients are **Ramon Borges**, assistant professor of engineering at the Penn State Altoona Campus; **Paul H. Cohen**, associate professor of industrial engineering; **Bernard Guss**, associate professor of engineering at the New Kensington Campus; and **Bohdan T. Kulakowski**, associate professor of mechanical engineering.

Awards for Outstanding Achievement in Research went to **Russell Messier**, professor of engineering science and mechanics; **Philip J. Morris**, professor of aerospace engineering; **Domenic A. Santavica**, associate professor of mechanical engineering; and **Christopher R. Wronski**, Leonard professor of electrical engineering.

Faculty receiving Outstanding Advising Awards are **Robert J. Heinsohn**, professor of mechanical engineering; **Deborah Medeiros**, associate professor of industrial engineering; **Hubert C. Smith**, assistant professor of aerospace engineering; **Charles E. Sohl**, assistant professor of engineering at the Penn State Osgontz Campus.

Penn College

Joseph B. Gehret, president of Norcen Industries Inc., has been named Pennsylvania College of Technology's 1990 Alumnus of the Year.

Mr. Gehret, of Mountville, has been a longtime supporter of the College, serving as a member of the College's machine shop committee and contributing numerous gifts of cash and equipment to support those instructional programs. His contributions also aided in the development of the College's Technology Transfer Center.

Mr. Gehret was graduated from the College's first forerunner, Williamsport Technical Institute, in 1938, in the machine shop curriculum. One of the founders of Norcen Industries Inc., a precision machining company located in Jersey Shore, he has served as president of the company since its founding in 1967. Prior to that time, he spent seven years as a toolmaker with Avco Lycoming, 14 years as a toolmaker at CTE, and five years as machine shop foreman at Litton Industries.

Teaching awards

Pennsylvania College of Technology has named its "Distinguished Teachers" for 1990.

The highest level of College recognition, the "Master Teacher Award," was presented to **Nancy C. Bowers**, associate professor of mathematics. Mrs. Bowers joined the faculty in 1983 and, for the past three years, has served as mathematics facilitator for the College.

Two electronics instructors, **Jeffrey B. Weaver** and **Bruce M. Smith**, were honored with "Excellence in Teaching Awards." Mr. Weaver joined the College faculty in 1986. Mr. Smith has been a member of the faculty since 1982.



William D. Miller (left) is the recipient of the Chambers Award. Shown with him are Mrs. Charles R. Chambers and Kenneth S. Babs.

Chambers award

William D. Miller, associate bursar, has received the 1990 Charles R. Chambers Memorial Award.

The award was established in 1979 by the family and friends of the late Mr. Chambers who was director of accounting at the University from 1967 to 1977. It honors employees of the Controller's Office who "exhibit a conscientious and dedicated attitude toward their professional responsibilities above that normally expected or required."

Mr. Miller graduated from Altoona Catholic High School and the Altoona School of Commerce. Before coming to the University, he served in the U.S. Army.

Mr. Miller, who has been employed by Penn State for 26 years, began his career as an accounting assistant in the Accounting, Special Funds Department. He held several other positions before being promoted to associate bursar in 1973.

McFarland Award

Norris B. McFarlane, owner and president of the McFarroll Corp., Charleston, S.C., has received the 1990 McFarroll Award of the American Society for Metals International in recognition of his many achievements in the area of ferroalloys.

The McFarroll Award has been presented annually by the Penn State Chapter of ASM since 1948 when it was established to honor the memory of David Ford McFarroll, head of the Department of Metallurgy from 1920 to 1945. The award is made to an outstanding alumnus of the metals science and engineering program and is presented at the annual McFarroll Dinner in State College.

Mr. McFarlane, a 1934 graduate of metallurgical engineering, has had a long and successful career as innovator and corporate leader in the metal alloys industry. He currently is president and owner of McFarroll Corp., the largest ferrochrome producer in the United States. He joined Pittsburgh Metallurgical Co.

Airco Alloys in 1949, was named executive vice president in 1958 and served as president from 1962 to 1967. He held the position of corporate vice president of the parent company, Airco Inc., from 1967 to 1977, and in 1968, was named director of the Vargon A.B. Ferroalloy Plant in Vargon, Sweden.

In partnership with Satria Corp., Mr. McFarlane acquired Airco Alloy Division's ferrochromium plant in 1979, forming the McFarroll Corp. and serving as president of the company. He recently purchased Satria's interest in McFarroll. In 1982, he established Penn West Mineral Resources Inc., a firm providing management and consulting services to ferroalloy industries throughout the world.

Through his innovative approach to the production of ferroalloys, Mr. McFarlane has made many contributions to the alloys industry. He is a member of the American Iron and Steel Institute and of the Metallurgical Society of the American Institute of Mining, Metallurgical and Petroleum Engineers.

Shenango Campus award

R. Donn Townsend, instructor in general engineering at the Penn State Shenango Campus, has received the Shenango Campus Teaching Award.

Mr. Townsend, who has been a member of the Campus faculty since August 1984, received a bachelor's degree in mathematics from Goshen College and a master's degree in electrical engineering from Purdue University.

In addition to his teaching assignments, he serves as a math tutor. He has served the Campus on the Internal Assessment Committee for Strategic Planning and the EET Technical Advisory Committee, and is a member of the Faculty Senate Committee for Student Affairs.

The teaching award, first given in 1984 by the Campus Advisory Board, carries a cash award of \$300 and a commemorative plaque.

Focus on the arts

HUB exhibit

The State College Area School District Community Education Program pottery class, under the direction of Grace Pilato, is exhibiting clay pieces in the HUB Art Alley Cases at University Park Sept. 1-29.

This is the second consecutive year the Community Education pottery class has exhibited in the HUB. The show, titled "Clay in Process," includes a range of work from handbuilt and wheel-thrown pieces to combined forms. Firing techniques include oxidized wood and sawdust. The show includes a range of styles as well, from large wheel-thrown vases to intricate clay-marbled jewelry.

A reception, open to the public, will be held from 7 to 9:30 p.m. Sept. 7 in the HUB.

The arts on Channel 3

World-renowned director Helmuth Rilling conducts the New York Philharmonic Orchestra, the Gächinger Kantorei, Stuttgart choral ensemble, and a stellar line-up of soloists at Lincoln Center in the American premiere of "Messa per Rossini" airing at 12:30 p.m. Sunday, Sept. 2, on WPSX-TV.

"Northanger Abbey," Jane Austen's fanciful parody of the heavy-breathing romantic novels so dear to readers during her youth in the early 1800s, endures on *Masterpiece Theatre* as a single 90-minute presentation at 9 p.m. Sunday, Sept. 2.

Even those who have never actually read any of Isaac Bashevis Singer's books and stories can feel a kinship with the great Yiddish language writer, whose personality twinkles with wisdom, irony and charm.

The engaging author escorts viewers on a rare, intimate trip through some of his past and present haunts in "Isaac in America: A Journey with Isaac Bashevis Singer." The 60-minute film, which received an Oscar nomination in 1986, endorses on *American Masters* at 10 p.m. Mondays, Sept. 3.

Chambers exhibit

Sonopix Sonopex, an exhibition of recent paintings by Penn State alumnus Chester Davis, will be featured in Chambers Gallery at University Park from Sept. 4 through Oct. 5.

Mr. Davis' works are acrylic and enamel paintings on a square format that have been rotated throughout creation to avoid assigning a top or bottom to each piece until it was finished.

Mr. Davis received a bachelor of science degree in art education from Penn State in 1973, and a master of art education degree from the University of Hartford in 1980. He is the high school art instructor in the Shamokin area school district and a member of the Pennsylvania Department of Arts Education Advisory Committee.

Chambers Gallery is located on the second floor of the Chambers Building and is open daily, Monday through Friday.

Odyssey on WPSU

On Jack Mapane and the *Tasite*, the next episode of "Odyssey Through Literature," Leslie Hazleton, a visiting professor of English and a member of the P.E.N. American Center's Freedom to Write Committee, discusses with host Leonard Rubinstein the politics and poetry of Jack Mapane, imprisoned without charge in his home country of Malawi.

Says Professor Hazleton, "His aim was always, under the conditions of censorship, to provoke as far as he could in his poems without actually getting caught and sent to jail - which he realized, it is quite clear from some of what he's written, had to finally happen."

"Because not to provoke, not to fight against it is to allow the censors to control what you write, to control what is African culture."

"Odyssey Through Literature" is produced by the Department of Comparative Literature and arts

Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Baritone in recital

Baritone Richard Davis will present a recital at 8 p.m. Wednesday, Sept. 5, in the Recital Hall of the School of Music at University Park.

Pianist Robert Wilder will accompany Mr. Davis on a selection of songs and arias from the 18th through 20th centuries. Included in the program are two song cycles from "L'Horizon Chimérique," by Faure and "Four Songs," by Jean Berger, including poetry by Langston Hughes. Five songs by Liszt, a Handel oratorio aria and Ford's aria from Verdi's "Falstaff" complete the performance.

Craft Centre classes

The HUB Craft Centre, located in 312 Hetzel Union Building at University Park, is accepting registration for craft classes which start Sept. 10. There will be two sessions, lasting four to six weeks.

The Craft Centre offers a diverse selection of instruction for both adults and children. The children's classes are weekdays - after school on Saturdays. The adult classes are weekday evenings. There will be several workshops offered on Saturdays as well.

The classes will include weaving, pottery, stained glass, basketry, watercolor, drawing, and quilting, plus a workshop on pottery decorating techniques. For more schedule information, contact Isabel Farrell in the HUB Craft Centre at 312 HUB, or call 863-0611.

Jupiter Symphony

Named for Mozart's expansive composition, the Jupiter Symphony Orchestra is a fitting opening for Mozart 200, the new concert series from the Center for the Performing Arts.

Conductor Jens Nygaard will lead the ensemble in an exclusive Mozart program, including the favorite "Eine Kleine Nachtmusik," at 8 p.m. Friday, Sept. 14, in Schwab Auditorium at University Park.

A regular at Lincoln Center in Alice Tully Hall, the Jupiter Symphony made its New York debut in 1979 in a sold-out concert at Carnegie Hall. The 25-piece chamber orchestra, which also plays a varied classical and contemporary repertoire, has earned a reputation for musical clarity and innovative programming.

In addition to the concert, as part of Artistic Viewpoints series, Mr. Nygaard

enhancing and strengthening the role of two-year colleges in employment, training, and literacy.

Under the agreement, the Institute and NETWORK will explore the feasibility of various types of cooperative programs and partnerships, including degree programs in vocational

and harpsichordist Mary Alderice will give a free mini-concert and discuss the background of some of Mozart's earliest works written when he was a child. This special program for the audience will be at 7 p.m. Friday in Schwab Auditorium.

'Presence of Absence'

"The Presence of Absence: New Installations" is on display at the Palmer Museum of Art at University Park through Oct. 14.

"The Presence of Absence: New Installations" features contemporary installation works conceptualized by artists from around the country. Unlike other exhibitions, no art objects have been shipped to the museum for display. Instead, the installations will be recreated on-site by museum staff members according to the artist's specifications.

Dan Collins, one of the artists participating in the exhibition, will discuss his works at 8 p.m. Wednesday, Sept. 12, in the museum.

"The Presence of Absence: New Installations" is a traveling exhibition organized and circulated by Independent Curators Inc., New York, a non-profit traveling exhibition service specializing in contemporary art. Guest curator is Nina Felshin.

The exhibition, low-cost and easy to make possible, in part, by grants from the National Endowment for the Arts, the Lannan Foundation and Art Matters Inc. The exhibition at the Palmer Museum of Art is funded, in part, by the Pennsylvania Council on the Arts.

African dance classes

Myrna Munchus-Bullock's African dance classes are returning to the University for the 1990-91 academic year.

Introduction to African Dance and African Dance II are both being offered Fall Semester for two credits each. Introduction to African Dance meets from 11:15 a.m. to 12:05 p.m. on Mondays, Wednesdays and Fridays, and African Dance II meets from 4:30 to 5:45 p.m. on Mondays and Wednesdays.

Ms. Munchus-Bullock first came to the University as an artist-in-residence in spring 1990. The residency was sponsored by the Department of Exercise and Sport Science, the Black Studies Program and the Paul Robeson Cultural Center.

This year, her residency is supported by an EOPC grant, as well as by the Department of Exercise and Sport Science. Her duties will include working with the Nonmo Performing Arts Company, as well as teaching dance.

Institute forms new partnership

The College of Education and the Institute for the Study of Adult Literacy have formed a unique partnership with NETWORK-America's Two-Year College Employment, Training and Literacy Consortium. NETWORK consists of more than 300 of America's two-year colleges and has the mission of

enhancing and strengthening the role of two-year colleges in employment, training, and literacy.

Under the agreement, the Institute and NETWORK will explore the feasibility of various types of cooperative programs and partnerships, including degree programs in vocational

training and basic skills to be offered both by community colleges and by the College of Education; faculty exchange programs between Penn State and NETWORK schools; and the use of NETWORK campuses as research partners and test sites for materials developed at the Institute.

University Park Calendar

August 30 -- September 9

Special Events

Thursday, August 30
GSA, Organization Fair, 10 a.m.-4 p.m., 101 Kern.

Friday, August 31
Geog. Coffee Hour, 3:30 p.m., 319 Walker. Paul Simkins on "Hunting Wildflowers with Gun and Camera."
Late registration deadline: course drop/add deadline.

Monday, September 3
Labor Day holiday--no classes.

Tuesday, September 4
GSA, Recreation Festival, 10 a.m.-3 p.m., 101 Kern.
Graduate Program in Nutrition, 7 p.m., 112 Chalmers: Kenneth Weiss on "Diabetes and Related Problems in American Indians: Nutritional Diseases with an Evolutionary Explanation."

Wednesday, September 5
Bloodmobile, 10 a.m.-4 p.m., HUB Ballroom. Center for Women Students. Brown Bag Lunch Series, noon-1 p.m., 120 Boucke. Margaret Spear on "Issues of Women's Health Care." GSA, thesis workshop, 3:30 p.m., 112 Kern: 7:30 p.m., 101 Kern.
School of Music, 8 p.m., Recital Hall. Richard Davis, baritone.

Thursday, September 6
Board of Trustees meets at University Park, through Sept. 7.
Bloodmobile, 10 a.m.-4 p.m., HUB Ballroom. Bach's Lunch Concert, 12:10-12:30 p.m., Eisenhower Chapel.

Friday, September 7
Smeal College of Business Administration naming ceremony, 4 p.m., BAB lawn.
Geog. Coffee Hour, 3:30 p.m., 319 Walker. Deryck Holdsworth on Coping with Height.

Sunday, September 9
School of Music, 8 p.m., Recital Hall. Robert Hatten, piano.



'Private Slumber' by Rina Banerjee is on display in the HUB Art Alley from Sept. 23.

Public Radio

WPSU-FM 91.1
"All Things Considered" Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m. "Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m. "Odyssey Through Literature," 12:30 p.m. "Wednesday, with S. Leonard Rubinstein. "Perspectives," 6:30 p.m. "Wednesday, Creative License, 12:30 p.m. Thursdays, with Asa Berlin and Pam Saulnier."

Seminars

Thursday, August 30
Physics Colloquium, 3:30 p.m., SS Osmond Lab. Bernard I. Halperin, Harvard Univ., on Fractional Statistics.

Tuesday, September 4
Chemical Engineering, 2:45 p.m., Paul Robeson Cultural Center Aud.
Chemistry Colloquium, 3:30 p.m., SS Osmond Lab. Nicholas Winograd on "Surface Chemistry, with Ions, Beams and Lasers."
Geosciences Colloquium, 3:45 p.m., 112 Walker. Eric Barron on Mesozoic-Cenozoic Ocean Circulation.
Condensed Matter Physics, 4 p.m., 339 Davey Lab. Dr. Renee Diehl on "Structures and Phase Transitions in Alkali Metal Overlayers."

Thursday, September 6
Economics and Institute for Policy Research and Evaluation, 2:30 p.m., 101 Kern. N. Gregory Mankiw, Harvard Univ., on "A Contribution to the Empirics of Economic Growth."
Physics Colloquium, 3:30 p.m., SS Osmond Lab. Jeffrey Lannin on "Clusters on Surfaces: How are Small Systems Different."

Exhibits

Chambers Gallery
Chet Davis, paintings, through Oct. 5.

HUB Galleries
Browsing Gallery:
Alan Klein, photographs, through Sept. 23.
Art Alley Panels:
Rina Banerjee, oil paintings, through Sept. 23.
Art Alley Cases:
SCASD, adult pottery class exhibit, through Sept. 23.

Formal Gallery:
Spectacular Vernacular: Traditional Desert Architecture from West Africa and Southwest Asia, through Sept. 23.

Palmer Museum of Art
Selections from the Permanent Collection, through Oct. 7.
The Presence of Absence: New Installations, through Oct. 14.
The Machines of Leonardo da Vinci, through Nov. 4.

Pattee Library
West Lobby Gallery:
Permanent collection from the Arts Library, through Sept. 7.

Zoller Gallery
Shaughnessy-Greenberg Installations, through Sept. 30.

TIPS
Information Penn State
Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are listed in the front of the telephone directories. Other messages are Weather-234, Arts Line-345, University Calendar-456.

■ Reflects an international perspective

Bookshelf

Caroline D. Eckhardt, professor of English and comparative literature and head of the Comparative Literature Department, is the author of *Chaucer's General Prologue to the Canterbury Tales: An Annotated Bibliography 1900-1982*, published by the University of Toronto Press.

As the third volume in the Toronto Chaucer Bibliographies series, following upon two volumes by Russell A. Peck of the University of Rochester, the book provides a critical survey of modern scholarship on Chaucer's best known work.

Major trends in 20th-century literary criticism are reflected in the ways in which Chaucer has been interpreted. The book concentrates on material from Western Europe and the United States, although

items from as far away as Japan also are included.

Donna M. Hughes, instructor in women's studies, and **Clare M. Kristof**, writing assistant to the dean of the College of Engineering, co-edited an anthology of poems and writings by survivors of domestic violence. Rebecca A. Bennett, *Center Daily Times* editorial page editor, also co-edited the book.

Published by the Centre County Women's Resource Center, *Battered, Not Broken* features the works of 15 women from throughout the country. The autobiographical works describe the effects of violence in the lives of the women and their children. The writings reflect the struggle to survive and escape violence in the family.

The intent of the anthology is for the

poems and stories to convey a message of hope for other women and children who have been or are being abused.

Lori D. Ginzberg, assistant professor of history and women's studies, is the author of *Women and the Work of Benevolence: Morality, Politics and Class in the 19th-Century United States*, published by Yale University Press.

In her book, Dr. Ginzberg examines the broad spectrum of benevolent work performed by middle- and upper-middle-class women from the 1820s to 1885 and offers a new interpretation of the shifting political contexts and meanings of the tradition of women's reform activism.

During the years before the Civil War, she says, the idea of female moral superiority and the benevolent work it supported contained both radical and

conservative possibilities, encouraging an analysis of femininity that could undermine male dominance as well as guard against impropriety.

At the same time, benevolent work and rhetoric were vehicles for the emergence of a new middle-class identity, one that asserted that virtue -- not wealth -- determined status.

Dr. Ginzberg shows how a new generation that came of age during the 1850s and the Civil War developed new analyses of benevolence and reform. By the postbellum decades, the heirs of antebellum benevolence referred less to a mission of moral regeneration and far more to a responsibility to control the poor and "vagrant." This shift signaled the refashioning of the ideology of benevolence from one of gender to one of class.

Appointments

Donald T. Comer, director of engineering at Precision Micro Devices Inc., has been selected as the recipient of the Quentin Berg Endowed Professorship in Engineering and Technology at Penn State Harrisburg.

The Quentin Berg Professorship, established in 1988 by Mrs. Berg in remembrance of her husband, a Central Pennsylvania engineer and industrialist, will provide the Division of Science, Engineering and Technology with resources for teaching, research, and public service in engineering technology.

Dr. Comer received a Ph.D. from the University of Santa Clara, a master's degree from the University of California at Berkeley, and a bachelor's degree from San Jose State University.

His career has included positions with Analog Devices Inc., Microdesign Associates, Storage Technology Corp., Precision Monolithics Inc., Mobility Systems Inc., IBM Corp., and San Jose State University. He is the author of numerous publications and holds 16 U.S. patents.

Turgay Ertekin, professor and section chair of Petroleum and Natural Gas Engineering in the College of Earth and Mineral Sciences, has been named the Quentin E. and Louise L. Wood Fellow in Petroleum and Natural Gas Engineering.

The Wood Fellowship was endowed by a \$100,000 gift from Quentin Wood, a 1948 graduate in petroleum and natural gas engineering, and his wife Louise, a 1954 graduate in arts and letters.

Dr. Ertekin is the first holder of the Wood Fellowship and carries out research in numerical modeling and reservoir engineering. He has made significant contributions to such areas as enhanced oil recovery and unconventional gas recovery.

Part of the income from the endowment may be used to support graduate assistants, research expenses, education and travel expenses.

Mr. Wood is chairman of the board of Quaker State Corp. and member of the Penn State Board of Trustees since 1976. He served as president of the Board of Trustees from 1979 to 1981.

Gary W. Gallagher, an associate professor of history nationally recognized for his efforts to conserve Civil War battlefields,

has been named head of the History Department.

Since 1987, Dr. Gallagher has been president of the Association for the Preservation of Civil War Sites, a national organization with a membership of 1,700 and a 12-person board. He also serves on the advisory board for the Conservation Fund Project on Civil War Battlefield Preservation.

Dr. Gallagher joined the University faculty as an assistant professor in 1980 and was promoted to associate professor in 1989.

He recently edited *Fighting for the Confederacy: The Personal Recollections of General Edward Porter Alexander* (University of North Carolina Press). The book was selected as "The Editor's Choice" by the History Book Club and was winner of the 1990 Douglas Southall Freeman Prize.

His other books include *Antietam: Essays on the 1862 Maryland Campaign* and *Stephen Dodson Ramser, Lee's Gallant General*.

Dr. Gallagher received a bachelor's degree from Adams State College, a master's degree from the University of Texas at Austin and a doctorate from the University of Texas.

Melissa Grimm has been named coordinator of the Brodhead Cultural Center at the Penn State Beaver Campus. She replaces **Amy M. Krebs**, who now serves as director of university relations at the campus.

Mrs. Grimm is a Penn State graduate with a bachelor of science degree in elementary education and a minor in English. Prior to joining the campus staff, she worked in planning and coordinating a variety of cultural events, conferences, speakers services, and fundraising and community service projects.

She currently is a member of the Pennsylvania Local Arts Network, Association of Performing Arts Presenters, and the board of directors of the Greater Beaver Valley Cultural Alliance. At the campus, she is chair of the Strategic Planning Committee's Community Relations group and a member of the Child Care Task Force.

Ms. Krebs, a Penn State graduate with a bachelor of arts degree in general arts and sciences, has served as coordinator of the

Brodhead Cultural Center for 10 years. She is a member of the College and University Public Relations Association of Pennsylvania, Council for the Advancement and Support of Education, Executive Women's Council, and the board of directors of the Greater Beaver Valley Cultural Alliance.

Her Beaver Campus activities include membership on the Campus Executive Officer's Council, Strategic Planning Development Committee, and the Brodhead Cultural Center Oversight and Advisory Council.

Kathryn M. Grossman, associate professor of French, has been named head of the Department of French.

A University faculty member since 1973, Dr. Grossman served as associate head of the department in 1989-90.

From 1985 to 1987, she was University Fulbright Program adviser, Office of International Programs. From 1983 to 1987, she was faculty specialist and associate director for academic affairs, Office of Education Abroad Programs. In 1982-83, she was acting assistant dean of liberal arts for the Commonwealth Educational System.

As a scholar, Dr. Grossman combines her specialization in Victor Hugo's prose fiction with interest in theory of metaphor and utopian studies.

Her publications include *The Early Novels of Victor Hugo: Towards a Poetics of Harmony* (Droz, 1986) and numerous articles on the political and aesthetic sublime in Hugo and other post-Romantic writers, such as Dickens, Orwell and Zamyatin.

Dr. Grossman holds a bachelor's degree in French from Bryn Mawr College and a doctorate in Romance languages from Yale University.

Michael A. Smyer, associate dean for research and graduate studies in the College of Health and Human Development, has been named to chair the University's International Council.

The International Council guides the University Office of International Programs and forms a link between the Office of International Programs and the Office of the President. Its members represent major units of the University, including the colleges, the Commonwealth Educational

System, the University Libraries, the Graduate School, the Graduate Student Association, the Undergraduate Student Government, and the International Student Council.

Under Dr. Smyer, the International Council will deal with such issues as inclusion of international programs in the University's fund-raising efforts, internationalization of the curriculum, inclusion of faculty members' international activities in promotion and tenure considerations, and strategic planning for the University's international efforts.

In the College of Health and Human Development, Dr. Smyer is responsible for international efforts in research and resident instruction; he has represented the college on the International Council for the last two years. His own international experience includes a Kellogg Foundation fellowship through which he studied health care and aging in developed and less developed nations.

Deb Walsh has been appointed communications specialist to fill the newly created position in Housing and Food Services.

She is responsible for promoting the accomplishments of Housing and Food Services, marketing Housing and Food Services, developing media relations and coordinating communication among University Park and several other campuses.

Most recently, she served as director of marketing and community relations for Olean General Hospital in Olean, N.Y. She also was director of public relations for two years at Brookville Hospital in Brookville.

She has worked as an advertising consultant and representative for Great Circle Broadcasting in Meadville, and spent two years as the youth market manager and special market development manager for Coca-Cola Bottling Co.

Ms. Walsh is a 1984 graduate of the University of Pittsburgh at Johnstown where she earned a B.S. in journalism with minors in marketing and computer science. She recently completed graduate work at Clarion University of Pennsylvania in the mass communication program and plans to continue graduate work at Penn State.



Gary W. Gallagher



Melissa Grimm



Amy M. Krebs



Kathryn M. Grossman



Michael A. Smyer

Penn Staters

Ralph Smith, assistant professor of leisure studies, has been elected second vice president of the National Wheelchair Basketball Association.

Robert E. Newham, Alcoa professor of solid state science at the Materials Research Laboratory, has been named "Ceramic Educator of the Year" by the American Ceramic Society.

Rustum Roy, Evan Pugh professor of the solid state and director, Science Technology and Society Program, was honored with a symposium organized by the Materials Research Laboratory The Science Behind Materials Synthesis symposium brought together scientists from around the world to honor the founder of the MRL.

David B. Van Dommelen, professor emeritus of art education and fiber arts, has been selected for the honor roll of craftspeople who have contributed to the development of handweaving in this country from 1920 to 1980 by *Handweaver Magazine*.

Steven H. Zarit, professor of human development, presented two papers titled, "The Meaning of Memory Impairment in the Oldest Old" and "Dementia and Cognitive Impairment in the Oldest Old: A Comparison of Two Rating Methods" at the Nordic Gerontology Conference in Reykjavik, Iceland.

H. Reginald Hardy Jr., chairman of the geomechanics section and director of the Penn State Rock Mechanics Laboratory, has been named a member of the International Advisory Board for the 19th International Symposium on Acoustic Emission at Tohoku University, Sendai, Japan, Oct. 22-25. Dr. Hardy also will serve as co-chairman of the second International Workshop on Acoustic Emission and Rock Fracture Mechanics to be held at Kumamoto University, Kumamoto, Japan, Oct. 29-31.

Dorothy V. Harris, professor of exercise and sport science, has been inducted into the James Madison University Sports Hall of Fame.

Bob Intieri, P.G.A. Master Professional and manager of the Penn State Golf Courses, has been selected for special recognition in junior golf promotion by *Golf Shop Operations* for his efforts and success in promoting junior golf participation and instruction.

Susan L. Kennedy, associate director for health promotion and education, University Health Services, has been elected secretary of the Health Education Section of the American College Health Association.

Randy Ploog, assistant curator of the Palmer Museum of Art, was one of three jurors for the 58th annual Cumberland Valley Artists Exhibition at the Washington County Museum of Fine Arts in Hagerstown, Md.

Monika Zechemayr, professor of exercise and sport science at the DuBois Campus, discussed her research on wellness and employee assistance programs, and health care cost issues at the University of Munich Sport Center and Technische Universität, the Continuing Education Center in Kempen, West Germany, and the Senior Citizen Center Hoeflympark in Kempen.

Lewis C. Attardo, director of the Ben Franklin Technology Center at Penn State Harrisburg, presented an invited paper, "An American Approach to Enterprise Development in the 1980's," and the keynote address, "Entrepreneurial Support Policies in the U.S.," at the Conference on Small and Medium Enterprise Innovation and Entrepreneurship for Strengthening Intra-European and International Cooperation in Trieste, Italy.

John A. Brighton, dean of the College of Engineering, and **Ernest R. Weidhaas**, professor emeritus of engineering graphics, have been named fellows of the American Society for Engineering Education. ASEE Fellows are recognized for outstanding contributions and service to engineering education.

Peter Dean, assistant professor of education, has been appointed to the International Board of Standards for Training, Performance, and Instruction.

Fighting for the Confederacy: The Personal Recollections of General Edward Porter Alexander, edited by **Gary Gallagher**, associate professor of history, has received the 1990 Douglas Southall Freeman Award. The Douglas Southall Freeman Award, given annually by the Military Order of the Stars and Bars to the best work on Southern history, is named for the premier historian of Robert E. Lee and the Army of Northern Virginia.

Howard G. Knuttgen, director of the Center for Sports Medicine, has been elected to the Executive Committee of the International Federation of Sports Medicine. The federation includes the national sports medicine organizations of 83 nations.

David J. Lindstrom, coordinator of the Office of Emergency Medical Services, University Health Services, has received the Walter J. Thompson Award from the Pennsylvania Emergency Health Service in recognition of "dedicated

service and superior accomplishment in the field of emergency medical services."

E. Willard Miller, professor of geography and associate dean for resident instruction emeritus in the College of Earth and Mineral Sciences, has received the 1990 Honors Award of the Association of American Geographers.

Donna Rogers, assistant professor of Spanish, gave a paper titled "Legal Terms in Eximenes' Regimiento de la cosa publica" at the sixth Colloquy of the North American Catalan Society at the University of British Columbia in Vancouver.

Wilbur Zelinsky, professor emeritus of geography, presented an address titled "Is the Urban-Rural Dichotomy Withering Away? The American Case" during a plenary session of the 14th European Congress of Rural Sociology at the Justus-Liebig University in Gießen, Germany.

Marie Bednar, head of Bibliographic Support Services, University Libraries, presented an invited lecture, "Automation in U.S. Libraries" at the School of Librarianship and Information Science, Charles University, Prague, Czechoslovakia.

Gordon W. Blood, associate professor of communication disorders in the College of Health and Human Development, has been elected a Fellow of the American Speech-Language-Hearing Association.

Elsworth R. Buskirk, Marie Underhill Noll professor of human performance and director, Noll Laboratory for Human Performance Research, has been named to a two-year term on the clinical sciences study section of the National Institutes of Health.

William J. Duiker, professor of East Asian history, presented a paper at a conference on the Vietnamese revolutionary Ho Chi Minh, held in Passau, West Germany. Dr. Duiker has received a grant from the Social Science Research Council to write a biography of Ho Chi Minh.

Luis F. Gonzalez-Cruz, professor of Spanish, Penn State New Kensington Campus, served as a critic and moderator for the Fifth International Hispanic Theater Festival held in Miami. Dr. Gonzalez-Cruz also was official evaluator of the festival for the Florida Endowment for the Humanities. He received a special recognition award for his participation in the festival.

David J. Green, associate professor of materials science, presented "Mechanical Behavior of Lightweight Ceramics to the United States/Korea Joint Symposium on Recent Progress in Technical Ceramics in Seoul, South Korea.

Frank B. Guadagnolo, associate professor of leisure studies, presented a paper titled "Application of Importance-Performance Analysis in the Evaluation and Marketing of Golf Operations" at the First World Scientific Congress of Golf at the University of St. Andrews in Scotland.

Kathryn E. Hood, associate professor of human development, presented a talk titled "Sex-related Changes in Aggressive Behavior Over the Life Span of Selectively Bred Mice" at the annual meeting of the International Society for Developmental Psychology in Cambridge, England.

Elmer E. Klaus, professor emeritus of chemical engineering and principle investigator with the University's Center for Advanced Materials, has been elected a Fellow of the American Society of Chemical Engineers and has been appointed a member of the International Tribology Council. Dr. Klaus also was elected to the board of trustees of A Computerized Tribology Information Service.

William J. Kraemer, director of research, Center for Sports Medicine, has received the Executive Director's Award for Outstanding Work in the development of the Performance-Enhancing Substance Abuse Committee and its work with the NCAA. The award was presented by the National Strength and Conditioning Association.

Archie Loss, professor of English, Penn State Erie, The Behrend College, presented a paper on "The Automobile in American Literature: Directions for Research" at the Popular Culture Association in Toronto, Canada.

John A. Lucas, professor of exercise and sport science, made a presentation titled "Women and the Olympic Movement: The 52 Percent Solution" at the 30th International Olympic Academy in Olympia, Greece.

Gary L. Messing, professor of ceramic science, made a presentation at a workshop on Sol-Gel Processing of Glasses and Ceramics at the University of Sao Carlos, Brazil.

Elizabeth J. Susman, professor of human development and nursing in the College of Health and Human Development, has been elected to the Academy of Behavioral Medicine Research.

Partings

Sheldon R. Gelman, professor of social work, has retired after 21 years of service. He has been appointed Schachne Dean of the Wurzweiler School of Social Work at Yeshiva University in New York City.

For the past 12 years, Dr. Gelman was director of the social work program in the Department of Sociology. One of his key research interests has been bioethics, which deals with the granting or withholding of medical treatment to save lives.

In 1986, he was appointed a national adviser to the National Resource Institute for Children with Handicaps, a part of the University of Washington's Child Development and Mental Retardation Center. In addition, he was appointed to the statewide steering committee of the Pennsylvania Elder Abuse Prevention Project.

He has been a consulting editor for *Mental Retardation*, a publication of the American Association on Mental Retardation, and the Journal of Social Work Education, published by the Council on Social Work Education.

Dr. Gelman, a Fellow of the American Association on Mental Retardation, has published numerous academic papers on social legislation and policy affecting the mentally retarded. In 1974, he received the Rosemary F. Dybwad International Award from the National Association of Retarded Citizens.

A native of Pittsburgh, Dr. Gelman received his bachelor's degree in physiology and his master's degree in social work from the University of Pittsburgh, a master's in

law from Yale University Law School and a doctorate in welfare planning from the Heller School of Brandeis University.

Patricia L. Long, senior extension agent in Westmoreland County, has retired after 30 years service.

Ms. Long codirected the Family Living Program and administered the Expanded Foods and Nutrition Education Program.

She graduated from Carlow College in Pittsburgh in 1952 with a degree in home economics education. Before coming to Penn State, she was a home economics teacher in the Pittsburgh public school system and a home service representative for the Equitable Gas Co. in Pittsburgh. She first joined Penn State Cooperative Extension as an assistant agent in Allegheny County. In 1963 she was promoted to extension agent in Westmoreland County, and in 1977 to senior extension agent, the highest rank that can be attained in county extension work.

Ms. Long received a Distinguished Service Award from the National Association of Extension Home Economists in 1971 for expanding programs in nutrition and homemaking among low income black women in urban areas, and for developing leadership in 4-H home economics clubs. In 1987 she received the State Distinguished Service Award from Epsilon Sigma Phi, the national honorary extension fraternity.

She served as president of the Pennsylvania Association of Extension Home Economists and as treasurer of the



Sandra S. Smith

National Association of Extension Home Economists.

Now that she is retired, she plans to enjoy her home and family. She and her husband, William, own a 27-acre hobby farm in Greensburg with a large garden, flowers and some animals.

Sandra S. Smith, secretary in the Office of Academic Services, has retired after 25 years of service.

In 1965 Ms. Smith began working as a secretary in the College of Science, and in 1973 she was a secretary for the College of Education.

Later as the secretary for the assistant

vice president of academic services, Ms. Smith dealt with the scheduling of courses changing the schedule, changing course credit amounts and determining the number of students in the courses. More recently, she has worked with personnel issues.

"In the fall I'll plan to get a part-time job because I've worked all my life," she said. She also plans to open a craft shop in the Centre Hall area.

Ralph W. Stoner, supervisor of dairy production research in the College of Agriculture dairy barns, has retired after 42 years service.

Mr. Stoner was responsible for managing equipment at the dairy barns. "I was born and raised on a farm and I always liked working around cows," he said. "I enjoyed my job. I'll miss the guys I worked with."

Mr. Stoner has a twin and one other brother, both retired from the College of Agriculture. "Together, the Stoners worked at Penn State over 100 years," he said.

His retirement plans include hunting, traveling, and visiting his five children.

Paul E. Beard, senior biomedical fabrication technician at Hershey, from Jan. 2, 1980, until June 30.

John H. Joseph, assistant professor of educational technology and multi-media journalism at Penn State Harrisburg, from July 1, 1965, until July 1.

Paul K. May, secretary, C. Agriculture, from Nov. 1, 1964, until June 30, 1966, and from Jan. 21, 1974, until Aug. 1.

Faculty/Staff Alerts

Affirmative Action notice

The Affirmative Action Office is responsible for the coordination of compliance with the requirements of Section 503. If you are a handicapped individual and would like to be considered under the affirmative action program, please contact the Affirmative Action office at 814-863-0471.

The Pennsylvania State University is a government contractor subject to Section 503 of the Rehabilitation Act of 1973, which requires government contractors to take affirmative action to employ and advance in employment qualified handicapped individuals.

If you have a physical or mental impairment, a record of having had such an impairment or are regarded as having an impairment that substantially limits your ability to select, retain or advance in employment, the Affirmative Action Office would like to include you under the Affirmative Action Compliance Program.

This identification will assist in proper placement and appropriate accommodations if an employee will describe (1) any special methods, skills or procedures which qualify you for jobs that you might not otherwise be able to do because of your impairment, so that you may be considered for any

position of that kind, and (2) possible accommodation which could be made which would enable you to perform the job properly and safely.

The Affirmative Action Office also will aid in "identifying" individuals requiring assistance in the interest of life safety for the development and execution of emergency evacuation in all buildings of The Pennsylvania State University, at all locations. Compliance is on an individual, voluntary basis.

Submission of this information is voluntary and refusal to provide it will not subject an employee to discharge or disciplinary treatment. Information obtained concerning individuals shall be kept confidential, except that (1) supervisors and managers may be informed regarding restriction on the work duties of handicapped individuals, and regarding necessary accommodations, (2) first aid and safety personnel may be informed when and to the extent appropriate, if the condition might require emergency treatment and (3) government officials investigating compliance with the Act shall be informed.

Computers for faculty use
Faculty members at University Park are

reminded that personal computers and projection devices are now being made available for use in general-purpose classrooms.

The computers are for use by faculty as teaching tools and are not available for student use. At present, there are IBM PS/2 8550 and Macintosh Ilex computers and data plates for projection. Because of the limited number of computers, they will be available only in Willard, Chambers, and Forum buildings. There is also a high-resolution color graphics projector available for use by classes in the Forum Building.

The computers can be scheduled now by contacting Audio-Visual Services at 865-5400.

If your interest is in future use, please inform your departmental room scheduling coordinator so that he or she can inform the Registrar's Office to schedule your classes in those buildings or rooms that have computer capabilities.

Savings Bonds

The Department of the Treasury recently announced that effective Oct. 1, \$50 and \$75 denominations of Series EE Savings Bonds will no longer be available for purchase through payroll savings plans. The

minimum denomination for all payroll savers beginning Oct. 1 will be \$100 which has a purchase price of \$50.

The \$50 and \$75 bonds have not been available to new payroll purchasers since February 1988. However, because a number of faculty and staff previously selected these amounts, Penn State was able to continue ordering these denominations for them. Beginning with money deducted during the month of September 1990, this practice will no longer be permitted by the Department of the Treasury.

Any member of the faculty or staff who is receiving either \$50 or \$75 bonds will be receiving bonds at irregular intervals. This can be avoided if a new authorization card adjusting the deduction to an amount that would result in the monthly issuance of future bonds is submitted to Payroll.

Enrollment in payroll savings of U.S. Savings Bonds and/or changes in future deduction amounts are not limited to any one time of the year. The semiannual market-based interest rate in effect through Oct. 31 is 7.01 percent. Savings Bonds semiannual rates are changed each May 1 and Nov. 1 to reflect market activity during the preceding six months.

University executive alumni increase aids ranking

Pennsylvania's major universities have moved from fifth to fourth place in producing U.S. business executives, due largely to a surge in executive alumni ranks at Penn State, according to Standard & Poor's 1990 Executive College Survey.

The standings are based on the number of executives graduated by five major schools in each state.

Pennsylvania's five top universities -- Penn (1,781 executive alumni), Penn State (771), Pitt (568), Lehigh (389) and Temple (350) -- produced a total of 3,865 alumni executives.

"Helping the Keystone state's rise," the S&P report noted, "was a gain among executive alumni ranks at Penn State.

which went from 740 three years ago (1987) to 771 in 1990."

New York state ranked first with 6,926, followed by Massachusetts, 6,811, and Illinois, 3,981. California, with 3,838 alumni executives, rounded out the top five.

These five states accounted for nearly half of the S&P report said.

"Penn State should continue to strengthen Pennsylvania's ranking, as our strong MBA program continues to produce more and more alumni," J.D. Hammond, dean of the Smell College of Business Administration, said. "Moreover, our undergraduate program continues to supply

talented graduates to corporate America and small businesses as well.

Within Pennsylvania, Penn State ranked second in undergraduate alumni executives with 652 graduates and ranked fourth in graduate program executives with 119. Penn State began its MBA program in 1959, made major changes in 1975 and expanded its size in the early 1980s. Currently, the MBA program graduates about 160 students per year, Dean Hammond said. In 1990 it was ranked 20th in the nation in a qualitative survey by U.S. News & World Report and eighth among programs at public universities.

The S&P study also said that two prestigious groups of universities, the Ivy League (eight private institutions) and the

Big 10 (formerly nine public and one private institution) together account for 23,151 business executives.

Penn State, which recently was invited to join the Big 10, would rank ninth of the 11 institutions that now compose that conference.

In other rankings, the Commonwealth of Pennsylvania ranked fourth (4,293) in providing the current residence of U.S. business executives and second (5,473) in providing their state of birth.

25-year award

Donald J. Thompson, materials procurer/expediter, Office of Physical Plant.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304). Applications for these staff vacancies will be accepted until Sept. 6. DO NOT CONTACT THE AREA THAT HAS THE VACANCY.

Applications for staff vacancies are considered in accordance with Fair Employment practices (PJI) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

***00886, Audit Manager, Corporate Controller, University Park Campus** -- Responsible to the assistant university auditor for conducting audits to appraise extent of compliance with the University policies and procedures, adequacy and reliability of records and management information reports, soundness and adequacy of accounting, financial and other operating controls, and safeguarding of assets within any of the diverse operational, financial, and

administrative functions of the University. Requires bachelor's degree, or equivalent in accounting or related field plus three to four years of effective experience in public accounting. STAFF GRADE 8

***00887, Computer Support Assistant, College of Education, Dean's Office, University Park Campus** -- Provide support to staff and clerical employees in the use and maintenance of various computers and software packages; provide and coordinate IBS training; maintain software library and site license records. Requires associate degree, or equivalent, in computer technology or related field plus one to two years of effective experience. Knowledge of DOS/Macintosh applications required. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991. WITH GOOD POSSIBILITY OF RE-FUNDING. STAFF GRADE 4.

***00888, Curriculum Development Specialist, Undergraduate Education, Instructional Development Program, University Park Campus** -- Responsible to the director, Instructional Development Program, for developing, coordinating, and conducting curricular development programs for faculty, and for providing consultation to departments and faculty in developing new courses in

areas as writing course objectives and integrating initiatives such as cultural diversity and writing across the curriculum. Requires master's degree, or equivalent, and up to one year of effective experience in curriculum development. A doctorate is preferred. STAFF GRADE 6.

***00889, Neurophysiology Technician, University Hospital, Medicine, Ancillary, The Milton S. Hershney Medical Center** -- Responsible to the coordinator, Neurophysiology Laboratory, for conducting a variety of clinical neurophysiology studies and tests, including rotations through the Epilepsy Monitoring Unit (EMU) and operating room. Requires high school diploma, or equivalent, completion of department approved formal training in clinical neurophysiology laboratory and eligible for Part I examination of ABREPT plus one to two years of effective experience. STAFF GRADE 4.

***00891, Transplantation Coordinator, College of Medicine, Nursing Administration, The Milton S. Hershney Medical Center** -- Responsible to the director, Transplantation Services, of the appropriate clinical department and the appropriate assistant director of nursing for providing assistance to the physician in the evaluation, care and education of

transplant patients and their families. Requires bachelor's degree, or equivalent, in nursing (RN licensure required) or certification as a physician's assistant, plus three to four years of effective experience in the delivery of patient care. Master's degree in nursing or other related field preferred. STAFF GRADE 7.

***00892, Educational/Vocational Counselor -- Nontraditional Students, CES, Continuing Education, McKeesport Campus** -- Responsible to the director, Continuing Education, McKeesport Campus, for coordinating and providing academic, educational, and vocational counseling programs for nontraditional students in the campus service area. Requires master's degree, or equivalent, in counseling, psychology, or related field, plus one to two years of effective academic counseling and advising experience. Knowledge of computers desirable. Evening and weekend hours required. STAFF GRADE 7.

***00893, Programmer, Pennsylvania State Park Campus, Penn State Harrisburg** -- Responsible to the designated project coordinator to participate in analysis, program design, coding, testing, documenting and other programming tasks required to produce reports, create logic statements, and

maintain information files. Requires bachelor's degree, or equivalent, in computer science or related field, plus six to nine months effective experience in computer programming. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991. WITH GOOD POSSIBILITY OF RE-FUNDING. STAFF GRADE 5.

***00896, Supervisor, Athletic Recreation Operations, Administration, Delaware County Campus** -- Responsible to the director, Student Programs and Services, and the director of academic affairs for scheduling facilities and personnel for special events, athletic, recreational, and instructional programs. Requires associate degree, or equivalent, in physical education, recreation or related field plus two to four years of effective experience in athletics and student recreation, or a bachelor's degree and less experience. National Athletic Training Association certification and training license required. Red Cross certification in CPR and first aid instruction required. THIS IS A FIXED-TERM POSITION FUNDED FOR TWO YEARS -- 10 MONTHS EACH YEAR. THIS IS A RE-ANNOUNCEMENT OF THE POSITION ANNOUNCED ON 7/26/90. STAFF GRADE 5.

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William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

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FACULTY/STAFF AWARDS

University faculty and staff award recipients are featured on page 5.

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Volume 20, Number 3

Presidential Portrait

Three past presidents of Penn State pose in front of Old Main with Joab L. Thomas, the University's 15th president, who officially began his duties Sept. 1. From left are John W. Oswald, president from 1970 to 1983; Eric A. Walker, 1956 to 1970; Dr. Thomas, and Bryce Jordan, 1983 to 1990. (Photo: Scott Johnson)



Focus on Diversity

Second annual Festival of Cultures set for Sept. 15

Music, dance, ethnic foods, crafts and children's activities will be highlighted as Penn State and the Centre Region community host their second annual Festival of Cultures Sept. 15.

The event, organized by Centre Region Council of Governments, local residents and the University, will take place in State College at the Central Parklet, located behind the Fraser Street Post Office from 10 a.m. to 7 p.m.

The festival is intended to provide a fun way of bringing together people from different backgrounds to learn about each other's cultural heritage and celebrate the area's diversity. It will feature many types

of food, fashion, art, crafts, dance and children's games.

"The support and participation we received for last year's festival was more than we imagined," Jim Steff, planning committee co-chair and COG executive director, said. "This year we hope it will be even more successful."

Food highlights involve an expansion from one cooking contest last year to two this year. They are the chili challenge sponsored by the Native American Indian Student Association, and a Buffalo chicken wing cook-off which is a contest between local restaurants including: La Bamba, State College Hotel, Spats, the Gingerbread Man,

Stoney's Posthouse Tavern and Cafe 210 West.

"The Festival of Cultures is an excellent opportunity to bring people together from different backgrounds to learn about each other's cultural heritage and to celebrate our area's diversity. By providing this day in the park, we hope to generate excitement, understanding, appreciation and acceptance of local diversity and pluralism among local residents and University students," Tony Jones, planning committee co-chair and account executive at Cellular One of Centre Region, said.

Musical highlights will include performances by local groups Passport and

Earthtones. Other attractions will be Black Greek fraternity and sorority step shows, an open forum and a performance by the Interlandia Dance Co.

"We think the Central Parklet is an ideal location, because it's close to the University campus, State College residential areas and parking facilities for other Centre Region residents," Mr. Steff said. "We hope this beautiful park setting will make it easy and enjoyable for many to attend."

"We hope that the activities at this event will open the way for new levels of cross-cultural interactions and understanding that may enhance the lives of many."

Health and Human Development sponsors diversity workshop

The College of Health and Human Development will sponsor a workshop on cultural diversity in the classroom from 1 to 4:30 p.m. Thursday, Sept. 13, in the Nittany Lion Inn.

A committee of Health and Human Development faculty has planned the workshop to provide the college's faculty an opportunity to learn how cultural diversity issues can be integrated into the classroom.

Faculty who have integrated cultural diversity into the classroom successfully will make presentations; students will discuss their classroom experiences, and faculty with similar interests, including faculty from other colleges, will participate in group discussions.

Jerry B. Covert, associate dean for undergraduate programs, will give the keynote address on "The Importance of

Curriculum Integration." W. Terrell Jones, special assistant to the provost for underrepresented groups, will speak on "Classroom Climate."

Susan C. Yount, associate director of the School of Nursing, will moderate the faculty panel, and Patrick Moore, associate director of the School of Hotel, Restaurant, and Institutional Management, will moderate the student panel.

The discussion groups will explore ways of integrating courses, both in content and in teaching style; areas of various academic fields that lend themselves to curriculum integration and areas that make integration more challenging; possible resistance to, curriculum integration, and teaching techniques that could make classroom experiences more meaningful to a diverse audience.

Diversity Opportunities Calendar

Thursday, Sept. 13

EOPC, Department of Human Development and Family Studies, 8 p.m., HUB Assembly Room, Rhonda Rivera, Ohio State University, on "Lesbians and Gay Men and the Law: Issues for the 1990s."

WPSX-TV program

Tony Brown's Journal, airing at 11:30 a.m.

Sunday, Sept. 9, on WPSX-TV, looks at the "Chicago Black Expo."

The wealth of the African-American consumer is the focus of this edition, broadcast from the Chicago Black Exposition. The Rev. Bernard Taylor, executive officer of the Expo, and Chicago entrepreneur Cirilo McSweeney discuss the objectives of the three-day event, black economic development and the power of black consumers.

Saturday, Sept. 15

Penn State and Centre Region community, 10 a.m. to 7 p.m., Central Parklet, behind the Fraser Street Post Office. Second annual Festival of Cultures featuring music, dance, food and crafts.

Forum officers are elected for 1990-91

Recently elected 1990-91 officers of the Forum on Black Affairs at the University are Deborah Atwater, president. Gary Kelsey, president-elect; Janice Forrest, secretary, and Lawrence Young, immediate past president.

Any Penn State student, faculty or staff member is invited to join the Forum on Black Affairs. For more information, contact William Covington at 863-3108.

Lecture series to focus on lesbian and gay life

Six activists and scholars will visit University Park as speakers in the second annual lecture series on contemporary scholarship on lesbian and gay lives.

The lectures, sponsored by the Equal Opportunity Planning Committee and the Department of Human Development and Family Studies, will examine the historic, political and cultural contexts of lesbian and gay life in America.

Rhonda Rivera, professor of law at Ohio State University College of Law, will open the series with "Lesbians and Gay Men and the Law: Issues for the 1990s" at 8 p.m. Sept. 13 in the HUB Assembly Room.

A member of both the Michigan and Ohio bar associations, Ms. Rivera has written widely on the legal issues of sexual orientation and AIDS as well as on labor

arbitration. She has been a visiting professor at the University of Toledo Law School and has served as assistant dean of the University of Michigan Law School.

Currently, Ms. Rivera is serving on the President's Advisory Council on Institutional Priorities at Ohio State and the university's Affirmative Action Council. She is president of the Ohio Human Rights Bar Association and a speaker for the Columbus AIDS Task Force.

Other scheduled lectures are: "Coming Out Under Fire: Lesbians and Gay Men in WW II," historian and activist Allan Berube, Oct. 22; "Beyond Homophobia: Learning from American Indian and Asian-Pacific Cultures," University of Southern California anthropologist Walter L. Williams, Oct. 29; "From Twice Cursed to

Twice Blessed: Constructing a Jewish Lesbian and Gay Identity," activist and former director of New Jewish Agenda Christie Balka, Jan. 21; Growing Up Lesbian and Gay in the South, James T. Sears, who is in educational leadership and policies at the University of South Carolina, March 25, and In the Life: The Courage of Lesbians and Gay Men of Color, Barbara Smith, co-founder of Kitchen Table: Women of Color Press, April 11.

The 1990-91 Contemporary Scholarship on Lesbian and Gay Lives lecture series is co-sponsored by the Black Studies Program, the Center for Women Students, the Paul Robeson Cultural Center, the School of Communications and the Women's Studies Program.

Minority students take part in program

Seven Pennsylvania high school seniors spent a part of their summer vacation gaining experience in agricultural research and learning about college life as part of the Minority Students Apprenticeships in Agriculture program.

The apprenticeship program, which aims to recruit minority students, is a six-week summer study sponsored by the University, the College of Agriculture and the U.S. Department of Agriculture.

"Our objective is to show young people the variety of opportunities and programs available in agriculture and higher education," William Henson, assistant to the dean for minority affairs in the College of Agriculture, said.

Appointment of two Administrative Fellows announced

The Office of the President and the Commission for Women have announced the appointment of two Administrative Fellows.

Edith C. Bender, manager of systems engineering, Management and Systems Engineering Department, will serve under the mentorship of Steve A. Garban, senior vice president for finance and operations. **Nancy L. Herron**, head librarian at the Penn State McKeesport Campus, will serve under the mentorship of Charles L. Hosler, acting executive vice president and provost of the University.

Ms. Bender, a Penn State graduate with a B.S. degree in computer science, joined the University staff in 1973 as supervisor of computer operations for the University Libraries. She moved to Management and Systems Engineering as a systems analyst in

1976; was named senior systems analyst in 1978, and appointed to her present position in 1982.

At the University, she has participated in a number of University-wide initiatives, including the planning and development of IBIS (Integrated Business Information System), EASY (Electronic Approval System), and the revision of AD4, the University policy dealing with the acquisition of computing equipment. She also has been involved in various projects of GUIDE, an IBM users group.

In the community, she is active in the Mount Nittany United Methodist Church. Dr. Herron, a graduate of Indiana University of Pennsylvania, received a master of library science degree and Ph.D. from the University of Pittsburgh.

She taught high school English in the

Franklin Regional School District and was director of library services at the Delmont Public Library and Wilkensburg Public Library before becoming head librarian at the McKeesport Campus in 1984.

She has served on a number of campus committees, including the United Way Committee, Faculty Organization Representative Council, Budget Committee, Disciplinary Hearing Board, Strategic Planning Committee, Classroom Improvement Committee, and the Campus Computer Committee.

A member of the American Association of University Women, she also is a member of the American Library Association, Association of Library and Information Science Education, American Society of Information Science, Pennsylvania Library

Association, and the Pittsburgh Regional Library Center.

The Administrative Fellows Program is designed to provide an opportunity to enhance the administrative talents and qualifications of women and minorities by involving them in mentorship experiences with top-level administrators at the University.

The program provides opportunities for Fellows to participate in a wide range of decision-making processes, learning activities, and program management, so that they are better equipped to handle the challenges of higher education administration. The Fellows Program also will help create a pool of qualified women and minorities for potential senior level administrative vacancies.

News in Brief

Educational Office Personnel

The Penn State Chapter of Educational Office Personnel invites all Penn State employees to attend the First Annual Membership Drive and Pot Luck Luncheon from noon to 1 p.m. Friday, Sept. 7, at Pattee Library, West Wing Staff Lounge, to learn more about PSEOP.

PSEOP is open to employees classified as faculty, staff, nurse nonexempt, clerical and technical service.

Publications available

The 1990-91 *Policies and Rules for Students* contains information about academic regulations, the code of conduct and other University regulations and procedures. Of special note are policy statements on intolerance (page 51), sexual harassment (pages 4-6, 51), confidentiality of records (pages 6-9), computer misuse (pages 50-51) and free expression (page 50).

All new faculty, staff and graduate teaching assistants are urged to review this publication, which can be obtained from college deans' offices, department/unit offices or from the Boucke Information Desk.

Another useful document, *Easy Access*, is a directory of campus and community resources. The publication was designed to address questions and concerns of students. Copies may be obtained from college deans' offices or from the Campus Life Assistance Center, 135 Boucke, 863-1809.

Faculty discussion group

"Critical Pedagogy and Advancing Penn State's Curriculum," a faculty discussion group for the University community, will meet from 4 to 5:30 p.m. Thursday, Sept. 13, in Room 101 Henderson Building East at University Park.

The group is planning to meet twice a month or as needed. All members of the

University community are welcome.

For more information, call Bill Tierney, (814) 865-6347; Bob Walker, (814) 865-9951; or Aaron Gresson, (814) 865-1488.

Cognitive Studies

Cognitive Studies, an organization of University faculty members from many departments with research interests in cognition and related topics, will present an Invited Colloquium in Cognition from 2:30 to 4 p.m. Friday, Sept. 14, in Room 431 Moore Building at University Park.

Ray Jackendoff, of the Program in Linguistics and Cognitive Science at Brandeis University, will discuss "Causative Concepts and their Extended Family."

Dr. Jackendoff also will present a talk titled "Language as a Window into Cognition" as part of the Fall Cognition Workshop on Saturday, Sept. 15. The workshop, to be held at Telford, also will feature presentations of collaborative research by recipients of Cognitive Studies seed grants.

For more information on the Cognition Workshop or other Cognitive Studies activities, send name and campus address to Cognitive Studies, 425 Moore Building, or call 863-1736. E-mail may be addressed to CVY AT PSUV.M.

Penn College enrollment

Pennsylvania College of Technology has achieved the highest enrollment in its history. At the end of the first week of classes, enrollment statistics fix the number of full-time equivalent students at 3,789 - up 8.2 percent from last year.

The increase represents 287 more full-time equivalent students attending the Williamsport institution and marks the fourth consecutive year in which enrollment has been up at the college.

According to William J. Martin, vice

president for student affairs, a variety of factors are credited with the most recent increases, including the appeal of the College's affiliation with Penn State; a number of new programs such as avionics, automotive engineering technology, and arboriculture; improvements in the College's physical plant, and a significant increase in the quality and quantity of student housing.

Meat Lab hours

The Penn State Meat Lab will be holding its weekly meat sales on the following dates:

Sept. 7, 14, 21 and 28; Oct. 5, 13, and 26; Nov. 2, 9, and 16; Dec. 7 and 14.

Hours are 1:30 to 4 p.m. The Meat Lab is located on Porter Road across from Beaver Stadium.

Research grant

Ashok D. Belegund, assistant professor of mechanical engineering, has been awarded a grant from MacNeal-Schwender Corp. for \$25,000. The gift will be used to support research in the area of design optimization using finite element codes.

MacNeal-Schwender, a Los Angeles based corporation, develops, markets and supports software for computer-aided engineering.

Department gets grant

The Department of Leisure Studies in the College of Health and Human Development has been awarded two federal training grants to help meet a need for qualified personnel in therapeutic recreation.

The training grants from the U.S. Department of Education will fund five masters' students and three doctoral students each year. Participants will be selected from interested applicants and current graduate students whose career

goals are consistent with the goals of the project.

Ralph W. Smith, assistant professor of leisure studies, will be project director for the grants. The combined cost for the two programs totals \$419,000 over a three-year period; the federal government is funding 100 percent of the cost.

Engineering grants

The College of Engineering Tuobomachinery Laboratory received almost \$250,000 in grants and gifts recently.

The National Science Foundation has provided funds for two major projects. One will upgrade the laser doppler velocimeter for use in the basic understanding of flow fields in jet engines and space shuttle turbines. A second grant provides for heat transfer equipment to measure thermal flow fields in aircraft and spacecraft turbines.

The Allison Division of General Motors (Indianapolis) and Rolls Royce (Derby, England) have provided funding for the completion of the multi-stage compressor facility donated by the Pratt and Whitney Aircraft Division of United Technologies.

Institute receives funding

The Biotechnology Institute has received funding from the U.S.D.A.-C.S.R.S. National Needs Fellowship Program to support graduate fellowships in plant biotechnology.

Fellowships of \$15,000 a year for three years will be awarded to two exceptional students interested in pursuing a Ph.D. degree in plant biotechnology.

The National Needs Fellowship Program awards grants for Ph.D. level fellowships in areas considered of high priority for agricultural research in the United States.



Card catalog removal

University Libraries break with the past with the removal of the card catalog. Above, Wally Corcelius, left, Paul Horner and Jim Petro, right, building services coordinator, move the catalog cabinets; left, Wally Corcelius, left, and Jim Petro, load a cabinet on a truck; below, John DeHart, of State College, on a visit to Pattee Library with his father Scott DeHart, examines the LIAS system, which was implemented in 1981 to replace the card catalog. Plans for the space created by the removal of the card catalog cabinets include a book display area with new shelving and a seating area. (Photos: Greg Grieco)



Appointments

Edward V. Williams, professor of music history at the University of Kansas, has been named associate dean for research and graduate studies in the College of Arts and Architecture.

Dr. Williams will assist arts and architecture faculty members at University Park and in the Commonwealth Educational System to identify sources of financial support for projects and to develop proposals for funding.

Dr. Williams' area of research interest is Russian bells. He has published the book *The Bells of Russia: History and Technology* and currently is working on a second volume that examines the use of Russian bells in their liturgical context and the aural iconography of their sound. He also has published articles on Eastern chant and Byzantine music, as well as on Russian and Soviet music.

Dr. Williams joined the faculty at Kansas in 1969. He served as chairman of the Department of Music History from 1975 to 1982 and director of the Division of Music History from 1982 to 1984.

He has received fellowships and grants supporting his research from the National Endowment for the Humanities, the Woodrow Wilson International Center for Scholars and Kennan Institute for Advanced Russian Studies, the American Council of Learned Societies, Dumbarton Oaks and the Fulbright Commission.

Dr. Williams earned a bachelor's degree in piano performance from Florida State University, a master's degree in musicology from Indiana University, a master of art in the history of music from Yale University and a Ph.D. in medieval studies, also from Yale.

Stanley Evan Curtis has been named head of the Department of Dairy and Animal Science in the College of Agriculture.

Dr. Curtis, formerly a professor of animal sciences at the University of Illinois at Urbana-Champaign, was chosen after a year-long search process.

His research emphasizes issues in animal welfare, reflecting his academic background in environmental physiology. He has consulted with animal producers, industrial personnel, veterinarians and others on environmental design and management and animal welfare.

In 1989, he received the Charles A. Black award from the Council for Agricultural Sciences and Technology for his contributions to enhancing the general public's understanding of agriculture.

Dr. Curtis grew up on a farm in Culver, Ind., raising swine, sheep and cattle and participating in 4-H as a youth. In 1964, he received a bachelor's degree in agriculture with highest distinction, and in 1969 earned his master's degree in animal sciences, both from Purdue University.

In 1968, after fellowships at the U.S. Agricultural Research Center in Beltsville, Md., the University of Wisconsin-Madison and Louisiana State University, he received his Ph.D. in animal sciences from Purdue. From 1968 to 1970 he was an assistant



Edward V. Williams

professor in the Department of Dairy Husbandry at the University of Missouri-Columbia. Dr. Curtis has been a faculty member at the University of Illinois since 1970.

Earlier this year, he was named president of the American Society of Animal Science.

Several promotions and reassignments in the College of Education have been announced by Rodney Reed, dean of the College.

Mary Dupuis has been promoted to director of teacher education and associate dean for undergraduate programs.

Robert Nicely has been promoted to associate dean for Continuing and Commonwealth Education and outreach programs.

In addition, **Horst von Dorpowski** has been reassigned as assistant to the dean for academic and student support services and director of the summer program.

"The reorganization of the dean's staff will eliminate overlap and achieve greater efficiency. Also, we are acknowledging the importance of our undergraduate programs and student services by creating the academic and student support services position," Dean Reed said.

Other members of the dean's staff include the continuing appointments of **Vincent Lunetta**, associate dean for research and graduate programs; **A.J. Grill**, assistant to the dean for personnel and administrative services; **George Patrick**, financial officer; **Scott Warrington**, director of development; and **Sharon McClintic**, administrative aide.

James T. Elder, acting director of University relations at the Penn State Shenango Campus, has been named acting campus executive officer. An Advisory Campus Executive Officer Search Committee will be formed early in the Fall Semester.

"We are pleased that Jim has agreed to take on this position while the search for a permanent campus executive officer is in process. He is extremely able and is familiar with campus operations and issues."

Richard Grubb, senior vice president and dean of the Commonwealth Educational System, said.

As acting University relations director since 1987, Mr. Elder is responsible for organizing and conducting a public relations program for the campus, planning and implementing development programs for annual and capital gifts, as well as organizing and administering alumni programs.

He served as coordinator of recruitment at the Shenango Campus from 1985 to 1987 and coordinated and taught speech communications courses from 1965 to 1987.

He has a bachelor's degree in speech communications and theater from Westminster College and a master's degree in speech communications from Penn State. He is a member of the Speech Communication Associations of America and Pennsylvania, the National Society of Fundraising Executives, the National Council of Resource Development and the Council for Advancement and Support of Education.

Richard L. Gordon, professor of mineral economics and director of the Center for Energy and Mineral Policy Research, Penn State, has been named the MICAUS Fellow in Mineral Economics.

The MICAUS Fellowship was endowed by an anonymous \$100,000 gift.

Dr. Gordon is a leading authority on coal economics and well known for his work on energy policy and regulation. In 1989, he received the Penn State Faculty Medal in recognition of his scholarly achievements.

Part of the income from the endowment may be used to support graduate assistants, research expenses, education and travel expenses.

Peggy Hoover, a free-lance copyeditor for the past 15 years, has joined the Penn State Press staff as a copyeditor.

As a free-lancer, she has worked with Elsevier Science Publishing Co., Greenwood Press, Macmillan and university presses at Cornell, Johns Hopkins and Princeton universities and the University of Pennsylvania.

After earning an A.B. degree in American studies from Goucher College in 1965, she worked for Fortress Press in Philadelphia for three years. Most recently, she was employed by Trifinity Investment Management Corp., Bellefonte.

Gary H. Koopmann, professor of mechanical engineering and director of the Noise Control Laboratory, has been appointed director of the Center for Acoustics and Vibration (CAV). He succeeds Jiri Tichy, professor of architectural engineering, who continues as chairman of the graduate program in acoustics.

CAV, established in 1986, is one of only three such centers in the United States. Thirty-eight faculty members and researchers from five engineering departments, three colleges and several

interdisciplinary centers have joined the CAV. Areas of research falling under the CAV umbrella include pollution control, active noise and vibration control, designing with intelligent materials, and diagnostics of materials using acoustic microscopy.

Dr. Koopmann who is directing a reorganization of the interdisciplinary center, said that eight affinity groups, focusing on crucial areas of acoustics and vibrations, have been formed to organize CAV research.

The CAV affinity research groups and group leaders are: active control, Dr. Tichy; aero/hydro acoustics, Gerald Lauchle, professor of acoustics and Applied Research Laboratory senior scientist; materials evaluation, Bernhard Tittmann, Kunkle Professor in engineering; particulate and chemical acoustics, Dr. Koopmann; propagation and radiation, Allan Pierce, Leonard Professor in acoustics; smart materials, John Lamancusa, associate professor of mechanical engineering; structural acoustics, Courtney Burroughs, Applied Research Laboratory research associate, and vibrations and machinery noise, Sabih Hayek, professor of engineering mechanics.

Dr. Koopmann, who joined the University faculty in 1988, previously was professor of mechanical engineering at the University of Houston. His areas of interest include active noise and vibration control and the uses of acoustics to control industrial processes.

The Department of Biology has appointed **Masatoshi Nei** to head its Institute of Molecular Evolutionary Genetics.

"Dr. Nei is one of the leading theoretical population geneticists in the world," says Linda Maxson, professor and head of the Department of Biology, "and he will be leading an outstanding, unparalleled group of researchers that is the largest of its kind anywhere in the world."

Dr. Nei, formerly professor of population genetics at the University of Texas at Houston, joins the Eberly College of Science as distinguished professor of biology. He is an elected fellow of the American Academy of Arts and Sciences.

Dr. Nei has held the positions of acting director of the Center for Demographic and Population Genetics at the University of Texas at Houston, professor of biology at Brown University, and head of the Population Genetics Laboratory at the National Institute of Radiological Sciences in Japan.

He is a member of the Reviewers Reserve of the National Institutes of Health, a member of the Board of Overseers of Harvard University, the managing editor of *Molecular Biology and Evolution* and a member of the editorial board of the *Journal of Molecular Evolution*.

Dr. Nei earned a bachelor's degree in genetics from Miyazaki University in Japan, a master's degree in genetics from Kyoto University in Japan and a doctoral degree in quantitative genetics from Kyoto University.

Focus on the arts

The arts on Channel 3

Conductor John Williams and the Boston Pops Orchestra celebrate the 20th anniversary of *Evangelina* at 8 p.m. in grand style with six special guests at 9 p.m. Friday, Sept. 7, on WPX-TV.

Opera stars Roberta Peters and Robert Merrill sing arias from "The Merry Widow" and "Barber of Seville," and humorist Art Buchwald provides his own witty narration to Saint-Saens' "Carnival of Animals," featuring Anthony and Joseph Paratore on piano. Victor Borge "the clown prince of Denmark" joins in a rousing rendition of Sousa's "The Stars and Stripes Forever."

The enduring power of a single song across continents and time, and the ironic story of how that song was written by a man who traded in slaves, is examined on *Amazing Grace* with Bill Moyers premiering at 8 p.m. Wednesday, Sept. 12.

The program includes the performances and experiences of singers who testify to the power of the song in their own lives: Johnny Cash, Judy Collins, Jessye Norman, Jean Ritchie, Marion Williams and The Boys Choir of Harlem.

Alumnus author to visit

The Penn State Bookstore on campus opens its fall "Featured Authors Series" with alumnus author Paul J. Levine.

Mr. Levine's first novel, *To Speak For The Dead*, will be highlighted. The author will be available to sign and discuss his new book from 3 to 5 p.m. Friday, Sept. 7, at the Bookstore. A 20-percent discount will be offered on his book during the signing session.

Mr. Levine, who graduated from Penn State with a degree in journalism in 1969, was editor-in-chief of *The Daily Collegian*, winner of various national newspaper writing awards and a member of Lion's Paw. Currently, he serves on the School of Communications' alumni board and the advisory board of Pattee Library.

A teacher, attorney and author of murder mysteries starring Miami trial lawyer Jake Lassiter, Mr. Levine is a Miami trial lawyer and a widely known authority

on the First Amendment. He has represented the news media in libel and privacy lawsuits including cases before the Supreme Court.

Contradance

The Central Pennsylvania Country Dance Association will open its fall season with a contradance from 8 to 11 p.m. Saturday, Sept. 8, at the Radio Park Elementary School, with beginners' instruction starting at 8 p.m. The caller will be Marlin Whitaker of Pittsburgh and music will be provided by Dr. Twamley's Audio Snakes, a local contradance band.

In contradancing, a form of folk dancing popularized in New England, two long lines of dancers face one another (hence the prefix "contra"), responding to patterned calls as they work their way up or down the line. Dances are set to tunes that were brought over by early settlers from England, Ireland and Scotland.

Beginners are encouraged to attend, and dancers need not arrive with a partner. There will be a modest donation requested at the door.

Zoller exhibit

The scents of hay and cedar are more readily associated with barns and buildings than with art galleries, but the air of Zoller Gallery at University Park will be ripe with these earthy smells through Sept. 30.

Two original installations that use hay and cedar as major components have been created by artists Michael Shaughnessy and Alan Greenberg for the current exhibition.

Mr. Shaughnessy's "Holding Home" is a circle of tightly packed hay woven onto a twine warp that is fixed to a circular plywood frame. Three circles in the center of the larger one hold piles of oats.

Mr. Greenberg's "Dryland" spotlights a boat suspended above a bed of cedar shavings and slate and surrounded by a circle of carved cedar posts. Both works were created in the gallery by the artists with the help of University art students.

Both installations are circular and are based on natural colors and objects. Both artists had thumbnail sketches of what they wanted to create at Penn State, then modified their ideas as they worked in the space.

Zoller Gallery is part of the School of Visual Arts and is located off the glass concourse adjacent to the Palmer Museum of Art. Gallery hours are 9 a.m. to 5 p.m. Monday through Friday, 11 a.m. to 4:30 p.m. Saturday, and noon to 4 p.m. Sunday.

All-Chopin program

Robert Hatten, assistant professor of music theory, will perform a piano recital at 8 p.m. Sunday, Sept. 9, in the Recital Hall of the Music Building at University Park. His all-Chopin program includes the complete Preludes, Op. 28, and the Nocturne, Op. 27, No. 2.

The Preludes, rarely played in their entirety, consist of 24 separate pieces, one

in each major and minor key. While there are clear connections between the Preludes, Chopin maintains interest with the alternation of keys, tempo and style. The Nocturne serves as the conclusion to the Preludes and is a perfect example of the form.

Mr. Hatten, who joined the University faculty last year, previously was on the faculty at the University of Michigan. His current research centers on the issue of musical expressive meaning with application to the piano sonatas and string quartets of Beethoven.

Recognition recital

Eight undergraduate students from the School of Music will perform a Jury Recognition Recital at 8 p.m. Monday, Sept. 10, in the Recital Hall of the Music Building at University Park.

The recital will include performances from the keyboard, voice, woodwind and brass areas. The students were selected by the music faculty in recognition of their outstanding performances in a similar performance last April.

Museum weekend hours

The Palmer Museum of Art, located at University Park, has extended weekend hours through Sunday, Nov. 4.

The museum will be open from 10 a.m. to 4:30 p.m. Tuesday through Sunday. Previously, the museum opened at 11 a.m. on Saturday and noon on Sunday.

The extended hours will be in effect for the duration of the popular current exhibition "The Machines of Leonardo da Vinci" on display in the museum's second-floor gallery.

After Nov. 4, the museum will revert to its normal hours. The museum is closed on Monday. For more information or to schedule a tour, contact the museum at (814) 865-7672.

Lecture on the Amish

John A. Hostetler, founding director of the Center for the Study of Anabaptist and Pietist Groups at Elizabethtown College, will speak on "The Amish: Making Traditional Wisdom Functional" at 8 p.m. Tuesday, Sept. 11, in the Rare Books Room, W342 Pattee Library, at University Park.

Dr. Hostetler is nationally recognized for his research and published works on the Amish and Mennonite communities in the United States and for his work among the Hutterites in this country and in Canada. He is a former member of the faculty of Temple University.

A graduate of Goshen College in Indiana, he earned both his master's degree and doctor of philosophy degrees at Penn State. He was a postdoctoral Fulbright Research Scholar at Heidelberg University in Germany.

His lecture is part of the German-American Lecture Series sponsored by the Department of German with the support of

the Graduate School, College of the Liberal Arts, Institute for the Arts and Humanistic Studies and University Libraries. Funding also was provided by the Pennsylvania Humanities Council.

Museum lecture

Daniel L. Collins will discuss contemporary image making in his lecture "Vantage Points" at 8 p.m. Wednesday, Sept. 12, at the Palmer Museum of Art at University Park. His work is included in "The Presence of Absence" exhibition on display at the Palmer Museum through Oct. 14.

Mr. Collins currently is an assistant professor of art and coordinator of the foundations program at Arizona State University, Tempe, Ariz.

Rembrandt myths

Karen J. Arbitman, director of the Palmer Museum of Art, will discuss popular misconceptions surrounding the life of Dutch artist Rembrandt van Rijn at 8 p.m. Thursday, Sept. 13, in the museum at University Park.

"It's not an exaggeration to say that most of history's greatest people have myths, anecdotes or stories attached to them," she said. "Their lives have been romanticized or criticized in any number of ways. Rembrandt is no exception."

Dr. Arbitman received a bachelor's degree in art history from Penn State and master's and doctoral degrees in art history from the University of Pittsburgh. She is widely published on 17th-century Dutch art with an emphasis on the works of Rembrandt.

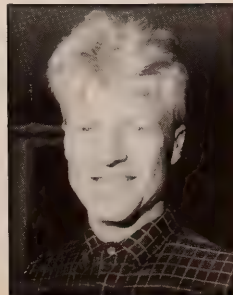
Art history lecture

John Onians, a senior lecturer in art history at the University of East Anglia in Norwich, England, will open the 1990-91 art history lecture series titled "The Art of Interpreting" at 8 p.m. Tuesday, Sept. 11, in Room 112 Walker Building at University Park.

Dr. Onians will discuss "The Strength of Please see 'Focus' on page 11.



Karen J. Arbitman



Daniel L. Collins

University Park Calendar

**September 6--
September 16**

Special Events

Thursday, September 6
Board of Trustees meets at University Park.
through Sept. 7.
Bloodmobile, 10 a.m.-4 p.m., HUB Ballroom.
Bach's Lunch Concert, 12:10-12:30 p.m.,
Eisenhower Chapel.
Friday, September 7
Smeal College of Business Administration naming
ceremony, 2 p.m., BAB lawn.
Geog. Coffee Hour, 3:30 p.m., 319 Walker.
Deryck Holdsworth on "Coping with Height."
Sunday, September 9
School of Music, 4 p.m., Recital Hall. Robert
Hatten, piano.
Monday, September 10
School of Music, 8 p.m., Recital Hall. Jury
recognition recital.
Tuesday, September 11
Graduate Program in Nutrition, lecture, 7 p.m.,
112 Chambers. Ernst J. Schaefer, Tufts Univ.,
on "Cholesterol and Heart Disease."
Dept. of Art History, lecture, 8 p.m., 112
Walker. John Onians, Univ. of East Anglia,
England, on "The Strength of Columns and the
Weakness of Theory."
German-American Lecture Series, 8 p.m., Rare
Books Room, W342 Pattee. Dr. John A.
Hosleiter, Center for the Study of Anabaptist
and Pietist Cultures, on "The Amish: Making
Traditional Wisdom Functional."
Wednesday, September 12
Bloodmobile, 10 a.m.-4 p.m., 101 Kern.
Gallery talk, 8 p.m., Palmer Museum of Art.
Daniel L. Collins, Arizona artist, on "Vantage
Points."
School of Music, 8 p.m., Recital Hall. Richard
Kennedy, tenor.
Thursday, September 13
Bach's Lunch Concert, 12:10-12:30 p.m.,
Eisenhower Chapel.
■ Gallery Talk, 8 p.m., Palmer Museum of Art.
Kathleen Jones, Arbitman on "Debunking
Rembrandt Myths."
■ Dept. of French, lecture, 8 p.m., 112 Kern.
Lynn Hunt, Univ. of Pa., on "Family Images
and Sexual Politics in the French Revolution."
Friday, September 14
Bloodmobile, noon-5 p.m., Natarium.
Geog. Coffee Hour, 4 p.m., 319 Walker. James
Lynch on "Spatial and Temporal Trends in
Acid Precipitation in Pennsylvania."
Center for the Performing Arts, 8 p.m., Schwab
Aud. Jupiter Symphony.



'Dryland' by Alan Greenberg is part of the Greenberg and Shaughnessy exhibit in Zoller Gallery.

Public Radio

WPSU-FM 91.1
All Things Considered, Monday-Friday, 5-6:30
p.m.; Saturday and Sunday, 5-6 p.m.; Morning
Edition, Monday-Friday, 6-8 a.m.; Weekend
Odyssey Through Literature, 11 a.m.-1 p.m.
Wednesday, with S. Leonard Rubinstein.
Perspectives, 6-8 p.m. Wednesdays.

Conferences

Continuing Education
Keller Building
Sept. 9-16, Credit Union National Association.
John Ezzell, professor and head of finance,
chair; Bill Steiner, coordinator.
Sept. 10-14, Review Course for the Professional
Engineering Examination of Mining and
Mineral Engineering, R.V. Ramani, head,
Department of Mineral Engineering, and
professor of mining engineering, director;
Norm Lathbury, coordinator.
Sept. 10-14, Small Wastewater Systems
Workshop, David Long, professor of civil
engineering, chair; Eric Loop, coordinator.
Sept. 11-13, Motor Fleet Safety for Supervisors,
Eric Loop, coordinator.
■ Sept. 13-15, Merleau-Ponty Circle Conference
Veronique Foty, assistant professor of
philosophy, director; Jack Sindler, coordinator.
Sept. 14, R. Haddi Wastewater Logistics and
Transportation Symposium, Norm Novack,
assistant professor of business logistics, chair;
Chuck Herd, coordinator.
Sept. 14, The Business World and the
Employment of People with Hearing Losses.
Ingrid Blood, associate professor of special
education and communication disorders, chair.

Donna Ricketts, coordinator.
Sept. 15, Staff Development Leadership Institute.
Steve Gordon, educational outreach office,
chair; Jerri Milson, coordinator.

Seminars

Thursday, September 6
Economics and Institute for Policy Research
and Evaluation, 2:30 p.m., 101 Kern. N.
Gregory Mankiw, Harvard Univ., on "A
Contribution to the Empirics of Economic
Growth."
Physics Colloquium, 3:30 p.m., 55 Osmond
Lab. Jeffrey Lannin on "Clusters on
Surfaces: How are Small Systems
Different?"
Ecology, 3:45 p.m., 110 Wartik, William
Sharpe on "Acid Precipitation and Forest
Ecosystems: A Case of Negative
Networking."
Friday, September 7
EMS, 4 p.m., 112 Walker. Dr. Steward S.
Flaschen, Alumni Fellow, on
"Commercialization of Materials and
Minerals Research."
Tuesday, September 11
Chemical Engineering, 2:45 p.m., Paul
Robeson Cultural Center Aud. Edwin N.
Lightholt, Univ. of Wisconsin, on "The
Fluid Mechanic Basis of Bioprocesses."
Geosciences Colloquium, 3:45 p.m., 301
Steidle. David Chapman, Univ. of Utah,
on "Thermal Processes in Young Oceanic
Lithosphere."
Condensed Matter Physics, 4 p.m., 339
Davey Lab. Clifford Pollock, Cornell
Univ., on "Recent Progress in Color
Center Lasers."

Wednesday, September 12
Accounting and MIS Research Colloquium,
3:30-5:30 p.m., 333 Beam. Iris Vessey on
"Cognitive Fit: An Empirical Study of
Information Acquisition."
Thursday, September 13
Ecology, 3:45 p.m., 110 Wartik. Kimberlyn
Nelson on "Genetic Structure of
Hybridizing White-Footed Mice
(Peromyscus leucopus)."
Friday, September 14
Physics/Math Colloquium, 4:30 p.m., 102
McAllister. Jerry Gollub, Haverford
College and Univ. of Pa., on "Nonlinear
Dynamics of Water Waves"

Exhibits

Chambers Gallery
Chet Davis, paintings, through Oct. 5
HUB Galleries
Browsing Gallery:
Alan Klein, photographs, through Sept. 23.
Art Alley Panels:
Rina Banerjee, oil paintings, through Sept. 23
Art Alley Cases:
SCASD, adult pottery class exhibit, through Sept.
23.
Formal Gallery:
■ Spectacular Vernacular: Traditional Desert
Architecture from West Africa and Southwest
Asia, through Sept. 23.
Palmer Museum of Art
Selections from the Permanent Collection
through Oct. 7
The Presence of Absence New Installations,
through Oct. 14.
■ The Machines of Leonardo da Vinci, through
Nov. 4
Palace Library
West Lobby Gallery:
Permanent collection from the Arts Library,
through Sept. 7.
Zoller Gallery
Shaughnessy-Greenberg, Installations, through
Sept. 30.

TIPS

Information Penn State
Call 863-1234, press 1 and enter the number of
the message you wish to hear. Messages are
listed in the front of the telephone directories.
Other messages are listed in the front of the
telephone directories. Other messages are
Weather-234, Arts Line-345; University
Calendar-456.

■ Reflects an international perspective

**Proposal packets
are now available**

Proposal packets for the Fall 1990 Faculty
Technology Initiative Program are now
available.

The program is one major avenue for
University faculty members to prototype or
pilot projects dealing with teaching and
learning technologies, such as software
packages that support learning, animated
lecture support materials, and hypertext
knowledge bases.

CBEL-Teaching and Learning

Technologies Group, a unit of the Center
for Academic Computing, invites faculty
members to submit a proposal for possible
support to the fall 1990 proposal review
cycle of this program.

CBEL also is offering for the first time
through this program simultaneous
submission to the Apple Computer
Academic Development Donation Program
for development projects in need of
computer equipment. (A similar program

for IBM equipment is in negotiation.)
Faculty members who are interested in
pilot projects for the implementation of
information technology need to complete a
proposal by Oct. 15. Two proposal
information seminars will be held in Room
141 of the Computer Building on Sept. 20,
9:30 to 11 a.m., and Sept. 21, 1:30 to 3
p.m. Registration is required. Copies of the
proposal packet can be obtained by calling
(814) 863-1654.

Penn Staters

Amar Bhatta, professor of solid state science and senior scientist at the Materials Research Laboratory, gave an invited lecture on "New Ferroelectric Phenomenon and Compositions and their Applications in 1-2, and 3-dimensional Sample Geometry" at the 1990 U.S. Korea Seminar on Recent Developments in Technical Ceramics in Seoul.

Robert E. Newham, Alcoa professor of solid state science, and **Richard E. Tressler**, professor of materials science and engineering, were guests of the Max Planck Gesellschaft and invited speakers in a week-long special symposium on "Contemporary Issues in Ceramics Science" held at Ringberg Castle near Munich, Germany.

H. Reginald Hardy Jr., director of the Rock Mechanics Laboratory, presented a plenary lecture, "Monitoring of Rock and Soil Slopes, and Landslide Areas using AEMs Techniques: A State-of-the-Art Review," at the International Conference on Monitoring, Surveillance and Predictive Maintenance of Plants and Structures in Taormina, Sicily.

Howard G. Knuttgen, director of the Center for Sports Medicine, served on the Scientific Program Committee of the 24th World Congress of Sports Medicine sponsored by the International Federation of Sports Medicine in Amsterdam.

James Moeser, dean of the College of Arts and Architecture, was elected president of the 22,000-member American Guild of Organists.

Ralph Smith, assistant professor of leisure studies, was appointed a member of the U.S. delegation to the world championships of wheelchair basketball to be held in Brugge, Belgium.

Richard E. Tressler, professor of materials science and engineering and director of the University's Center for Advanced Materials, was elected vice president by the American Ceramic Society. Dr. Tressler also was a visiting professor at Curtin University, Perth, Australia.

Jesse Barlow, associate professor of computer science in the Eberly College of Science, gave a talk titled "The Direct Solution of Weighted and Equality Constrained Least Squares Problems" at the University of Bristol and a talk titled "Computing Accurate Eigensystems of Scaled Diagonally Dominant Matrices" at the University of Manchester, the University of Reading, and Rutherford Appleton Laboratory, Didcot, England.

John C. Becker, associate professor of agricultural economics, was honored by

the Pennsylvania Bar Association for his contributions to the association's Pro Bono Program in 1989.

Jerry Bona, professor of mathematics in the Eberly College of Science and research professor in the Applied Research Laboratory, has been appointed chairman of the American Mathematical Society's Liaison Committee with the American Association for the Advancement of Science and chairman of the American Mathematical Society's ad hoc Committee on Applied Mathematics.

James G. Brasseur, assistant professor of mechanical engineering, presented a paper titled "Structural and statistical characteristics of intermittency in homogeneous turbulent shear flow" at the Third European Turbulence Conference in Stockholm, Sweden.

Jean Brechley, director of the Biotechnology Institute and professor of microbiology, organized the annual program for the Council of Biotechnology Centers and chaired a session on "A Center's Role in Increasing Public Understanding of Biotechnology" during the Association of Biotechnology Companies meeting in Toronto, Canada.

Richard Craig, professor of plant breeding, received the Alex Laurie Award for Education and Research from the Society of American Florists. Dr. Craig also has been selected for the Floriculture Hall of Fame.

Jeff Davidson, marketing manager for the Biotechnology Institute, presented a talk titled "New Initiatives at the Penn State Biotechnology Institute's Bioprocessing Resource Center" at a meeting of the Association of Biotechnology Companies in Toronto, Canada.

Robert M. Crasswell, associate professor of tree fruit, was elected business manager and treasurer for the American Pomological Society.

Joe F. Donaldson, associate professor of education, has been elected to the board of directors of the National University Continuing Education Association and as chair of NUCEA's Council for Continuing Education Management and Administration.

Alireza Haghighat, research associate in the Nuclear Engineering Department, has been elected secretary of the Mathematics and Computation Division of the American Nuclear Society. Dr. Haghighat also presented a paper at the International Conference on Supercomputing in Nuclear Applications in Japan.

Bruce Kendall, professor of physics, gave an invited paper titled "Levitron, Ion Traps, and Containerless Processing" at Curtin University, Perth, Australia. While in Australia, he visited several other universities to discuss new teaching techniques for advanced laboratory courses.

Iam-Choon Khoo, professor of electrical engineering, organized and chaired an international meeting on "Nonlinear Optics - Material, Phenomena and Devices" at Maui, Hawaii.

Arum Kilara, professor of food science, directed a Penn State Ice Cream Short Course in Australia for 70 food technologists from Southeast Asia.

Harvey B. Manbeck, professor of agricultural engineering, received the 1990 Henry Giese Structures and Environment Award from the American Society of Agricultural Engineers for distinguished service in advancing the knowledge and sciences of agricultural structures and environment, specifically for his work in design and analysis.

Archie J. McDonnell, professor of civil engineering and director of the Environmental Resources Research Institute, has received the 1990 Water Pollution Control Association of Pennsylvania research award in recognition of his outstanding research in water pollution control.

Charles T. Morrow, professor of agricultural engineering, spoke at the Robotics in Agriculture and the Food Industry Conference in Avignon, France.

Nancy L. Pedersen, research scientist; **Gerald E. McCleam**, Evan Pugh professor of health and human development; and **Robert Plomin**, professor of human development and director of the Center for Developmental and Health Genetics, gave an invited paper on "Importance of Genetic and Environmental Factors for Alcohol Consumption by Elderly Twins" at the First International Congress of Behavioral Medicine in Uppsala, Sweden.

Allan Pierce, Leonard professor of acoustics and mechanical engineering, has been elected to the Executive Council of the Acoustical Society of America.

Gary S. Settles, professor of mechanical engineering and director of the Gas Dynamics Laboratory, spoke on "The Flowfield Structure of Turbulent Swept Shock Interactions Generated by Fins" at the International Union of Theoretical and Applied Mechanics Symposium on Separated Flows and Jets in Novosibirsk, USSR.

Elizabeth J. Susman, professor of human development and nursing, gave an invited presentation on "Emotional and Cognitive Aspects of Reasoning About Illness: Implications for Reasoning About Surgery" at the First International Congress of Behavioral Medicine in Uppsala, Sweden.

Sam Y. Zamrick, professor of engineering mechanics, has been recognized by the American Society of Mechanical Engineers' Pressure Vessel and Piping Division for pioneering the division's Technical Tutorial Program and for his contributions as the division's professional development chairman.

Michael Akritas, associate professor of statistics in the Eberly College of Science, gave an invited talk titled "Nonparametric Statistical Inference for Heteroscedastic Regression" at a NATO Advanced Study Institute conference in Spetses, Greece.

Donald Bryant, associate professor of molecular and cell biology in the Eberly College of Science, served as a visiting professor at the Swiss Federal Technical University's Institute for Molecular Biology and Biophysics in Zurich, Switzerland. While in Europe, he delivered a lecture series at Glasgow University, Scotland, and research seminars at the University of Vienna, the University of Konstanz, Ludwig-Maximilians University, the Max-Planck-Institute for Biochemistry, the Ecole Normale Supérieure, and the University of Geneva.

Andreas C. Christoff, associate professor of business at Penn State Harrisburg, delivered a paper titled "An International Asset Pricing Model with Stochastic Consumption and Investment Opportunities" to the 12th Triennial Conference of the International Federation of Operational Research Societies, in Athens, Greece.

Paul Cutler, professor of physics, presented a series of lectures under the auspices of the Soviet Academy of Science at Leningrad's Surface Physics and Electronics Research Center, Leningrad Bonch-Bruyevich Institute of Telecommunications; the Soviet Academy of Sciences' Ioffe Physics-Technical Institute, Leningrad; Bashkir State University's Department of Experimental Physics, and the Soviet Academy of Sciences' Institute of Crystallography, Moscow.

Pius Egbelu, associate professor of industrial engineering, presented a paper titled "Cost Reduction in a Multi-stage Manufacturing System with Unit Load Handling" at the Society of Manufacturing Engineers International 90 Abokuta Conference on Signals and Systems in Lagos, Nigeria.

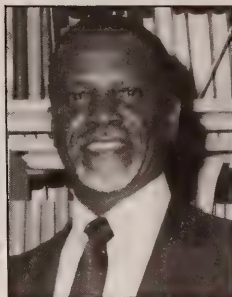
University faculty and staff members receive awards

Fayette Campus award

Howard E. Dantzer, assistant professor of sociology at the Penn State Fayette Campus, has received the 1990 Penn State Fayette Public Service Excellence Award. He received a \$1,000 cash award and a certificate. A permanent plaque will be placed on the Public Service Excellence Award plaque in the Eberly Building on the campus.

Professor Dantzer and his student have raised more than \$6,000 over the last several years for the American Heart Association and some \$2,000 for the American Red Cross. He also has been active in a number of community organizations.

A member of the Fayette faculty for 22 years, he is a full-time pastor at the Interphase Assembly for Christ Church, which he founded.



Howard E. Dantzer

this year, are supported by the Penn State Engineering Society (PSES), and recognizes individuals who offer service to the college beyond their job descriptions.

Alfred J. Engel, professor of chemical engineering, is the first recipient of the Faculty Service Award.

A 31-year veteran of the engineering faculty, Dr. Engel was cited for the development of the Chemical Engineering Education Program and for his activities in the recruitment of minority and women faculty members. He also is recognized as an outstanding teacher and researcher who has published 34 research papers.

Three engineering staff members shared the 1990 Support Staff Award.

Ray M. Dunkle, supervisor of the Manufacturing Systems Laboratories in the Department of Industrial and Management Systems Engineering, joined Penn State in 1961. In his current position since 1982, he has helped spearhead the development of laboratories in computer-aided manufacturing, robotics, automation, quality assurance and microcomputers. In addition, he has trained technicians and provided support for a greatly expanded research program.

Frederick C. Mensch, an experimental and maintenance mechanic in the Department of Chemical Engineering, joined the department in 1964 as a laboratory mechanic.

In his current position, he is in charge of the ordering, maintenance and repair of laboratory equipment and helps in the training of new graduate students. He also is building coordinator.

John Raiser, administrative aide for the Department of Mechanical Engineering, joined the department in 1982. He handles administrative activities for the department, including managing research budgets, departmental personnel procedures and coordinating laboratory and office space.

Penn College Award

E. Eugene Yaw, a partner in the Williamsport law firm of McNeerney, Page, Vandelin and Hall, has received the 1990 College Service Award, presented by the Board of Directors of Pennsylvania College of Technology.

Mr. Yaw became solicitor for the College in 1984. His efforts were vital in the creation of Penn College last July, when the former Williamsport Area Community College became Pennsylvania College of Technology, an affiliate of Penn State.

Mr. Yaw also played a key role in helping the College maintain local sponsorship in 1985, when local school districts opted not to continue their sponsorship of the former Community College. He assisted in finalizing the arrangement which provided short-term sponsorship by the City of Williamsport.

Distinguished Service Award

Fred C. Thompson, retired president of Locus Inc. and president of HVS Technologies, has received the College of Engineering's 1989 Distinguished Service Award.

The award, supported by the Penn State Engineering Society (PSES), recognizes individuals who have donated time and expertise to an engineering department.

Mr. Thompson has been a visiting industry adviser at Penn State since 1970 and a member of a judging committee for student presentations since 1975. He has been a member of the Electrical Engineering Industrial and Professional Advisory Council since 1975, serving as chairman of that body for one year.

He also has helped initiate joint industry and engineering projects through the Ben Franklin Program.

Mr. Thompson received a bachelor's degree from Penn State in 1950 and a master's in 1958, both in electrical engineering. He is a past president of PSES.

Senior reactor license

Candace Davison, senior reactor operator and nuclear education specialist, has become the first woman to hold a senior reactor operator's license at the Penn State Breazale Reactor.

Mrs. Davison joined the Department of Nuclear Engineering in 1983 as a senior research technologist. For the past five years, she has been the coordinator of the Nuclear Concepts summer institute for teachers.

She also has been instrumental in the department's radon training program.

Prior to joining Penn State, she was an engineer for Koppers in Pittsburgh. Mrs. Davison holds a bachelor's degree in chemical engineering from Grove City College.

Young Investigator award

Steven S. Segal, associate professor of applied physiology, has received the Travel Award for Outstanding Young Investigators from the Microcirculatory Society Inc.

The society is the national organization for scientists who specialize in studies of the smallest blood vessels in the body, such as capillaries, arterioles, and venules. The travel award is given annually to encourage a promising young investigator to visit other research laboratories and establish international contacts.

Dr. Segal will visit laboratories in England, Germany, the Netherlands, and Switzerland in the fall.

Outstanding teacher award

Priscilla F. Clement, associate professor of history, has been named the Outstanding Teacher of the Year at the Penn State Delaware County Campus.

Dr. Clement, a campus faculty member since 1967, was chosen in a detailed survey of students and campus alumni. It was the second time she has received the honor. She was a co-winner in 1972, the first year of the award.

Dr. Clement, a Phi Beta Kappa graduate cum laude from Stanford University and also received her master's degree there. She was awarded a Ph.D. from the University of Pennsylvania.

Among her many awards are two research development grants from the Penn State Commonwealth Educational System in 1988 and 1989 for research on women and welfare in Charleston and Philadelphia in the 19th century.

Her extensive writings include a 1985 book, *Whites and the Poor in the Nineteenth Century: The Philadelphia 1830-1854*, published by the Fairleigh Dickinson University Press.

Naval Research award

Kenneth Merz Jr., assistant professor of chemistry and molecular and cellular biology, has been selected as a 1990 Office of Naval Research (ONR) Young Investigator. He is one of 13 individuals nationwide chosen for this honor from a pool of nearly 300 applicants.

The awards, sponsored by the U.S. Department of the Navy, are designed to attract and support young scientists and engineers who show exceptional promise for doing creative research and teaching. Only researchers who received doctoral or equivalent degrees on or after Dec. 1, 1984, are eligible.

Dr. Merz's current research focuses on theoretical studies of antibiotics and solution-phase proton transfers and of the structure, function, and inhibition of the zinc metalloenzyme carbonic anhydrase. He also has been involved in the study of electrostatic properties of biomolecules.

While earning his bachelor's degree from Washington College, Chestertown, Md., Dr. Merz spent the summer of 1979 as a research assistant at TRW's Philadelphia laboratory developing a fiber-optic connector. In 1981, he won a Robert A. Welch Summer Research Fellowship and a Departmental Competitive Fellowship to pursue a doctoral degree at the University of Texas at Austin.

After earning his degree in 1985, as a Robert A. Welch Predoctoral Fellow, he held postdoctoral positions at Cornell University and the University of California, San Francisco. He joined the Penn State faculty in 1989.

He is a member of the American Chemical Society and the American Society for the Advancement of Science.

Physical Plant award

Three Office of Physical Plant employees have received the 1990 "Spirit of Physical Plant" award which recognizes employees for their loyalty and dedication.

James Wagner, vice president for business and operations, presented the awards to the individuals selected for the clerical, staff and technical-service categories.

They are: **Russell Spots** (technical-service), **Donald Appleby** (staff) and **Linda Stephens** (clerical), who, among other things, will receive a special parking space at the Physical Plant Building for the year and have their names permanently displayed on a plaque in the lobby of the building.

The Office of Physical Plant hosted a reception in honor of the 83 OPP employees who received a nomination from their fellow workers and a customer. There are hundreds of excellent employees in Physical Plant who perform their jobs in an exemplary way, but each of these nominees had been singled out by someone who felt he/she performed "a cut above."

Ms. Stephens started work at the University in 1974 immediately after graduation from Penns Valley High School, and all 16 years of her career have been spent in OPP.

Mr. Appleby graduated from Huntingdon High School and attended Williamsport Technical Institute for three years. He has worked in Physical Plant for 34 years in the Design Services Division, where he currently is the hardware specialist.

Mr. Spots graduated from Bald Eagle High School in 1960 and spent four years in the Navy. He has worked for Physical Plant for 16 years and has been the lead mason for two years.

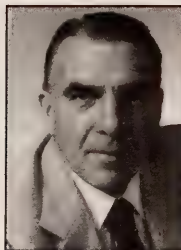
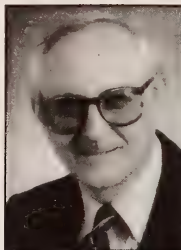
Together, the three winners have served the University and Physical Plant for 96 years.

Engineering service awards

Four individuals are recipients of 1990 College of Engineering Service Awards.

The awards, presented for the first time

25-year award recipients



Observing 25 years of service with the College of Agriculture are, from left, Melvin A. Brown, senior extension agent, Centre County; Samuel M. Curtis, professor and head of agricultural and extension education; Stanford M. Lembeck, associate professor of rural

sociology; William G. Yendol, professor of entomology; and Arian Zarkower, professor of veterinary science.

Carpooler

Janet needs a ride from Pleasant Hills. Pleasant Gap to University Park. Work hours are from 8 a.m. to 5 p.m. Call 805-4641.

Obituaries

Robert G. Kauffman, maintenance worker, Office of Physical Plant, from Jan. 1, 1960, until his retirement Jan. 1, 1980, died Aug. 11. He was 62.

Paul G. Matisko, group leader, maintenance worker, utilities, at the Penn State New Kensington Campus, from Nov. 15, 1976, until his retirement Jan. 1, 1988, died Aug. 19 at the age of 65.

Alice J. Meek, janitorial worker, Office of Physical Plant, from Dec. 1, 1968, until her retirement Dec. 1, 1978, died Aug. 21. She was 73.

Bookshelf

Thomas O. Beebe, assistant professor of comparative literature and German, is the author of *Classics on the Continent: Translation and Selection*, published by Penn State Press.

The book defines and explores two strategies of literary translation -- creative vs. preservative (or strong vs. weak) -- as they transform one of the most influential English novels, *Classics on the Continent*, by Samuel Richardson (1689-1761).

Dr. Beebe compares two opposing strategies that influence the French translation of *Classics* by the novelist Antoine François de Prevost and the German translation by the Göttingen Orientalist, Johann David Michaelis.

In so doing, he demonstrates that each translator found authority for his procedure within the text itself. Each translation also is examined in light of Richardson's other writings and placed in its literary and cultural context.

Staff Exempt

Janice A. Barnoff to manager, financial and payroll information system in Corporate Controller's Office.

James Blow to track supervisor in research and Graduate School.

Gwen Catchen to music specialist in Universities Libraries.

Patricia A. Corbett to administrative assistant in Science.

Alvin Davis to assistant extension agent in Agriculture.

Randall J. Dillman to manager, construction services in Office of Physical Plant.

Gary J. Dillon to president, Healthpass at Hershey.

Douglas A. Donovan to director, utilities in Office of Physical Plant.

Holly L. Gumke to director of Business Services at York Campus.

Connie A. Jones to supervisor, Service Center and HUB in Student Services.

Christine Kauffman to staff nurse at Hershey.

Richard M. Kipp to manager, agricultural communications services in Agriculture.

Betty L. Layton to administrative aide in C&S--Center for Academic Computing.

Jeffrey S. Mallory to senior manager, contract administration in Office of Physical Plant.

Phillip R. Melnick to manager, support operations and special programs in Office of Physical Plant.

Donald R. Moore to manager, parking enforcement, student auxiliary in University Safety.

Robert L. Oberheim to farm manager facilities coordinator in Agriculture.

William E. O'Donald to foreman, trades in Office of Physical Plant.

Louis Plank to manager, materials and OPP stores in Office of Physical Plant.

Joseph P. Portelli to electronic designer in engineering.

Joel S. Register to senior data base

Promotions

programmer in C&S - Management Services.

Kathryn E. Smith to supervisor, service desk in Office of Physical Plant.

Alston Turchetta to archives specialist in Universities Libraries.

Kathy L. Tyson to research support assistant at Hershey.

Scott C. Warrington to director of development in Division of Development and University Relations.

Wayne Weaver to police service supervisor in University Safety.

Clark G. Williams to senior manager, business and finance in Office of Physical Plant.

Staff Non-Exempt

Robert Brucklacher to senior research technician at Hershey.

Debra J. Forney to neurophysiology technician at Hershey.

Cynthia L. Nguyen to neurophysiology technician at Hershey.

Valerie J. Patrick to accounting aide in Science.

Tina R. Schock to administrative aide at Hershey.

Jeffrey L. Selvaige to estimator-inspector in Office of Physical Plant.

Anne M. Semanchick to research technician at Hershey.

Carol J. Stine to senior research technician at Hershey.

Dixi J. Weaver to research technician at Hershey.

Marvis E. Wine to neurophysiology technician at Hershey.

Clerical

Anna L. Bathurst to clerk B in Penn State Bookstore.

Doris F. Bennett to A/V material clerk in Commonwealth Educational System.

Lisa D. Faust to secretary C in University Art Services.

Shirley M. Foster to clerk A in Commonwealth Educational System.

Mary E. Gates to clerk, database maintenance in Division of Development and University Relations.

Darlene L. Getz to secretary B at Hershey.

Karen K. Kimberling to secretary B in C&S-Computation Center.

Linda M. Kinter to clerk A at Ogontz.

Mary Lou McMurtrie to billing clerk in University Press.

Linda M. Nelson to senior manuscript typist at Hershey.

Brenda M. Sanger to secretary B at Hershey.

Bradley J. Smith to secretary B in Agriculture.

Sandra Stauffer to secretary B in University Libraries.

Susan L. Taylor to telephone rental clerk in C&S-Telecommunications.

Tracy A. Wilson to receptionist typist in Engineering.

Annette H. Woytowich to clerk-typist A in Office of Human Resources.

Technical Service

Cheri L. Clay to escort service aide at Hershey.

Bruce C. Keen to boiler operator in Office of Physical Plant.

Lorraine L. Moore to storeroom clerk C at Hershey.

John C. Mutzbaugh to technician A in Liberal Arts.

Donna L. Shawley to press operator, offset duplicator in Office of Business Services.

Mark A. Woodring to water waste treatment plant operator in Office of Physical Plant.

Rosanna M. Zerphey to environmental health worker, group leader at Hershey.

Sandra L. Hoy to platemaker in Office of Business Services.

Daniel Rivera to preventive maintenance worker in Office of Physical Plant.

Patricia A. Robison to janitorial worker in Office of Physical Plant.

Theodore J. Sauer to maintenance worker, utility in Office of Physical Plant.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. **The brief statements for each vacancy are illustrative. They are not by calling the EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304). Applications for these staff vacancies will be accepted until Sept. 13. DO NOT CONTACT THE AREA THAT HAS THE VACANCY.** Applications for staff vacancies are considered in accordance with Fair Employment practices (PS-3) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

***0091J, Counselor, Student Services, Counseling Services and Program Assessment, Career Development and Placement Services, University Park Campus** - Responsible to the assistant director for career counseling for providing career development and placement services at the University Park Campus. Requires a master's degree, or equivalent, in clinical or counseling psychology, counselor education, student personnel administration or related area, plus one to two years of effective experience. THIS IS A 10-MONTH POSITION. STAFF GRADE 7.

***0091J, Supervisor, Low Level Radiation Monitoring Lab, College of**

Engineering, Department of Nuclear Engineering, University Park Campus - Responsible to the director, Breazeale Nuclear Reactor, and the faculty member in charge of the LLRL, for ensuring quality control of the laboratory. Requires bachelor's degree in science or engineering, plus one to two years of effective experience, some of which is in laboratory procedures in chemical and radiochemical analytical techniques. Supervisory experience in analytical laboratory is desirable. Good oral and written communication skills are required. STAFF GRADE 6.

***0091J, Coordinator, Marketing and Advertising, Nittany Lion Inn, University Park Campus** - Responsible to the general manager, Nittany Lion Inn, for developing and implementing marketing plans and developing advertising materials. Schedule conferences and supervises assigned employees in the sales and catering department. Requires bachelor's degree, or equivalent, in marketing or related field and one to two years effective experience in hotel and sales catering. STAFF GRADE 6.

***0091A, Employment Specialist, Department of Human Resources, The Milton S. Hershey Medical Center** - Responsible to the associate director of human resources for assisting recruiting campaigns to include coordination of job announcement program, interviewing and screening applicants, conducting orientation programs, disseminating information on benefits, policies and procedural information and other

assigned projects. Requires bachelor's degree, or equivalent, in business or related field plus over one year up to and including two years of effective experience. STAFF GRADE 6.

***0091J, Administrative Head Nurse, Hershey Medical Center, Nursing & Medical Surgical, The Milton S. Hershey Medical Center** - Responsible to the nursing manager, assigned nursing unit, for assistance in handling the day-to-day administration of the assigned nursing unit, assume responsibility in manager's absence. Requires bachelor's degree in nursing from an accredited School of Nursing plus one to two years of effective experience and current license to practice as a registered nurse by the Pennsylvania State Board of Nursing. STAFF GRADE 6.

***0091B, Director of Development and University Relations, Development and University Relations, Penn State Harrisburg** - Responsible to the executive director of university development for all fund-raising programs and related activities for Penn State Harrisburg. Also responsible for supervising the public information and relations and alumni affairs programs. Requires bachelor's degree, or equivalent, in marketing, communications, or related field, plus four to five years of effective experience in fund-raising in a non-profit environment with a track record of successful major gift fund-raising. Evidence of skill in verbal and written communications and previous supervisory experience are essential. Travel required. STAFF GRADE 9.

***0091J, Director of Development and University Relations, Development and University Relations, Penn State Erie, The Behrend College** - Responsible to the executive director of university development for all fund-raising programs and related activities for the Behrend College. Also responsible for supervising the public information and relations and alumni affairs programs. Requires bachelor's degree or equivalent in marketing, communications, or related field, plus four to five years of effective experience in fund-raising in a non-profit environment with a track record of successful major gift fund-raising. Evidence of skill in verbal and written communications and previous supervisory experience are essential. Travel required. STAFF GRADE 9.

***0091B, Programmer, Pennsylvania State Data Center, Penn State Harrisburg** - Responsible to the designated project coordinator to participate in analysis, program design, coding, testing, documenting and other programming tasks required to produce reports, create logic statements, and maintain information files. Requires bachelor's degree, or equivalent, in computer science or related field, plus six to nine months of effective experience in computer programming. THIS IS A FIXED-TERM POSITION FUNDING THROUGH JUNE 30, 1991. STAFF GRADE 5.

***0091B, Economic Development Planner, Institute for State and Regional Affairs, Penn State Harrisburg** - Responsible to the director

Economic Development Center for activities related to economic development training, research and public service. Requires bachelor's degree or equivalent, in regional planning, public administration, or business administration plus over one year up to and including two years of effective experience in economic development activities to include business development and retention, international trade, marketing, project financing and other strategic planning. THIS IS A FIXED-TERM POSITION FUNDING THROUGH JUNE 30, 1991. STAFF GRADE 6.

***0092D, Systems Training Specialist, Penn State Great Valley** - Responsible to the supervisor, Computer and Information Systems, for design and delivery of training programs on data and voice systems. Provide day-to-day user support on data and voice systems. Requires bachelor's degree or equivalent in computer science or related field plus one to two years of effective experience in computersystems training or user support. STAFF GRADE 5.

***0092J, Library Assistant, Penn State Great Valley** - Responsible to the head librarian for coordinating and assisting in a variety of library processes to include circulation, reference, acquisitions, serials management, interlibrary loan, online searching, and/or functional areas as assigned. Requires bachelor's degree, or equivalent, plus nine to 12 months of effective experience in a library setting. STAFF GRADE 4.

Faculty Senate News

The University Faculty Senate will meet at 1:30 p.m. Tuesday, Sept. 11, in Room 112 Kern Graduate Building at University Park.

Items to be discussed at the meeting:
 -- Annual Report of the NCAA Representative
 -- Academic Requirements for the Big

Ten
 -- Summary of Student Petitions by College, Unit or Location
 -- Status of Construction Projects
 -- Awards and Scholarships
 -- Summary of Petitions for Waiver of the 10-Credit Limit for Nondegree Conditional Students (Student Policy 14-00)

opening of this fall's Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The program will include Russell Howland's Quartet No. 1, Pierre's "Chanson de la Grand Maman," and Lennie Niehaus' "Jazz Mosaic."

HUB exhibit

"Alan S. Klein: an exhibit of photographs," a series of photographs from what Mr. Klein calls his "Water Series" is on display until Sept. 23 in the HUB Browsing Gallery at University Park.

The exhibit consists of prints made from color slides and negatives. The images shown are primarily from the streams in Pennsylvania and a few from the East Coast of Maine.

"Of the many artists I have met in my lifetime," Mr. Klein said, "most of them have some philosophical reasoning behind their work and are willing to tell you why they created it this way or that. This is fine, but as for myself, I just enjoy

-- Summary of Academic Renewal Petitions
 -- Blue Sheet of Aug. 17, 1990
 -- Status of the Pennsylvania College of Technology
 -- Joint Committee on Insurance and Benefits
 -- Presentation by the Office of Human Resources

stumbling onto a beautiful scene and capturing it on film. I don't believe I am creating art with my 'Water Series.' I am just finding it."

Symposium scheduled

A free symposium that explores the link between art, science and technology will be held from 9 a.m. to 5 p.m. Saturday, Sept. 15, in the Playhouse Theatre, located in the Arts Building at University Park.

The symposium, inspired by the creative genius of 15th-century artist Leonardo da Vinci and aptly titled "Today's Leonardos," will consist of four sep-ate presentations by artists who use computers to explore the link between art, science and technology.

The symposium is a cooperative program between the Palmer Museum of Art and the colleges of Engineering and Arts and Architecture. It is being held in conjunction with "The Machines of Leonardo da Vinci" exhibit on display at the Palmer Museum through Nov. 4.

Focus on the arts

Continued from page 6.

Columns and the Weakness of Theory." The lecture is sponsored by the Department of Art History and the Institute for the Arts and Humanistic Studies.

Dr. Onians currently is a William B. Fleming Distinguished Visiting Professor at Syracuse University. He is founder and editor of *Art History*, the journal of the British Association of Art Historians.

Odyssey on WPSU

New Zealand writer Janet Frame, one of the "exiles in their own lands" discussed on the next "Odyssey Through Literature," makes her point by using "nonsense" language -- by breaking the language itself up into new constituent sounds, and moving it around.

"The purpose," explains Murray Martin of Tufts University, "is to show that we have reached the edge of language as we

know it. Language, he tells host Leonard Rubinstein, has become encrusted with these platitudinous things. We've got to break it open, speak with a new language. Responding to the comment, the language that empowers us cripples us, Mr. Martin continues. In a sense this is one of the important things about all colonial languages. Nothing exists until it's named, and the colonies were named by someone else.

"Odyssey Through Literature" is produced by the Department of Comparative Literature, and airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Saxophone quartet

The Penn State Saxophone Quartet will perform in concert at 12:10 p.m. Thursday, Sept. 13, in the Eisenhower Chapel at University Park.

The 20-minute concert marks the

Engineering forms radiation center

The College of Engineering has formed the Radiation Science and Engineering Center to recognize the breadth of nuclear testing, instruction, measurement, and experimentation at University Park.

The new center will integrate facilities already in place, including the Penn State Breazeale Reactor, Low-Level Radiation Monitoring Laboratory, Neutron Beam Laboratory, Gamma Irradiation Laboratory, Nuclear Materials Engineering Laboratory and Fast Neutron Irradiator.

The center will be headed by Marcus H. Voith, associate professor of nuclear engineering and director, Breazeale Reactor.

"Nuclear science and engineering provide important tools across a broad spectrum of disciplines," John A. Brighton, dean of the College of Engineering, said. "With the establishment of this center, Penn State will be able to offer a menu of nuclear related testing and analysis facilities to the University community and statewide."

The center will offer neutron and gamma irradiation, neutron activation analysis, radionuclide supply, neutron radiography and environmental monitoring.

It also will provide a basis for undergraduate education and graduate research. Technical training programs are conducted at the Breazeale reactor for engineers, reactor operators, and safety personnel.

The center will continue participation in the Reactor Sharing Program funded by the U.S. Department of Energy to encourage the use of Penn State facilities by other institutions for research and instruction. Currently, there are only 33 universities operating research reactors in the country. Penn State's Breazeale Reactor is the longest operating university reactor in the country. The TRIGA Training Research Isotope production by General Atomic — core replaced the original core in 1965 and produces a maximum of 1,000 kilowatts. The reactor was relicensed for 20 years in 1986. A microprocessor-based reactor control system currently is being installed.

Dr. Voith has been director of the reactor since June 1980 and his duties have included responsibilities for the Center's nuclear related laboratories.



Sheep graze in a field at University Park. In the background is Centre Community Hospital. (Photo: Greg Grieco)

International television programming is added

The University has added SCOLA (Satellite Communications for Learning) network, a Nebraska consortium that provides international television programming, to its educational services for students and faculty.

SCOLA programming is available on the Campus Network, which connects selected classrooms, offices, laboratories, auditoriums and dormitories at University Park to 12 channels of educational programming.

The Creighton University-based satellite

service provides international news and educational broadcasts 24-hours a day. SCOLA programming currently originates from countries such as France, Spain, Germany, the Soviet Union, Mexico, Greece, China, Japan, Iran, Turkey, England, Argentina and Kenya. The majority of these programs are transmitted live.

Mary Lyman-Hager, assistant professor of French, and supervisor of the University Learning Centers, said that SCOLA's availability to Penn State students via the

Campus Network provides immediate access to the cultures of foreign countries. In addition to being an excellent teaching tool for foreign language study, she notes, "the pictures tell a story, too, even if you cannot understand the language."

In addition to news programs, SCOLA is expanding to offer more broad-based foreign telecasts, including entertainment and children's shows. SCOLA's programming is now available in about 1,000 colleges and universities, and to cable systems in 25 major cities.

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7517.

William E. Campbell Jr., Editor
Deborah A. Benedetti,
Assistant Editor
Kathy Garman, Calendar

September 6, 1990
Vol. 20, No. 3

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\$284,985,000 sought from state for 1991-92

Trustees approve appropriation request

The Board of Trustees at its meeting Sept. 7 at University Park approved an appropriation request for 1991-92 that reflects the legislative support for Penn State and public higher education as well as the need to change an environment of underfunding.

Penn State is seeking a 1991-92 appropriation totaling \$284,985,000 including the College of Medicine at Hershey and the Pennsylvania College of Technology in Williamsport.

"The University's appropriations request for 1991-92 reflects both what has been and what we would like to see in state support for public higher education in Pennsylvania," President Thomas said.

"The Commonwealth's public colleges and universities are underfunded. We

estimate that Pennsylvania now ranks 47th among the 50 states with regard to support for public higher education, and the budget plan we are proposing reflects that underfunding.

"However, I am aware of the fiscal outlook in Pennsylvania and very much appreciate how well Penn State did with its 1990-91 state appropriation, given the leanness of the overall state budget. This year's state funding is helping the University hold a steady course. But now, we must press on to secure more adequate state funding for Penn State," he said.

The proposed appropriation request is a modification of the six-year-plan brought forward two years ago by the University to move Pennsylvania closer to the national average of state funding for public higher

education.

The University budget plan for 1991-92 calls for projected expense increases of \$50,982,000. A total of \$17,903,000 will be available in new income from planned tuition rate increases as well as increases in the recovery of indirect cost recovery and investment income.

Therefore, the University is asking the state for an increase of \$33,079,000 over the current year's funding of \$251,906,000, or a 13.1 percent rise.

The University budget plan represents projected expense increases of \$42,752,000 for basic operating costs for general University operations. The increase includes provisions for salary adjustments—unavoidable employee benefits cost increases, funds for the maintenance and

operation of new facilities, and departmental operating support.

"The majority of these funds will be required for faculty and staff salary adjustments and related employee benefits," Dr. Thomas said.

"Keeping academic and staff salary levels competitive with those of other institutions and the marketplace in general is an important priority. Every effort will be made to prevent erosion of Penn State's relative position in the area of salaries."

The projected increase for departmental operating support reflects the fact that there have been no increases in departmental allotments to cover basic operating costs for five years. The increase also would include limited funding for the highest priority.

Please see 'Appropriation' on page 4.

Smeal College of Business Administration is dedicated

More than 300 people—including corporate executives, Penn State trustees, top University administrators, alumni, faculty, staff and students—took part Friday, Sept. 7, in the dedication of The Mary Jean and Frank P. Smeal College of Business Administration at University Park.

The naming of the college, approved on July 13 by the Board of Trustees, honors the Smeals, two Rumson, N.J., alumni, who last November donated \$10 million to support business education at Penn State. It was the largest individual gift in the University's 135-year history and will be used to create five new faculty chairs and add significantly to the college's general endowment.

Speaking at the dedication ceremony, President Thomas said, "Mary Jean and Frank Smeal have demonstrated in the most outstanding way their commitment to excellence in management education and research. It is most fitting, therefore, that Penn State's commitment to leadership in the area of business administration be carried out under the Smeal name.

"The naming of a college for its greatest benefactors signals the emergence of a new academic identity," he added. "In the case of business administration at Penn State, the dedication of The Smeal College proclaims the strong consensus for quality that exists not only among faculty, students and staff, but also among the college's alumni and friends."

President Emeritus Jordan, commenting on the Smeals' many contributions to Penn State, said, "Though the Smeal name graces the College of Business Administration—and very proudly so—the Smeal influence reaches into the institution's core. This University is very fortunate to have that kind of support. It is a great source of

strength and encouragement for all those who carry out Penn State's work."

The Smeals both received bachelor's degrees from Penn State in 1942—Mary Jean Smeal in arts and letters and Frank Smeal in economics. After a 38-year career on Wall Street, he currently is a limited partner with the investment firm of

Goldman, Sachs & Co. Mary Jean Smeal has had a longtime interest in poetry and creative writing. Among the Smeals' numerous gifts to Penn State are major endowments for literature as well as business.

Noting the diversity of the Smeals' support for Penn State as well as their dedication and commitment, J.D. Hammond, dean of The Smeal College, said, "Taken to heart, these qualities point out the need for us not only to teach young managers courses in business, but the humanities, language and the arts as well.

"If we learn that lesson the impact on the study of business will be path-breaking and major."

Calling the Smeals' \$10 million gift "a powerful competitive tool in an intensely competitive arena," Dean Hammond said the endowment "gives us the resources we need to secure and sustain a leadership position in business education. Students and faculty members here will benefit from this legacy for years to come."

Also of benefit to students and faculty of The Smeal College will be a special gift of \$32,000 made earlier in the day by the partners of Goldman, Sachs & Co. to honor the Smeals. Presenting the gift on behalf of Goldman, Sachs was Paul Pomfret, an associate in the Security Sales Division of the firm and a Penn State alumnus with an



Mary Jean and Frank P. Smeal are shown with the plaque honoring their \$10 million gift. (Photo: Greg Grieco)

Please see 'Smeal' on page 4.

Focus on Diversity

Minority scholars sought for summer program

The University invites nominations and applications from minority scholars interested in teaching at one of Penn State's 21 locations during the summer of 1991.

The Scholars in Residence Summer Program is intended to provide teaching opportunities for holders of doctorates from institutions other than Penn State. They are expected to have some teaching experience.

Faculty chosen will teach courses in their specialties to either graduates or undergraduates at one of the campus locations; meet with students; attend University functions; engage in research, using the many opportunities and facilities

of a major research University, and become part of the summer community at the University.

"This is the fourth year for this very successful program," Nancy M. Tischler, director of the Office of Summer Sessions, said.

"The program provides an opportunity for minority scholars to spend time at Penn State and to become familiar with our activities and programs. We have established excellent relationships with the scholars who participated in the program over the past summers."

Dr. Tischler pointed out that courses

range from introductory level for underclassmen to graduate level depending on the campus or college and the background of the scholars. The scholars may be appointed at a variety of college-level teaching ranks, and from a variety of disciplines.

Interested applicants should request an application from Dr. Nancy M. Tischler, director of Summer Sessions, Spruce Cottage, University Park, telephone (814) 863-4174. Applications will be reviewed as soon as they are received, with a deadline of Nov. 1 for appointments in summer 1991.

WISE Forum hosts program

The WISE Forum, a new activity at University Park, will hold its first program, a brown bag lunch with a panel discussion on "Women in Leadership Roles-The Life of a Scientific Department Head/Director" from noon to 1 p.m. Friday, Sept. 14, in Room 301 Hetzel Union Building.

The three panelists taking part in the discussion are Jean Brenchley, director of the Biotechnology Institute; France Cordova, head of the Department of Astronomy, and Linda Maxson, head of the Department of Biology.

The Women In the Sciences and Engineering Forum is for anyone interested in supporting and encouraging women in science, engineering, and technology. It offers an opportunity where people (especially women) in scientific/technical professions and majors can meet each other, network, discuss issues, and share ideas.

The WISE Forum is not a formal organization. It has no membership requirements or dues. A planning committee organizes programs that currently include three brown bag lunches a semester.

For more information on the forum, contact Sharon Jadmack Luck, director, Women in Engineering Program, phone 865-7138.

Proposal workshop

A workshop on writing proposals for funding by the Equal Opportunity Planning Committee is scheduled for Sept. 24 from 8 a.m. to noon, in 301 Hetzel Union Building at University Park.

EOPC is responsible for recommending and overseeing special funding for new and continuing equal opportunity programs and activities.

The workshop is open to all persons at all campuses interested in submitting funding proposals for the 1991-92 academic year.

For registration information, contact EOPC at 860-0405. Registration deadline is Sept. 20.

WPSX-TV highlights programs

"Every day we're having problems with water rights, fishing rights, land rights, hunting rights, flying in the face of Indian sovereignty," Sam Cagney of the Lumini nation has firsthand experience with the threats to Indian sovereignty that continue despite assurances from the United States government that each Indian nation within U.S. borders is a sovereign nation.

Winds of Change: A Matter of Choice, airing at 1:30 p.m. Saturday, Sept. 15, on WPSX-TV, examines the threats faced by the indigenous people of America as they struggle to maintain their identity and sovereignty. Host N. Scott Momaday,

Pulitzer Prize-winning author, narrates this intimate look at three Indian nations, the challenges they face and the unique solutions they have found to protect their cultures.

Fifty years of American musical showmanship are profiled when "Mr. Wonderful," the late Sammy Davis Jr., shares the stage with John Williams and the Boston Pops Orchestra at 9 p.m. Friday, Sept. 14, on *Evening at Pops*. Mr. Davis sings such great songs as "It Only Takes a Moment," Duke Ellington's "Satin Doll," "I've Got To Be Me," "Candy Man," Mr. Bojangles and many more.

Ulerichs donate \$1 million for eye research

A prominent Clearfield newspaper and radio station owner and his wife have donated \$1 million to the Hershey Medical Center to support a clinical research center dedicated to problems of the eye.

"I am honored to accept this gift from Bill and Lee Ulerich on behalf of the University," President Thomas said. "Mr. and Mrs. Ulerich are sterling examples of the dedicated and concerned support that Penn State must have if it is to continue its leadership in the field of higher education."

The William and Alethea Ulerich Ophthalmology Research Center will be part of the Biomedical Research Building now under construction next to University Hospital.

"This contribution reflects Bill's and Lee's awareness of the College of Medicine's growing reputation as a source of excellent eye care," C. McCollister Everts, senior vice president for health affairs and dean of the College of Medicine, said. "Their generous and timely gift will support a much needed expansion of the Medical Center's ophthalmology research facilities."

As chairman and chief executive officer of the Progressive Publishing Co., William K. Ulerich, a 1931 Penn State graduate in liberal arts, owns and publishes the daily *Clearfield Progress*. He also owns WCPA-AM and WQYX-FM in Clearfield. Previously,



William K. Ulerich

he owned nine stations in Pennsylvania and Florida, including WJMA and WBVN in State College, which he sold in 1988.

Lee and I are proud to be able to make this commitment, and we hope that it will inspire others to join in supporting this facility," he said.

Having suffered with an eye problem for the past 41 years, I can say that we are especially pleased to aid the eye research

development of the Ophthalmology Department at the Medical Center.

Mr. Ulerich is president emeritus of the University's Board of Trustees, on which he served for 26 years, beginning in 1951.

Reappointed by several governors, he served until 1985 when he declined further appointments.

A former editor of *The Daily Collegian*, he served as editor of the weekly *State College Times*. He co-founded the *Centre Daily Times* in 1934 and served as its first editor and associate publisher. He also was an instructor and assistant professor of journalism at Penn State for 14 years.

He is past president of the Associated Press of Pennsylvania and the Pennsylvania Newspaper Publishers Association, which honored him with its Distinguished Service Award in 1960. He is past member of the Pennsylvania State Board of Higher Education and was appointed to the Pennsylvania Appellate Court Nominating Commission in 1979.

In April 1989, George Blankenship, a nationally known ophthalmologist, was recruited as professor and chairman of the new Department of Ophthalmology at the Medical Center. Under his leadership, the department has doubled the number of patient visits and increased to eight full-time faculty.

Scholarship created

A scholarship in food science has been established at the University with a \$50,000 bequest from John H. Hetrick, a 1938 Penn State graduate in dairy science.

Mr. Hetrick, a native of Beaverstown, was a longtime resident of Rockford, Ill., where he died last year. He retired in 1981 as director of environmental control for Dean Foods Co. of Rockford, with whom he has been associated for nearly 30 years.

The John H. Hetrick Memorial Endowed Scholarship, named by his wife, Blanche, who survives, will assist undergraduate and graduate students enrolled or planning to enroll in the Food Science Department in the College of Agriculture.

After graduating from Penn State, Mr. Hetrick held several positions in the dairy industry in the Midwest before joining Dean Foods in 1945, and was instrumental in leading the company into ice cream manufacturing. He earned a master's degree from Ohio State University in 1919 and a Ph.D. from the University of Illinois in 1947. He took a leave from Dean Foods to serve as professor of dairy technology at the University of Illinois from 1967 to 1974.

He was a 1934 graduate of Bedford High School and salutatorian of his graduating class.

From the Trustee Docket

1991-92 capital budget

The Board of Trustees has approved a 1991-92 capital budget request totaling \$197,289,000 for physical plant improvement projects.

Nineteen proposed construction projects account for \$176,050,000 of the request, and \$21,239,000 is earmarked for original equipment for previously approved construction projects.

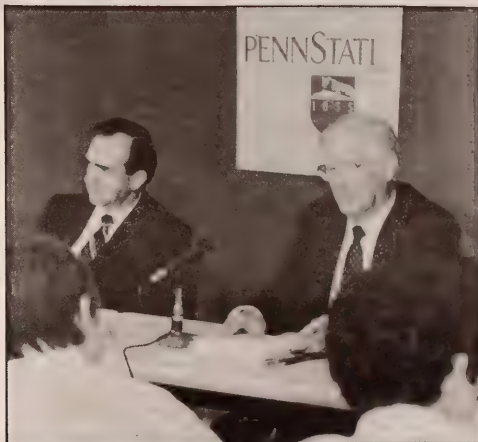
The University will submit its 1991-92 request to the Pennsylvania legislature and appropriate departments and offices of the Commonwealth.

President Thomas said the requests have been made in light of the most recent actions of the legislature, directions emerging from the University's strategic planning process and approved master plans for Penn State Erie, The Behrend College, and the Penn State Harrisburg and University Park campuses.

New construction includes nine projects at University Park, one at Penn State Behrend, one at Penn State Harrisburg, one at the Hershey Medical Center and seven at Commonwealth Campuses.

Projects to be funded and the amount requested for each are:

- Central Energy Production and Recovery Facilities, University Park, \$60,250,000. This project entails construction at two locations: the East Campus Heating, Chiller and Incinerator Plant and the West Campus Chiller Plant.
- Library and Classroom Building, Penn State Harrisburg, \$15,750,000. With



President Thomas (left) and H. Lloyd Huck answered questions at a press conference following the Board meeting Sept. 7. (Photo: Greg Grieco)

enrollment of more than 3,000 students, the Penn State Harrisburg campus is struggling to serve the instructional demands of the area in the original Olmsted Building with limited library

space.

-- Chemistry Building, University Park, \$22,500,000. This building is essential to the maintenance of bio-organic and synthetic research programs conducted by

faculty in the Department of Chemistry, now housed in Chandler Lab which is in need of complete renovation to remain serviceable.

- Paul Robeson Cultural Center, University Park, \$4,200,000. The cultural center currently is housed in a pre-World War II facility that was designed to be a temporary structure and is quite limited.
- Other projects include:
 - Renovations of Conklin Hall, Westling Building and General Studies Building, Mont Alto Campus, \$6,400,000.
 - Renovation of Research Buildings A, B, C, University Park, \$3,300,000.
 - Renovation of Weaver and Patterson buildings, University Park, \$5,250,000.
 - Administration Building, University Park, \$8,400,000.
 - Academic Building, Berks Campus, \$4,000,000.
 - Renovation of and addition to the Music Building, University Park, \$6,400,000.
 - Renovation of Sharon Hall and Sharon Hall Annex, Shenango Campus, \$6,200,000.
 - Renovation of Burrows Building, University Park, \$5,250,000.
 - Central Control System--Phase II, University Park, \$5,250,000.
 - Addition to Mitchell Building, University Park, \$4,400,000.
 - Classroom Building, Hazleton Campus, \$2,730,000.
 - Renovation of and addition to Ferguson Building, University Park, \$7,770,000.

Construction plans

The Board of Trustees has approved final plans and authorized the University to obtain bids for an addition that will double the size of the Palmer Museum of Art at University Park.

The \$5.6 million addition was designed by Charles W. Moore, a fellow of the American Institute of Architects, of Austin, Texas, and the firm of Arbones King and Associates, of Stony Creek, Conn. Among other features, the addition will provide nine galleries for display of the museum's permanent collection, a gallery for traveling exhibitions, a 150-seat auditorium and a new museum store.

The addition will reorient the museum to face Pattee Library across a plaza entry.

Approximately \$4.1 million has been raised toward the expansion's estimated \$5.6 million cost through an ongoing fund-raising campaign. In 1986, James R. and

Barbara R. Palmer of State College donated \$2 million and since then, another \$2.1 million has been contributed from private sources through The Campaign for Penn State.

Construction could begin as early as spring 1991, with a projected opening in early 1993.

In other action, Trustees:

-- Approved the sketch and preliminary plans for the new Master Building, which will accommodate the Hotel, Restaurant and Institutional Management Program in the College of Health and Human Development at University Park.

The building will be located directly east of the existing Keller Building and will be connected by two corridors.

The two-floor structure will have approximately 35,000 square feet, including production and research kitchens, a dining area, a computer laboratory, a technology

laboratory, classrooms and administrative, faculty and graduate offices.

It will be a steel structure with a brick-and-glass exterior. The total project budget is \$5.4 million. The majority of the project will be financed through private gifts.

-- Approved the final plans for several agricultural facilities to complement the Agricultural Science and Industries Building now under construction. The projects include a new poultry complex, a dairy complex and two greenhouses.

The poultry complex will be located north of the existing Headhouse No. 4 and will replace the existing poultry facilities next to the outdoor swimming pool.

The dairy complex, to be located with the existing dairy facilities off Park Avenue, will total 55,874 square feet.

The greenhouse complex will include 19,043 square feet of new construction featuring two greenhouses connected to the south side of the Agricultural Science and

Industries Building. A 5,300-square-foot Headhouse area already under construction will include a crop drying room and laboratory, office and storage space.

The total budget for the state-funded agricultural facilities project is \$13 million.

-- Approved the purchase of the Eastgate Office Building in downtown Harrisburg to permit expanded services to be offered to the community.

The unleased space in the two-year-old, three-story building at 1010 N. Seventh St. will be used primarily for Continuing Education programs and upper division-graduate courses. It also will provide flexibility for future growth of the Penn State Harrisburg Downtown Center at 234 N. Third St.

The Eastgate Building's 1.25-acre site includes 150 parking spaces. Much of the building's 56,000 square feet currently is rented and will continue to be rented.

Undergraduate programs

Trustees have reviewed a name change in an undergraduate option and the drop of an undergraduate major.

In the exercise and sport science major, the human performance and aging option will become the exercise gerontology option. The exercise and sport science major is offered in the College of Health and Human Development.

The transportation engineering technology major at Penn State Harrisburg has been dropped. Civil engineering technology faculty members had earlier determined that a need for such a program no longer existed.

The water resources engineering, technology and building construction technology programs offer a sufficient number of courses relevant to students interested in the transportation area.

Agriculture programs

The College of Agriculture's urban programming was the focus of a report by Dean Lamartine F. Hood to the Board of Trustees.

"The College of Agriculture is seen by most people as fairly narrowly focused on production agriculture," Dean Hood said. "Part of our mission as Pennsylvania's landgrant university is to serve the needs of

all 12 million state residents.

"What may be the college's best-kept secret is the breadth and depth of our urban programming. We have a wide diversity of urban programs available to Pennsylvanians residing in urban and metropolitan areas," he added.

Dean Hood discussed the college's urban programs and its efforts to aggressively recruit students from urban areas.

Please see 'Agriculture' on page 5.

Colleges of Agriculture, Education welcome alumni Three to receive Alumni Fellow award

Three graduates of the University will visit University Park beginning Sept. 19 to receive the Alumni Fellow award and meet with students and faculty members.

They are **John C. Datt**, executive director of the Washington, D.C., office of the American Farm Bureau Federation, who has been invited by the College of Agriculture to visit Sept. 19 to 22; and **John W. Moore**, president of California State University, Stanislaus, and **David Lawrence Tressler**, chairman and chief executive officer of Northeastern Bank of Pennsylvania, who have been invited by the College of Education to visit Sept. 19 to 23.

The Alumni Fellow award, presented by the Penn State Alumni Association, is one of the most prestigious of the association's awards. It is administered in cooperation with the colleges. The Board of Trustees has designated the title of Alumni Fellow as permanent and lifelong.

Mr. Datt is responsible for the American Farm Bureau Federation's activities in the nation's capital, including relations with Congress, the executive branch and regulatory agencies.

He will meet with agricultural economics students and faculty and will conduct a seminar on agricultural policy at 2:30 p.m. Sept. 20 in 301 Agricultural Administration Building.

Mr. Datt grew up on his family's dairy farm in western Pennsylvania and graduated from Mars High School in 1945. In 1949, he graduated from Muskingham College with a bachelor's degree in economics. He received his master's degree in agricultural economics from Penn State in 1951. In 1950, he joined AFBF's Washington staff as assistant director of the Fruit and Vegetable Commodity Department. He became executive director of the office in 1983.

A resident of Modesto, Calif., Dr. Moore received his bachelor's degree in social science and education from Rutgers University in 1961, his master's in counseling and personnel services from Indiana University in 1963, and his doctorate in higher education from Penn State in 1970.

As president of CSU, Stanislaus, since 1985, he has been instrumental in increasing the enrollment, visibility and

image of the university as a major institution in Central California. The former executive vice president of Old Dominion University, Dr. Moore also served as vice president for educational services and for policy and planning.

As vice chairman of the PNC Financial Group, director and treasurer of the Scranton Chamber of Commerce and second vice chairman of the Pennsylvania Bankers Association, Mr. Tressler has been recognized for his part in aiding the economic growth of Northeastern Pennsylvania and for his involvement in community and charitable activities.

Mr. Tressler was named a Penn State Distinguished Alumnus in 1984, the recipient of the College of Education's Outstanding Alumni Award in 1989 and is a life member of the Penn State Alumni Association.

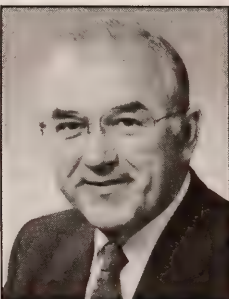
A resident of Clarks Summit, he received his bachelor's degree in education from Penn State in 1958, his master's degree in educational administration from the University of Pittsburgh in 1965 and graduated from the Rutgers' Stonier Graduate School of Banking in 1969.



John C. Datt



John W. Moore



David L. Tressler

Appropriation request

Continued from page 1.

program needs identified through the strategic planning and budgeting process.

In addition to the request for basic operating cost increases, Penn State is proposing special line item requests of \$7,500,000; deferred maintenance (\$3.2 million); the University Libraries (\$1.8 million); and scientific and engineering equipment (\$2.5 million).

For 1991-92, the debt service payment schedule for existing facilities at the Pennsylvania College of Technology approved by the Commonwealth calls for a payment of \$1,614,000. This will require an increase in the debt service line item of \$730,000.

Outlining projected income, the University is proposing a 4 percent increase

in tuition rates at all locations. That would mean an increase of \$119 per semester for resident University Park undergraduates. The increase will generate an additional \$15,528,000.

Other proposed income changes totaling \$2,375,000 are based on the recovery of indirect costs, investment income, and summer session tuition for a total income increase of \$17,903,000. The balance of \$33,079,000 requested from the state will cover the planned expense increases of \$50,982,000.

The University recognizes that students share in the increased costs of their education, but at the same time we are concerned about the critical problem of access," Dr. Thomas said.

Prior to 1989-90, tuition increases over

the previous 10-year period averaged about 10 percent annually. The last two years, with the assistance of the Tuition Challenge Grant Program, the University was able to moderate tuition increases for Pennsylvania undergraduate students.

We are requesting that the Tuition Challenge Grant dollars be folded into the Educational and General line item of the budget to insure the continuity of this funding. Were the Challenge Grant program to end, Penn State could face the prospect of extremely high tuition increases in the future.

It is the University's hope that the state government will continue and expand its commitment to the Commonwealth's public universities, and support the multi-year plan to move Pennsylvania public higher education forward.

Mike Reid stars in benefit concert

Altoona native Mike Reid -- football-player-turned-Grammy-Award-winning songwriter -- will return to Penn State for a concert Sept. 21.

The concert featuring Mr. Reid playing a concert grand piano will benefit the Ag Arena Complex and will be held at 8 p.m. in Eisenhower Auditorium at University Park.

Mr. Reid, a trained classical pianist who earned a degree in music from Penn State in 1969, quit an All-Pro career with the Cincinnati Bengals of the National Football League in 1975 to devote all of his time to music.

After five years of "paying his dues" in the music business, he moved to Nashville as a full-time songwriter. His song, "Inside," was recorded by country music star Ronnie Milsap in 1983 and quickly soared to the top of the country chart.

By 1984, Mr. Reid's songs were being performed by the biggest names in country music. He won a Grammy Award in 1983 for "Stranger in my House," and Mr. Milsap won another Grammy for his performance of Mr. Reid's "Lost in the Fifties Tonight." The song was on the American Society of Composers, Authors and Publishers' (ASCAP) list of most-performed songs of 1985, and earned Song of the Year honors from ASCAP, the Academy of Country Music and *Billboard Magazine*.

During his college years, his intensity and competitive drive on the football field earned him All-American honors and the Outland Trophy, an award for college football's best lineman.

Mr. Reid has returned before to help the University, including a performance at Penn State Harrisburg's 20th anniversary celebration to benefit the scholarship fund. For ticket information, call 863-0255.

Smeal College

Continued from page 1.

M.B.A. and a bachelor's degree in finance. The funds will be added to the college's general endowment.

The dedication ceremony featured the unveiling of a cast bronze plaque honoring Mary Jean and Frank Smeal to be installed in the Business Administration Building at University Park. The plaque was unveiled by Board of Trustees President J. Lloyd Huck, who officially dedicated the college. He was assisted by Jennifer Lewis, president of the Penn State MBA Association, and William Grenoble, representative of the Association of Business Doctoral Students.

A replica of the plaque was presented to the Smeals by President Jordan with the assistance of Carol L. Peters, president of The Smeal College's Undergraduate Student Council.

The ceremony was the second of its kind this year at Penn State. On May 12, The Eberly College of Science was formally dedicated in recognition of the generosity of the Eberly Family of Uniontown, Pa.

President Thomas addresses Board meeting

Following are remarks made by President Thomas to the Board of Trustees on Sept. 7:

I want first of all to say again how Marly and I appreciate the warm welcome that we have received at Penn State. We have literally been overwhelmed by all that the Penn State community has done to make us feel at home. We came knowing that this would be a memorable experience; we are now happy to say that it will be a satisfying experience. The support that you have already demonstrated is just marvelous.

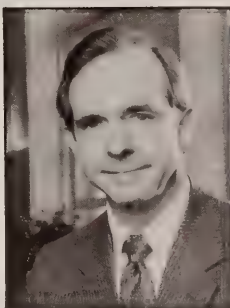
I tend to be brief in my oral presentations and hope that that fits comfortably with the Board's wishes in this regard.

There are just a few points that I would like to make, particularly observations based on my early knowledge of the University.

One deals with the management team. One of my first priorities was to meet each member of the Council of Academic Deans. I have now done this. Bryce Jordan had told me ahead of time that his group of deans was the strongest group of deans with whom he had ever worked. I concur in that observation from my first impression. This is a dedicated, committed group of deans - they're bright, they are energetic and they are certainly committed to improving each school and college. They have impressed upon me in very bold and, in some cases, strong terms the need for additional space. Working with this group is an exciting prospect, and I look forward to it.

I also agree with those who remind us that Penn State is now ranked among the very top public research universities of these United States and in the world at large. This is a fact and I am pleased to say that within that environment, I already have perceived a very strong commitment to continue to provide sensitive undergraduate education. I'm convinced that a major public research university does in fact provide a very, very compatible environment for undergraduate education. I'm pleased to see that commitment. And I am encouraged to find that undergraduates as well as graduate students at Penn State have access to a strong international program. Events of recent weeks - and certainly you will perceive from discussions we had yesterday afternoon - emphasize ever more strongly the need for an international approach and an international dimension to everything that we do in higher education. I hope to advocate further the importance of this with a committee assignment I have requested with the Association of American Universities.

Turning to a different, but related topic, I sent a letter just recently to the University community indicating that additional work needs to be done to take



President Thomas

advantage of the diversity that exists at Penn State. More funds will be required to meet fully the University's goals in this area. We need appropriate diversity in more than just our investment and endowment portfolios, obviously.

Penn State also is fortunate to have a very high quality student body. If the students I've met so far and I have had an opportunity to talk to several, are representative of the University at large, we do indeed have a very active, committed and intelligent group of students. They are aware of the world around them and they are, of course, the reason we work so hard. The talent on the non-academic side is equally impressive. The rapid, but thorough, budget preparations I've had have convinced me that the financial and budget controls are solid and that they are in place. The physical plant is clearly one of the most handsome anywhere in the country. Anyone can walk out and observe that very readily. The Division of Development and University Relations is a national leader. One only has to look at the recent success of the capital campaign to know that. The athletic program is vital, successful and - most important - respected for its integrity.

Looking to locations other than University Park, the University Medical Center is inspiring. It is ambitious and there is obviously a high quality faculty and staff at that location dedicated to providing to the people of Pennsylvania, and beyond, the very best in medical care and research. Penn State with its Commonwealth

Educational System, is the envy of many universities around the country. The presence in almost all of Pennsylvania is unique in its structure and, I think, a very strong organizational structure for higher education. I had the opportunity to visit the Hazleton Campus, and I have seen first-hand the commitment and promise which characterizes that campus, which I am convinced is representative of the campuses throughout the state.

The situation I've described for Penn State is a function of the fine leadership this University has had for several years. I have had leadership responsibilities in two other major universities, and I can tell you with certainty that it is much easier to advance an institution that is healthy, that has been well-managed, and is on the move, than to take one that has stagnated. I am very, very pleased to pick up the reins from the position that Bryce Jordan has left this University, and I can assure you that I plan to keep this University at a full gallop.

Standards will be a very important theme as we move forward. People who know me well know that this is a theme that I emphasize often. My recent experience in the classroom brought to my attention very vividly a disturbing decline in standards that we have experienced in our society - academic standards, ethical standards, productivity standards, even. A redefinition, a reassessment, of standards and how we apply these standards will obviously be a very important component that needs to be done by higher education in the next few years.

The challenge of managing your University, and may I now say our university, is a very meaningful one to me. Meeting that challenge, and being successful in that challenge, depends on an enormously complex set of relationships. As Lewis Thomas has said-and there is no personal relationship there. I would like to call him "Uncle Lewis," but he's not related so far as I know - in a quotation that is meaningful to me: "There is really no such creature as a single individual; he has no more life of his own than a cast-off cell marooned from the surface of your skin." This is a thought much more profound than the usual "We're-all in this together." But, indeed, we are all in it together, and we're bound together in a very tight and I believe, comprehensive and effective body here at Penn State.

I look forward to working with you. I appreciate more than I could state the warm welcome that you have given both to Marly and me.

Thank you.

Joab Thomas

Agriculture

Continued from page 3.

Noting that educational programming for adults, as well as youth, is available through extension offices in each county, Dean Hood said the Philadelphia extension office has 37 professionals and paraprofessionals and is the College's largest county extension operation. Penn State Cooperative Extension, the statewide, informal educational system of the College of Agriculture, employs 300 staff members in offices located in each of Pennsylvania's 67 counties.

"There is a pressing need for educational programming in the areas of leadership, environmental resource management and food safety," Dean Hood added.

PEDA grant establishes Anthracite Institute

A \$108,900 grant from the Pennsylvania Energy Development Authority and matching funds from the anthracite industry will establish the Anthracite Institute at the University under the auspices of the Combustion Laboratory.

"Penn State has traditionally maintained its coal research program at the cutting edge of coal technology," Peter L. Rozelle, director of the Anthracite Institute, said. "The creation of the Institute will ensure that anthracite remains a focus of attention."

PEDA, a part of the Pennsylvania Energy Office, funds research, development and demonstration projects that develop, promote or more efficiently use

Pennsylvania's energy resources. The grant is to establish an institute to serve as a technical extension service for the anthracite industry.

According to Mr. Rozelle, the main aims of the institute are to apply technical advances to creating new markets for anthracite coal and to maintain a technical extension service to ease anthracite into new markets and to help with existing markets.

"The extension office will be located at Penn State's Wilkes-Barre Campus to maintain a regular presence in the coal fields," he said. "The institute will have an advisory board consisting of representatives from the anthracite industry, independent

power producers and state government."

Anthracite coal is found in 11 counties in northeastern Pennsylvania where an area of 480 square miles is underlain with 7 billion tons of coal. Pennsylvania anthracite is a high-carbon, low volatile coal with 5 to 7 percent sulfur, making it a low-sulfur coal. The current market for anthracite is divided evenly among residential, commercial and industrial space heating; metallurgical uses; utilities; and cogeneration and miscellaneous uses. "Anthracite can lessen our dependence on imported oil for space heating and industrial uses," Mr. Rozelle said.

"Additionally, in many applications, it can compete directly with petroleum coke."

Focus on the arts

The arts on Channel 3

WPSA-TV's *Musica Musica Musica*, a new 60 minute documentary highlighting the 1980-90 activities and operation of the Altoona High School Music Department, will premiere at 10 p.m. Friday, Sept. 14. From full band practices, daily theory and harmony classes and choral rehearsals to the annual Christmas concert, spring musical and district band festival, *Musica Musica Musica* captures instructors and students rehearsing and performing as well as expressing personal feelings about their work and music.

Pianos dotted with nuts and bolts. Sonatas for conch shells. Music in which the notes are silent. The controversial musical ideas that spring from the unique mind of John Cage have influenced, outraged, intrigued and challenged audiences and fellow composers for more than 50 years.

The life and career of America's preeminent avant-garde composer are explored in "John Cage: I Have Nothing to Say and I Am Saying It," a one-hour documentary premiering as part of *American Masters* at 10 p.m. Monday, Sept. 17.

Behrend arts series

Cultural and performing arts series events for 1990-91 at Penn State Erie The Behrend College, include: Chautauqua Chamber Singers, Sept. 16; Sukay - Music of the Andes, Sept. 25; Michael Lane Trautman, mime-dance storyteller, Oct. 9; Four Guys Standing Around Singing, a capella group, Oct. 12; Elizabeth at 33, "one-woman drama, Oct. 24; Marylene Dosse professor of music and French pianist, Nov. 13; Penn State-Behrend Concert Choir, Nov. 20; Shiloh Baptist Choir, Jan. 21; Nicole Dreiske Performance Company, Jan. 31; Eric Bayfront Ballet, Feb. 15; Robert Howard, assistant professor of music, trumpet soloist, Feb. 21; Baltimore Consort, March 20; silent movie "Phantom of the Opera," April 9; Penn

State-Behrend Choir concert, April 21; and Jonathan Gilley jazz quartet, April 24.

Most events are free to the public. For more information, call (814) 898-0000.

Bracken Lecture Series

Peter Walker, principal of Peter Walker and Partners, Landscape Architecture of San Francisco, will open the Bracken Lecture Series, sponsored by the Department of Landscape Architecture.

His talk, "Landscape as Art," will be presented at 8 p.m. Tuesday, Sept. 18, in Room 112 Walker Building at University Park.

Mr. Walker is landscape architect with over 30 years of experience in the practice and the teaching of solutions to the problems of urban development and the physical environment.

In 1983 he formed his present office for the practice of landscape design, with a particular emphasis on personal service to a limited number of clients.



Peter Walker will give the Bracken Lecture at 8 p.m. Sept. 18 in 112 Walker Building.

He has been responsible for the conceptual and detailed designs of such projects as Foothill College, Los Altos, Calif.; Upjohn Headquarters, Kalamazoo, Mich.; and I.B.M. Research Center at Santa Teresa, Calif. He also has been involved in many other urban design projects across the country.

Museum film

"L. Leonardo: A Journey of the Mind" will be shown at 12:10 p.m. Thursday, Sept. 20, at the Palmer Museum of Art at University Park. The 54-minute film chronicles the creative genius of 15th-century Renaissance man Leonardo da Vinci, as told by his contemporaries who wrote about him.

The film is free and open to the public. For more information, contact the museum at 865-7672.

Brass Ensemble

The University Brass will perform in concert at 12:10 p.m. Thursday, Sept. 20, in the Eisenhower Chapel at University Park. The group consists of 23 brass players from the School of Music and is directed by Mark Lusk of the School of Music's faculty.

The 20-minute concert is part of the Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish. The program will include selections by Giovanni Gabrieli.

The audience is invited to bring a brown bag lunch to eat in the Informal Lounge after the performance. Coffee and tea will be provided.

Theatre Arts accredited

The Department of Theatre Arts recently received full accreditation from the National Association of Theatre (NAST).

NAST, recognized by the U.S. Department of Education as the accrediting agency covering the field of theatre, is comprised of less than 50 member institutions, including public and private colleges, universities, and independent

professional training institutions.

By means of accreditation, NAST can encourage those institutions that consistently give students a sound basis for significant future accomplishments in theater. Accreditation also imposes the responsibility for continued effort to strengthen theater education in general while providing a basis for public recognition of an institution's quality. For Penn State, the process took two full years, during which the theatre arts program underwent many changes.

According to Carole Brandt, head of the Department of Theatre Arts, "NAST provided a structure and also an impetus for us to revisit what we were, what we did, what we wanted to do. It then forced us to make some tough decisions."

Odyssey on WPSU

"To be sure, there are common features between the Easterner and the Westerner," says a character in TM's novel *The Pilgrim's Rules of Etiquette*, "but in the end their encounters remain barren... like the quince-orange tree."

On the next episode of "Odyssey Through Literature," Nasrin Rahimieh of the University of Alberta discusses with host Leonard Rubinstein M and other Iranian writers in exile.

Some, she says, have retained their language even though they have lost their readers. Others, in order to be read, embrace a new language and find their writing warped by the alien tongue. A third group, like M, write in Persian but translate their own works, publishing simultaneously in Persian (if the censors approve) and English.

It is in the act of translating their own works," says Ms. Rahimieh, "that they come across new ways of dealing with the double identity, the double perspective that they have."

Odyssey Through Literature is produced by the Department of Comparative Literature and airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

CES Libraries chief sought

The University Libraries have begun an internal search for the position of chief, Commonwealth Educational System Libraries. This academic administrator will provide leadership and direction for library services throughout the CES system. The chief will oversee the planning, organizing, developing, and directing of services, will facilitate the relationships between University Park operations and the campus libraries, and will have a major role in the recruitment and development of Libraries faculty at these locations.

The position requires an ALA accredited MLS, minimum of seven years' experience, preferably in an academic or research library system, including substantive administrative responsibilities; minimum

two years in Penn State system. Excellent analytical, planning, and communications skills, familiarity with the LIAS system, knowledge of collection development, resource sharing, and personnel management also are required. An additional advanced degree is desirable. Promotion and tenure potential will be considered.

Interested faculty should send a letter of application, resume, and list of three references to: Head, Search Committee, Chief, Commonwealth Educational System Libraries, The Pennsylvania State University, 1511 Pattee Library, University Park, Pa. 16802. Nominations are invited and may be sent to the same address. The deadline for applications is Oct. 8.

Obituaries

John Peter Hagen, professor emeritus of astronomy and a scientific pioneer in the fields of microwave electronics, radar, radio astronomy and rocketry, died Aug. 26 at the age of 82.

He was educated at Boston, (Phi Beta Kappa, valedictorian), Wesleyan, Yale and Georgetown universities. His career spanned five decades, beginning with microwave and radar work at the Naval Research Laboratory, where he was head of the Atmosphere and Astrophysics Department, before and during World War II.

While at the Naval Research Laboratory, he attended Georgetown University and earned the first doctorate in radio astronomy ever awarded.

He founded the Vanguard Division of NASA when NASA was formed. While at NASA, he was the director of the United Nations Conference.

In 1962 he moved from NASA to Penn State, where he was professor of astronomy and head of the Astronomy Department until his retirement in 1975. During his career he received honorary doctoral degrees from Boston, Adelphi, Loyola and Mount Allison universities.

Evelyn A. Jodon, residence hall worker B, Housing and Food Services, from July 6, 1959, until her retirement March 24, 1972, died Aug. 28. She was 83.

Thomas G. Shultz, maintenance worker, steam traps, Office of Physical Plant, from Aug. 10, 1970, until his retirement on disability July 27, died Aug. 28. He was 50.

University Park Calendar

September 13-- September 23

Special Events

Thursday, September 13
Bach's Lunch Concert, 12:10-12:30 p.m., Eisenhower Chapel.
■ Gallery Talk, 8 p.m., Palmer Museum of Art: Karen Jones Arbutman on "Debunking Rembrandt Myths."
■ Dept. of French, Commemorating the Bicentennial of the French Revolution, lecture, 8 p.m., 112 Kern: Lynn Hunt, Univ. of Pa., on "Family Images and Sexual Politics in the French Revolution."

Friday, September 14
Bloodmobile, noon-5 p.m., Natatorium.
Wise Forum, brown bag lunch and panel discussion, "Women in Leadership Roles-The Life of a Scientific Department Head/Doctor," noon-2 p.m., 301 HUB.
Geog. Coffee Hour, 4 p.m., 319 Walker: James Lynch on "Spatial and Temporal Trends in Acid Precipitation in Pennsylvania."
Center for the Performing Arts, 8 p.m., Schwab Aud. Jupiter Symphony.

Monday, September 17
■ German Dept., film, 8 p.m., 101 Chambers. *Edgar-Rott-Feld*.

Tuesday, September 18
John R. Bracken Lecture Series, Dept. of Landscape Architecture, 8 p.m., 112 Walker. Peter Walker on "Landscapes as Art."

Wednesday, September 19
Center for Women Students, Brown Bag Lunch Series, noon-1 p.m., 120 Bouck. Janet Swim on "Sexism and Racism - A Comparison."

Thursday, September 20
■ Brown Bag Lunch/film, 12:10-1:04 p.m., Palmer Museum of Art: *J. Leonardo da Vinci*.
Bach's Lunch Concert, 12:10-12:30 p.m., Eisenhower Chapel.

Friday, September 21
Commission for Women, meeting, 10 a.m.-noon, 101 Health & Human Dev. Bldg. East.
Geog. Coffee Hour 4 p.m., 319 Walker.
Norman Throver, UCLA, on "Maps and the Columbian Encounter."

Sunday, September 23
School of Music, 4 p.m., Recital Hall. Carl Blake, piano.

Public Radio

WPSU-FM 91.1
All Things Considered, Monday-Friday, 5:30-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m.; Odyssey Through Literature, 12:30 p.m.; Wednesdays, with S. Leonard Rubinstein. Perspectives, 6:30 p.m. Wednesdays.

Conferences

Continuing Education
Keller Building
Sept. 17-19, Acoustic Emission/Microseismic (AE) VSI Techniques and Their Applications in Mining and Geotechnical Engineering. H. Reginald Hardy Jr., professor of mining



The columns of Henderson Human Development Building at University Park were photographed by Greg Grieco.

engineering and chair, geomechanics section, director; Eric Loop, coordinator.
Sept. 18, Pennsylvania Bar Institute, Estate Practice Update, Shirley Hendrick, assistant dean for continuing education, Small College of Business Administration, chair; Jerri Milson, coordinator.

Sept. 18-21, Bioreactors for Cell Cultures, Jim Shiller, manager of training, Biotechnology Institute, chair; Eric Loop, coordinator.

Sept. 20-21, Pennsylvania Ceramics Association Guy Rindone, professor emeritus of ceramic science, chair; Barb Impellitteri, coordinator.

Sept. 22-23, Symposium on Sports Injuries in Young Athletes, Howard Knutigen, director, Center for Sports Medicine, chair; Norm Lathbury, coordinator.

Seminars

Thursday, September 13
Polymer Science, 9 a.m., 301 Steidle. Jan Bock, Exxon, on "Hydrophobically Associating Polymers."
Economics and Institute for Policy Research and Evaluation, 2-30 p.m., 203 Willard Dennis W. Carlton, Univ. of Chicago, on "The Theory of

Allocation and Its Implications for Markets and Industrial Structure."
Ecology, 3:45 p.m., 110 Warkh: Kimberlyn Nelson on "Genetic Structure of Hybridizing White-Footed Mice (*Peromyscus leucopus*)."
Friday, September 14
Special Physics/Math Colloquium, 4:30 p.m., 102 McAllister: Jerry Gollub, Harvard College and Univ. of Pa., on "Nonlinear Dynamics of Water Waves."

Tuesday, September 18
Chemical Engineering, 2:45 p.m., Paul Robeson Cultural Center Aud. Anthony J. McHugh, Univ. of Illinois, on "The Interplay of Mass Transfer and Thermodynamics in the Phase Inversion Process."

■ Geosciences Colloquium, 3:45 p.m., 301 Steidle: Marcus McNitt MIT on "The South Pacific Superswell."
Condensed Matter Physics, 4 p.m., 330 Davey Lab P. Persano Rensselaer Polytechnic Institute on "Optical Properties of Semiconductor Nanocrystals."

Wednesday, September 19
Accounting and MIS research colloquium, 3:30-5:30 p.m., 333 Beam. Terrence Shellv, Univ. of Washington.

Thursday, September 20
Proposal Information seminar, 9:30-11 a.m., 141

Computer Bldg. Sept. 21, 1:30-3 p.m., 141.
Computer Bldg. Registration, 8:30-10:45.
History Colloquium, 4 p.m., Memorial Lounge.
Eisenhower Chapel, Samuel C. Thalhiser on "Scholarly Publishing and the Penn State Press."
■ Gerontology Center Colloquia, 4:45 p.m., 106 Mitchell: Nana Y. L. Pedersen Ottosen, Karolinska Institute, Sweden, on "Personality in the Swedish Adoptive Twin Study of Aging."
Physics Colloquia, 4 p.m., 55 Osmond Lab: Mark Cardillo, AT&T Bell Labs, on "Surface Physics Viewed from Within."

Exhibits

Chambers Gallery
Chut Diao, paintings, through Oct. 5.
HUB Galleries
Browsing Gallery:
Alan Klein, photographs, through Sept. 23.
Art Alley Panels:
Rina Banerjee, oil paintings, through Sept. 23.
Art Alley Cases:
SCASD adult pottery class exhibit, through Sept. 23.

Formal Gallery:
■ Spectacular Vernacular: Traditional Desert Architecture from West Africa and Southwest Asia, through Sept. 23.
Palmer Museum of Art
Selections from the Permanent Collection, through Oct. 7.
The Presence of Absence: New Installations, through Oct. 14.
■ The Machines of Leonardo da Vinci, through Nov. 4.

Pattco Library
West Lobby Gallery:
Permanent collection from the Arts Library, through Sept. 7.

Zoller Gallery
Shagunessy/Greenberg Installations, through Sept. 30.

TIPS

Information Penn State
Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are listed in the front of the telephone directories. Other messages are Weather-234, Arts Line-345; University Calendar-456.

■ Reflects an international perspective

Bookshelf

Hoi K. Suen, associate professor of educational psychology, is the author of *Principles of Test Theories*. The text, published by Lawrence Erlbaum Associates, provides a comprehensive survey of reliability, validity and item analysis from the perspective of classical test-score models, generalizability theory, item response theory, criterion-referenced testing and behavioral assessment.

Atherton Hall Mentor position to assist University scholars

A search committee chaired by John Moore, assistant professor of English, has been formed to identify candidates for the position of Atherton Hall Mentor. The position is sponsored by the University Scholars Program in conjunction with Residence Hall Programs.

Purpose of the mentor position is to provide a faculty presence in Scholars House, located in Atherton Hall. Scholars House residents include 400 University Scholars and 100 independent students who form an academically oriented living community. Atherton Hall also houses 11 faculty apartments and two visitor apartments. The mentor will live in the hall in an apartment suitable to accommodate a small family.

The Atherton Hall Mentor will be

expected to promote intellectual exchange among Scholars House residents by assisting them to "network" with others in the House who share their interests, and by encouraging informal gathering to explore appropriate topics that extend beyond their formal coursework.

The mentor will be affiliated with the University Scholars Program and report to the program director. The appointment is for up to three years, with the possibility of renewal for a second term.

Review of applications will begin Oct. 8 and continue until the position is filled. Applications and nominations should be submitted to Atherton Mentor Search Committee, University Scholars Program, 214 Willard Building, University Park.

Bookshelf

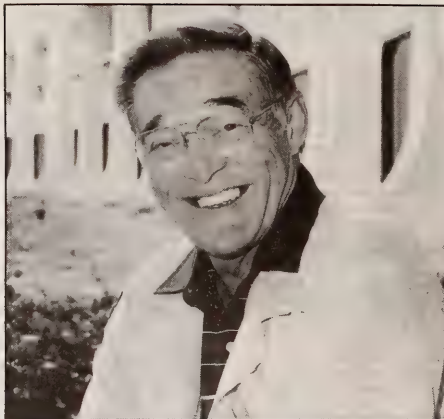
Tien Tsong, distinguished professor of physics in the Eberly College of Science, is the author of *Atom Probe Field Ion Microscopy: Field Ion Emission and Surface and Interface at Atomic Resolution*, published by Cambridge University Press.

The book is a sequel to the well-known 1969 edition of *Field Ion Microscopy: Principles and Applications*, written by the late Erwin Mueller, Evan Pugh professor of physics, and Dr. Tsong.

Dr. Tsong's new book details developments since 1969, emphasizing both the basic principles and scientific studies of atom-probe field ion microscopy.

James A. Bardi, instructor in hotel, restaurant and institutional management and director of the hospitality management program at the Penn State Berks Campus, is the author of *Hotel Front Office Management* (Van Nostrand Reinhold, New York).

The book explains how to develop the theoretical structure which future front office managers must have in order to effectively run the front desk department. It explores objectives, procedures, training programs, incentive plans, budgets, tracking systems, communication feedback and the front office's role as liaison between management and all other service departments.



Penn State People

Richard Holsberg

Hershey Medical Center volunteer tour guide Richard Holsberg is content with his job. "Everybody else does all the work, and I get to stand up in front of groups and brag about it," he says. Over the last 11 years, his face has become as familiar as the new buildings that have sprouted on the 550-acre campus. An optometrist in Harrisburg until health problems forced him to retire, he is on a first-name basis with most Hershey staffers. Although he receives no pay, he says, "There's no one I could explain how rewarding this work is." (Photo: Greg Grieco)

Worriers sought

Thomas D. Borkovec, professor of psychology, is looking for "anxious" people. Most people worry, but for some, worrying is excessive, unrealistic, or overwhelming.

The Stress and Anxiety Disorders Institute in the Department of Psychology is conducting an ongoing research study which is designed to help people with generalized anxiety disorder.

You may be experiencing GAD if: you worry excessively or unrealistically or are overly anxious much of the time; you have experienced this excessive worrying or anxiety for at least six months; when worried or anxious you also experience physical symptoms such as trembling, muscle tension, restlessness; these concerns are not about having panic attacks.

Subjects (ages 18-65) included in the study will receive 14 free sessions of individual psychotherapy as well as assessments before and after the therapy period. They also will be asked to complete various questionnaires throughout treatment.

If you believe that you are experiencing GAD and would like to be considered for this program, please call (814) 865-1725.

Staff Exempt

Vincent R. Geier to financial services support coordinator at Hershey.

Gregory D. Goldsmith to programmer/analyst B in Management and Systems Engineering.

Diane S. Greenfield to DUS writer/adviser in Undergraduate Programs.

Nancy J. Kurtz to administrative assistant in Health and Human Development.

Earl N. Martin to supervisor, trades in Office of Physical Plant.

William A. Masullo to producer-director in Commonwealth Educational System.

Daniel T. Monthley to athletic trainer II in Intercollegiate Athletics.

Maria Nyvak-Mooney to laboratory safety and waste disposal specialist in University Safety.

Donald Richards to interlibrary lending supervisor in University Libraries.

Joseph M. Sindoni to program coordinator, Limerick Community Education Program in Engineering.

Ruth Ann Witmer to manager, general stores in Office of Business Services.

Promotions

Staff Non-Exempt

April M. DeGeorge to assistant extension agent in Agriculture.

Virginia Gilman to research aide in Science.

Peggy A. Hitz to administrative aide at Hershey.

John R. Horn to senior psychiatric clinic coordinator at Hershey.

Julius Lorinc to surgical technician at Hershey.

Monica L. Morgan to research technician at Hershey.

Tracy L. White to cardiovascular technician at Hershey.

Clerical

Ginger L. Bloom to accounting clerk in Corporate Controller's Office.

Donna L. Doerr to secretary C in Science.

Carol G. Erley to secretary A in Agriculture.

Judith A. Fenush to secretary B in Intercollegiate Athletics.

Judy A. Fitzgerald to secretary B in Agriculture.

Constance J. Francis to clerk A at McKeesport Campus.

Karen S. Kerstetter to secretary B at Capital College.

June M. Kochan to accounting clerk in Housing and Food Services.

Patricia L. Murnyack to secretary C in Housing and Food Services.

Patricia Notaromas to senior clerk, lending in University Libraries.

Amy J. Olenick to clerk, service desk in Office of Physical Plant.

Linda C. Plozner to control clerk B in Division of Development and University Relations.

Amy L. Pyle to secretary C in Agriculture.

Thomas R. Sheaffer to receptionist typist in Earth and Mineral Sciences.

Sharon J. Smith to clerk A, interlibrary lending in University Libraries.

Nancy C. Thomas to control clerk A in Academic Services.

Patricia J. Yackley to secretary B in Research and Graduate School.

University faculty and staff members receive awards

Humboldt award

Peter J. Webster, professor of meteorology, has received a Humboldt Research Award for Senior United States Scientists.

The award is sponsored by the Alexander von Humboldt Foundation of the Federal Republic of Germany and promotes scientific cooperation among research institutions in the United States and Germany.

Dr. Webster will spend part of a sabbatical leave at the University of Munich, where he will continue his research into the dynamics of low-frequency phenomena with emphasis on low-frequency climate variability in the tropics at a time-scale of weeks to years.

Dr. Webster, who also is chairman of the Tropical Ocean Global Atmosphere program's Scientific Steering Group, co-chief scientist of TOGA Coupled Ocean-Atmosphere Response Experiment and co-chairman of the TOGA COARE Science Working Group, is the recipient of a National Science Foundation Special Creativity Award from the Division of Atmospheric Sciences, Climate Dynamics Program.

NSF Creativity Awards are made "to especially creative scientists who have made significant contributions to their fields of research and who have strong potential for further creative and productive science."

Fayette Campus award

Harriet L. Galida and Jamie A. Onesi, the Academic Affairs Support Team at the Penn State Fayette Campus, have received this year's Campus Support Service Excellence Award. Purpose of the award is to encourage excellence in campus services to faculty, staff and students.

Ms. Galida, who has been at the campus 15 years, and Ms. Onesi, who has been a campus staff member for 13 years, both report to Nancy J. Treat, acting director of academic affairs. They each received a \$500 cash award and their Academic Support Team name will be listed on the Support Service plaque in the Eberly Building on the campus.



Harriet L. Galida

Personnel award

Rosalie Villanova, secretary at Penn State Great Valley, has received the 1989-90 Outstanding Office Personnel Award from the Penn State Chapter of Educational Office Personnel (PSEOP).

Ms. Villanova received a U.S. savings bond, certificate of recognition, and a one-year membership in PSEOP.

Also honored as finalists were secretaries Sheri Coval, formerly of the College of Business Administration at University Park, and Sandra Shellenberger, of the Penn State York Campus. Each received a certificate of recognition and a one-year membership in PSEOP.

PSEOP, which is open to employees classified as faculty, staff, nonexempt, clerical and technical service, is working toward increased recognition of educational office personnel by developing an awareness, both from within and outside the University community, of the high professional level of office personnel at Penn State.

Officers of the organization are Sharon Rolley, president; Jenny King, secretary, and Donna Schroyer, treasurer.

Pharmakon award

Richard N. Barshinger, associate professor of mathematics at the Penn State Worthington Scranton Campus, has received the 1990 Pharmakon Laboratories Award for Excellence in Scholarship.

The award was instituted in 1988 by Richard and Sally Matthews to annually recognize a member of the campus faculty for scholarly and research activities.

Dr. Barshinger received a bachelor of physics degree from Lebanon Valley College, masters degree in mathematics from Penn State, and Ph.D. in mathematical sciences from the State University of New York at Binghamton.

An innovative teacher of mathematics, Dr. Barshinger has been a pioneer in using microcomputers in the instruction of matrix algebra. Since joining the Worthington Scranton Campus faculty in 1970, he has developed several new courses and has received grants from Computer Based



Jamie A. Onesi



The Penn State Chapter of Educational Office Personnel honored, from left, Sheri Coval, Rosalie Villanova and Sandra Shellenberger. See story on this page.

Educational Laboratories and Penn State for various projects.

Elected to the New York Academy of Science in 1985, he is listed in the second edition of *Who's Who in Frontiers of Science and Technology*.

Teaching/advising award

John D. Baldon, associate professor of mathematics at the Penn State Worthington Scranton Campus, has received the 1990 Advisory Board Award for Excellence in Teaching and Advising.

The award was instituted last year to recognize a faculty member who has demonstrated innovative and dedicated teaching and advising techniques.

Dr. Baldon received a bachelor of science degree in mathematics from Lafayette College and master of science degree in mathematics from Rutgers University. He was awarded a Ph.D., also in mathematics, from the State University of New York at Binghamton.

He joined the campus faculty in 1970 as an instructor, was named assistant professor in 1971 and associate professor in 1976. Previously, he served as instructor at the State University of New York at Binghamton and at Rutgers University.

At Worthington Scranton, he has been active on campus committees, including commencement, academic affairs, and faculty affairs. He currently serves as a member of the University Faculty Senate.

Hazleton Campus award

Joseph M. Boyle, assistant professor of accounting at the Penn State Hazleton Campus, has received the first annual George T. Bobby Excellence in Academic Advising Award. His name will appear on a plaque that will be placed in the campus advising center.

The award to recognize excellence in student academic counseling has been established in memory of George T. Bobby, who until his death in August 1989 had been a professor of physical education at the Hazleton Campus. Professor Bobby's career with Penn State included many years of outstanding student academic counseling activities.

Professor Boyle joined the faculty in 1967. In addition to his responsibilities at the campus, he has presented lectures to the Hazleton Area Management Club, and conducts income tax workshops, mini-computer workshops, and management information systems programs. He is a past president of the campus Faculty General Assembly, and has been faculty adviser to the Circle K student organization.

Professor Boyle received his B.S. degree in accounting from Penn State, and holds an M.B.S. degree from the University of Scranton. He is a certified public accountant and a member of the Pennsylvania Institute of Public Accountants.

DuBois Campus award

Susanne R. Delaney, instructor in English at the Penn State DuBois Campus, has received the "Educator of the Year Award" from the DuBois Educational Foundation (DEF) the campus advisory board.

The award is given to an instructor at the campus who meets not only the requirements of educational excellence in the classroom, but also extends the teaching relationship with students beyond the classroom.

Ms. Delaney has been an instructor in English since fall 1969. In that time, she has taught not only the basic composition courses, but also comparative literature, as well as technical writing and many special topics courses.

She was the editor of the DuBois Campus Title III grant from the U.S. Department of Education. Through these efforts the campus received a grant totalling \$300,000-part of the money to be used to establish a computer instructional classroom. She taught sections of technical writing both day and evening and was willing to learn a new word processing program so she could pass that knowledge on to her students.

Ms. Delaney coordinates the Writing Across the Curriculum program for the campus.

She received her B.A. degree from Penn State and her M.A. in English and American literature and medieval languages from Cornell University.

Appointments

LaVerne Gyant has been appointed interim director of the Black Studies Program. A graduate of Cheyney State University, she received M.S. and Ed.D. degrees from Penn State.

Dr. Gyant has taught in the Black Studies Program since August, 1987, and has been responsible for developing new courses for the program. Her research interests are African-American women's studies, and the history, participation, and contribution of African-Americans to adult education.

She is a member of the American Association of Adult and Continuing Education, Association for the Study of Afro-American Life and History, and the National Council of Black Studies.

At the University she has served on the Resource Committee for the President's Committee on Recruitment and Retention, the Curriculum Integration Conference Planning Committee, and the Science, Technology, and Society Program Review Committee.



LaVerne Gyant

Clare M. Kristofco has been appointed assistant to the dean in the College of Engineering.

In this position, she writes and edits reports, studies and planning documents as well as researching and analyzing information and data for operational, policy and planning purposes.

A 1982 Penn State journalism graduate, Ms. Kristofco had been the promotions, community service and research manager of the *Centre Daily Times* since 1987.

At the CDT, she was city editor from 1984-87, assistant city editor from 1983-84 and the community news editor from 1982-83.

She is active in the Center County Women's Resource Center where she serves as newsletter editor and on the board. She is a member of Kappa Tau Alpha, the national journalism scholarship society.



Clare M. Kristofco

David J. Lieb has been named development officer in the Smeal College of Business Administration.

He joins the college after having served as a regional coordinator with the University's Office of Development, recruiting, training and coordinating volunteer alumni fund-raising committees in major metropolitan areas. In his new position, he will assist in the development of financial support for the Smeal College.

Prior his experience at Penn State, Mr. Lieb was a district executive in fund raising for the Boy Scouts of America. He holds a bachelor's degree from Indiana University of Pennsylvania and is pursuing a master's degree in higher education at Penn State.

Barbara M. Merritt has been appointed administrative assistant to the dean of the College of Engineering.



Barbara M. Merritt

Ms. Merritt has worked in various positions at Penn State since 1977, including secretary to the senior vice president for administration and to the Board of Trustees. She joined the College of Engineering in 1988 as secretary to the dean.

She is a member of the Penn State Advisory Committee, the Alumni Association and the Penn State Credit Committee, serving as secretary to that group from 1988-89.

A native of Kentucky, Ms. Merritt attended Kentucky State University and Western Kentucky University. She received an associate degree in letters, arts and sciences in 1986 from Penn State and currently is working on a bachelor's degree in public service.

Faculty/Staff Alerts

Smoking policy to be evaluated

The University's no-smoking policy has been in effect for over a year. Last spring, a group of faculty and staff, led by the Center for Workplace Health Enhancement, was asked to evaluate the impact of the policy on the work environment and Penn State employees.

Recently, a random sample of one-third of the faculty and staff at all Penn State locations was sent a questionnaire which will measure changes in smoking behavior and absenteeism as well as attitudes toward the policy and the workplace, and the use of stop-smoking programs as a result of the policy. The information from this survey will help identify strengths and weaknesses of the policy and make recommendations for improvements, if necessary.

Faculty and staff members who receive the questionnaire are asked to complete and return it by Sept. 21. All cooperation with this project is greatly appreciated.

Vietnam/disabled veterans

The University is a government contractor subject to Section 402 of the Vietnam Era Veterans Readjustment Assistance Act of 1974, as amended. This regulation requires government contractors to take affirmative action to employ and advance in employment qualified disabled veterans and veterans of the Vietnam era.

A "disabled veteran" is a person entitled to disability compensation under laws administered by the Veterans Administration, for disability rated at 30 per centum or more, or a person whose discharge or release from active duty was for a disability incurred or aggravated in the line of duty.

A veteran of the Vietnam era is defined as someone who served on active duty for at least 180 days during the Vietnam crisis (between Aug. 5, 1964, and May 7, 1975), and qualifies for coverage during the first four years following discharge from the service.

If you are a disabled veteran or Vietnam veteran covered by these definitions and would like to be considered under the affirmative action program, please contact The Affirmative Action Office (863-0471).

The information requested is voluntary and will not be used to adversely affect the terms and conditions of your employment. It will be kept confidential, except that (1) supervisors and managers may be informed regarding restrictions on work duties and necessary accommodations, and (2) first aid personnel may be informed, when and to the extent appropriate, if the condition might require emergency treatment.

Parking fee

Faculty and staff members who park at University Park are reminded that the parking registration fee for center core parking lots and certain other lots will rise from \$8 to \$12 per month, effective this month.

Those who are paid monthly will see the

\$12 deduction in their September paychecks. Those who are on wage payroll or the regular biweekly payroll will see the new fee reflected in their Oct. 5 paychecks.

The parking registration fee for lots outside the center core, open lots and part-time lots will remain at \$8 per month. Anyone who parks in a center core or other lot affected by the fee increase may opt to move to an open or part-time lot. This option is available at any time by contacting the college or department parking chairperson or the University Parking Office at 863-0321.

Carpooler

Tim Williams is looking for one or two riders from the Philipsburg area to University Park for a vanpool. Work hours are 8 a.m. to 5 p.m. Call him after 6:30 p.m. at 342-3827.

Penn Staters

Howard G. Knuttgen, director of the Center for Sports Medicine, has been appointed chairman of the Program Committee for the 2nd World Congress of Sport Sciences to be held in Barcelona prior to the next Summer Olympic Games.

Richard Devon, associate professor of engineering, has been elected chair of the Liberal Education Division and program chair of the Engineering and Public Policy Division of the American Society for Engineering Education.

Joseph Goldberg, associate professor of industrial engineering, presented a paper titled "Orientation Perception in Farm Tractor Overturn: A Modeling and Simulation Approach" at the annual International Industrial Ergonomics and Safety Conference in Montreal, Canada.

Harold Groff, assistant professor of engineering, has been elected to the board of directors of the National Association of Radio and Telecommunications Engineers.

Catherine Harmonicosky, assistant professor of industrial engineering, spoke on "Laboratory Development in Industrial Engineering at Penn State" at the American Society for Engineering Education Conference in Toronto, Canada.

J. Cordell Hatch, professor of agricultural communications, currently on assignment in Pakistan with USAID, has received the "International Service Award" from Agricultural Communications in Education, global society of development and information specialists.

Sanjay Joshi, assistant professor of industrial engineering, presented a paper titled "Intelligent Control of FMS" at the International Conference on Modern Production Concepts-Theory and Applications in Hagen, Germany.

Soundar R. Kumara, assistant professor of industrial engineering, presented papers at the Council of the International Institute of Production Engineering Research Workshop at the University of Twente in Enschede, The Netherlands, and at the Council's 40th General Assembly in Berlin, Germany. Dr. Kumara also gave an invited talk at the Austrian Institute of Artificial Intelligence in Vienna, Austria.

El-Amine Lehtihet, assistant professor of industrial engineering, presented a paper titled "Statistical Models for the Relationship Between Production Errors and the Position Tolerance of a Hole" at the 40th CIRP General Assembly in Berlin, Germany.

H. Leroy Marlow, professor emeritus of management development, has been honored by the U.S. Small Business Administration for his more than 25 years of serving the small business community throughout the Commonwealth.

Deborah Medeiros, associate professor of industrial engineering, co-authored a paper she presented at the 1990 Japan-USA Symposium on Flexible Automation in Kyoto, Japan. The paper was titled "Tolerance Estimation for Linear Features: A Statistical Approach."

Richard A. Queeney, professor of engineering mechanics, presented a paper titled "Mechanical Behavior of Ceramic Reinforced High Speed Tool Steels" at the 1990 World Congress of Powder Metallurgy in London, England.

John D. Sink, campus executive officer at the Penn State Fayette Campus, has received the Active Legion of Honor from the International Supreme Council, Order of DeMolay, for his leadership in higher education and dedicated service to DeMolay.

Joseph J. Trautlein, medical director of Healthpass PPA and associate professor of medicine at the Hershey Medical Center, has been elected second vice president of the American Board of Quality Assurance and Utilization Review Physicians. He also was board certified by the organization.

Richard E. Tressler, professor of materials science and engineering and director of the Center for Advanced Materials, presented the opening invited lecture in the symposium on "Advanced Structural Inorganic Composites" at the 7th CIMTEC World Congress on Ceramics in Montecatini Terme, Italy.

Stephen R. Turns, professor of mechanical engineering, presented a paper at the international 1990 Workshop on NOx Formation Mechanisms in Natural Gas Flames at the Chateau D'Esclmont, St. Symphonie-le-Chateau, France.

Stephen J. Benkovic, Evan Pugh professor of chemistry and holder of the Eberly Chair in Chemistry, has been selected as a Wellcome Visiting Professor in Biochemistry. The highly competitive award, sponsored by the Burroughs Wellcome Fund, allows medical schools, universities, and other scientific research institutions within the United States to host a Wellcome Visiting Professor at their institution.

Peter J. Dean, assistant professor at Penn State Great Valley, discussed the competencies of instructional and performance technology at the First

Australasian Regional Conference of the National Society for Performance and Instruction in Sydney, Australia.

Robert O. Herrmann, professor of agricultural economics, presented a paper, "The Involvement-Information Search Relationship under High and Low Time Pressure," at the 23rd International Conference of Applied Psychology in Kyoto, Japan.

Austin J. Jaffe, professor of business administration, presented a paper titled "Contracting for Housing, Mortgage Default and Mortgage Foreclosure Moratoria" at the International Housing Research Conference in Paris.

Robert LaPorte Jr., professor of public administration, spoke on "Agriculture Development in Pakistan: The Challenges in Establishing New Government-Business Relationships" at the Seminar on Agriculture Development in Pakistan. The seminar was sponsored by the Ministry of Industries, Government in Pakistan, and the U.S. Agency for International Development in Islamabad.

Donna S. Queeney, director of the Division of Planning Studies, has been invited to serve as one of six national resource persons for a two-year project of the U.S. Department of Education's Higher Education and Adult Learning Division/Office for Educational Research and Improvement.

Gerhard F. Strasser, associate professor of German and comparative literature, presented a paper on the "The 17th Century Emblematic Teaching Method" in the section on "The Emblem and Teaching" at the Glasgow International Emblem Conference at Glasgow, Scotland.

Joan S. Thomson, coordinator for staff development in the College of Agriculture and assistant professor of rural sociology, has been elected to the board of directors of the American Home Economics Association.

John E. Tyworth, associate professor of business logistics, and William L. Grenoble IV, doctoral candidate, are the authors of "Spreadsheet Modeling in Logistics: Advancing Today's Educational Tools," which has been selected as the E. Grosvener Plowman Award Winning Paper for the 1990 Transportation and Logistics Educators Conference.

Rami Zwick, assistant professor of marketing, presented a paper on "Response Mode and Payoff Effects on Probabilistic Judgments That a Statement is Correct" at the ninth annual meeting

of the Fuzzy Information Processing Society at the University of Toronto.

Michael Moore, associate professor of education, was one of four United States educators who gave keynote addresses at the International Congress on Managing Human Capacity in the 21st Century, at the University of Helsinki, Finland.

Jerry C. Olson, professor and chairman of marketing, presented a paper titled "The Relationship Between Means-End Chains and Product Involvement" at the annual conference of the European Marketing Academy in Innsbruck, Austria.

Terry Ebertson, professor of animal nutrition, has received the 1990 Research in Animal Growth and Development Award from the American Society of Animal Science for his development of a research program in endocrine regulation and animal growth as well as his research on the effects of porcine growth hormone on pigs.

Juan Fernandez-Jimenez, associate professor of Spanish at Penn State Erie, The Behrend College, presented a paper on "Trajectory y proyeccion futura de Cuadernos de ALDEEU" at the international meeting of the Association of Spanish Professionals in America in San Juan, Puerto Rico.

Edwin Masteller, professor of biology, and **Larry Eckroat**, associate professor of biology, both at Penn State Erie, The Behrend College, have been awarded a grant to gather baseline data on various characteristics of zebra mussels, the new scourge of the Great Lakes.

Robert E. Newnham, Alcoa professor of solid state science at the Materials Research Laboratory, was an invited speaker at an international conference on "The Chemistry of Electronic Ceramic Materials" sponsored by the National Institute of Standards of Technology and the Office of Naval Research.

Joe Schall, technical writing tutor for the College of Earth and Mineral Sciences, has won the 1990 Elmer Holmes Bobst Award in Fiction for his collection of short stories, "Indentation and Other Stories." The collection will be published by the New York University Press in early 1991.

Jim Seroka, professor of political science at Penn State Erie, The Behrend College, presented a paper on "Political Fragmentation, Legitimacy and Constitutional Reform in Yugoslavia" at the fourth World Congress of Soviet and East European Studies in Harrogate, England.

News in Brief

Merleau-Ponty conference

The 15th annual Conference of the Merleau-Ponty Circle is being held at the Keller Conference Center, University Park, today through Saturday.

Topics to be discussed include Merleau-Ponty and postmodernism, Lyotard, Derrida, Mead, causal representation theory, the unity of being, the behavior of structure and the phenomenology of risk.

Véronique M. Foti, assistant professor of philosophy, is program director of the conference, which is sponsored by the College of the Liberal Arts. Call the conference center at 863-2035 for more information.

Graduate study abroad grants

All graduate students and graduating seniors who are interested in applying for Fulbright and other grants for graduate study abroad in 1991-92, should see Elizabeth B. Smith, University Fulbright Program adviser, in the University Office of International Programs, 222 Boucke Building, or phone 865-7081. Campus deadline for applications is Sept. 28.

Hazleton panel discussion

A panel discussion on "Nationalism, Perestroika and Political Reform" will be held at 7:30 p.m. Wednesday, Sept. 26, in Room K-1 of the Kostos Classroom Building at the Penn State Hazleton Campus.

Panelists will include Trond Gilberg, head of the Department of Political Science; Eugene Miller, associate professor of history at the Hazleton Campus; Eugene S. Rubin, bilateral relations officer at the U.S. Department of State Office of Soviet Affairs, and a representative of the Soviet news agency Ivestia.

Institute receives grant

The Institute for the Study of Adult Literacy has received a \$25,000 grant from the Pennsylvania Department of Education to develop a model family literacy program. Project staff will develop the program in coordination with Mid-State Literacy Council and Schlow Library.

The model family literacy program will involve parents in a basic skills program designed both to increase their basic skills and to increase their involvement in their children's

education. Increased parent involvement is expected to improve their children's level of school success.

Basic movement skills

The College of Health and Human Development will offer a free program in basic movement skills and games for children ages 5 through 8, beginning Oct. 9.

The program will be held in Room 126 White Building at University Park from 3:45 to 4:30 p.m. Tuesdays, through Nov. 13. Registration is scheduled for 3:45 p.m. on Oct. 9 in Room 126 White Building.

NIH grants

The National Institutes of Health have granted \$335,000 to the College of Agriculture and the Eberly College of Science for the purchase of a transmission electron microscope to be used by investigators, postdoctoral researchers and students who are investigating the structure and function of isolated proteins and various aspects of cell biology.

The microscope will be computerized so researchers can store images and then reconstruct them in three dimensions. It

will be housed in the new electron microscope laboratory in South Frear Building, which is an intercollegiate effort to provide a first-class facility to serve life scientists.

Reactor gets grants

The U.S. Department of Energy has awarded \$72,800 to the Breazeale Reactor at University Park. The grant will be used to purchase a reactor bridge and neutron beam laboratory change to provide for the lateral and rotational positioning of the core and an additional power monitor to provide power monitoring and backup for the existing monitor.

A part of a DOE funding program for university research reactor equipment upgrades, the Penn State grant was the second largest award given and contributes to an on-going project to modernize the Breazeale Reactor.

Another major modernization activity at the reactor is the installation of a state-of-the-art reactor control and safety system through a \$300,000 Philadelphia Electric Co. grant and a Ben Franklin Partnering Program \$90,000 matching grant.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. APPLY BY CALLING THE EMPLOYMENT DIVISION 863-0304 NETWORK LINE 433-0044. Applications for these staff vacancies will be accepted until Sept. 20. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment practices (PS 1) and in compliance with the University's

Alternative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

***00936. Division of Constituent Relations, Development and University Relations, Constituent Relations, University Park Campus** - Responsible to the executive director of constituent relations for the management and coordination of constituent relations programs including stewardship acknowledgements and donor relations. Requires bachelor's degree, or equivalent in communications, marketing, or a

related field, plus four to five years of effective experience. STAFF GRADE 6

***00937. Coordinator, Campus Residential Life, Residential Life, Hazleton Campus** - Responsible for carrying out specific responsibilities in the area of residential life and for assuming full responsibility for assigned residence hall areas in the absence of the supervisor. Requires bachelor's degree, or equivalent, plus at least one to two years of effective experience or a master's degree or equivalent in student personnel or related field with three to six months of residence hall experience.

THIS IS A CONTINUING, 10-MONTH LIVE-IN POSITION. STAFF GRADE 6

***00938. Program Specialist, Schuylkill Campus** - Responsible to the advising/counseling assistant for the implementation and coordination of the various functions specified within the TVT/Vocational Education Grant - Thinking Non-Traditionally: Advancing Opportunities. Requires bachelor's degree, or equivalent, plus over one and up to two years of effective experience in areas such as placement, admissions, education, etc. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991. STAFF GRADE 5

***00939. Instructional Services and Telecommunications Assistant, Academic Affairs, Wilkes-Barre Campus** - Evaluate and diagnose telecommunications, audio-visual and computer terminal equipment problems and recommend appropriate repair facilities and actions, instruct and provide basic assistance to students, faculty and staff in the operation of equipment. Requires associate degree, or equivalent, in electronics, instructional media, telecommunications or related field plus one to two years of effective experience. STAFF GRADE 4

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William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

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September 20, 1990

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Renaissance Fund honors 'Mimi' Coppersmith Fredman

Advertising executive and community leader Marian 'Mimi' Coppersmith Fredman will be honored at the 14th annual Renaissance Scholarship Fund dinner at 7 p.m. Wednesday, Nov. 7, at the Elks Country Club in Boalsburg.

Proceeds from the dinner will benefit financially needy students who have outstanding academic potential.

"Mimi had the original idea of using proceeds of the Renaissance Dinner to endow scholarships," Barbara Palmer, president of the Renaissance Fund's board of directors, said. "Since 1976, the dinners have raised more than \$200,000. It's now Mimi's turn to receive recognition."

From its inception in 1967, the fund received more than \$16 million in gifts and has supported more than 700 different students. There currently are 131 Renaissance Scholars. Gifts received

through events such as the annual Renaissance Dinners are applied to an endowment fund.

"Of all the things I do, the Renaissance Fund is the one that has the most meaning," said Mrs. Coppersmith Fredman who also is a past president of the Renaissance Fund's board of directors. "It impacts on future generations and, in large part, is what Penn State is all about."

A native of Kingston, Marian Ungar was the fourth of five children of an immigrant couple who operated a grocery store in Wilkes-Barre. As an undergraduate at Penn State she was editorial director of *The Daily Collegian*, won a national debating championship, was elected to Ceres Mortar Board and other honoraries, and graduated in 1953 with honors.

She married Sy Barash in 1954 and became partners for four years in an

advertising business with State College businessman Sidney Friedman. In 1959 she and her husband opened their own ad agency and billboard company, The Barash Group, directed by Mrs. Coppersmith Fredman since Mr. Barash's death from cancer in 1975. Now employs 60 people and has offices in State College, Altoona, Johnstown and Philadelphia.

In cooperation with Beta Sigma Beta she helped to establish the Sy Barash Regatta to benefit the American Cancer Society and to honor her husband's memory. The Regatta is now the second-largest student fund raising event at Penn State.

She and her husband, W. Louis Coppersmith, were, until his death in 1980, active in Penn State's successful efforts to fund a chair in Jewish studies. In 1980 she married Samuel G. Fredman, a Penn State

Please see 'Renaissance' on page 3.



M. Coppersmith Fredman

United Way named major charitable fund-raising agency

United Way has again been designated as the one major voluntary community charitable fund-raising agency at University campuses.

As outlined in official University policy (AD-6) the president of the University annually authorizes one major voluntary fund-raising effort for which contributions may be made through direct giving or payroll deduction. This authorization also includes the use of University mail for information. It is estimated that more than 75 percent of employees who contribute to United Way do so through



payroll deduction.

In announcing United Way as the chosen charitable organization, President Thomas said, "United Way organizations support many agencies whose services

fit the needs of the communities in which they're located. When we consider that Penn State campuses are located in 22 areas around the state, it is fitting that we chose United Way. These agencies help Penn State employees and their neighbors."

Again, Dr. Thomas says, agencies seeking United Way support apply and are reviewed by volunteer citizens, many of whom are Penn State's in the community where they are located. Allocations to member agencies are made in the same manner.

Not all charitable organizations are

involved in United Way. For example, several of the larger and nationally operated fund raising drives solicit funds on their own. Your local United Way or campus chairperson can tell you the names of the agencies funded in your area and provide the names of persons serving on the allocations committees and agency boards.

United Way campaigns are traditionally conducted each fall. University campaigns are conducted in cooperation with local agencies and times may vary. Employees choosing

Please see 'United Way' on page 3.

President Thomas addresses University Faculty Senate

In his first address to the University Faculty Senate on Sept. 11, President Thomas declared his eagerness to begin a productive and close working relationship with the Senate.

Also on the Senate agenda were informational reports on employee benefits, changes to Senate policies relating to Big 10 requirements, and the history and current status of Pennsylvania College of Technology.

President Thomas discussed his previous experience with faculty senates, noting that he helped to form the senate at the University of Alabama and served as its second chairperson before being appointed a dean.

Among Penn State's strengths, he said, is "the extent to

which the faculty are involved in University affairs."

He commended the Senate for its efforts in revising the general education program and for its work on establishing a cultural diversity course requirement, as well as its demonstrated commitment to undergraduate teaching.

Teaching, he said, is a special concern of his.

"My experience in the classroom was both enjoyable and revealing. I found that it is much more difficult today to maintain standards in the classroom due to the decline of standards in society compared to 15 to 18 years ago."

He added that the quality of teaching will be a major issue in higher education, noting that the evaluation and rating of universities has remained tied to research,

resulting in some disquieting between teaching and research.

"I believe strongly that these two missions are compatible, that they can be compatible."

"I look forward to working with the Senate to realize the full benefits of this University," President Thomas said.

In other Senate action:

—George W. Franz, chair, Joint Committee on Insurance and Benefits, presented the committee's annual report.

As part of the presentation, Billie Willis, assistant vice president for human resources, discussed employee benefits.

Please see 'President Thomas' on page 3.

Focus on Diversity

Children's program

A World Summit for Children program will be held from 6 to 8 p.m. Sunday, Sept. 23, in the Hetzel Union Building Ballroom at University Park.

Sponsored in part by the University Office of International Programs, the summit will involve student groups, religious leaders and citizens in a candlelight vigil and program to urge world leaders to make children's needs a top priority and to participate in the World Summit for Children set for Sept. 29 and 30 at the United Nations.

Speakers for the program are Arnel Addison, State College mayor; Lynn Herman, state representative; and other local leaders. Activities include the opportunity for children and adults to write letters to George Bush, Robert Casey and other officials urging them to make children's needs a national priority; performances by the State College Children's Peace Choir, a local children's Bell Choir, and students from Park Forest Elementary School; and a 15-minute candlelight vigil.

For more information, contact Irène Halkias at 237-0872.



Thirteen high school students interested in journalism careers attended Penn State's High School Journalism Workshop for Minorities this summer at University Park. During the annual workshop, sponsored by the School of Communications, Dow Jones Newspaper Fund, and five Pennsylvania daily newspapers, the students produced a newspaper, "Inner Voice." (Photo: Greg Grieco)

Diversity Calendar

Thursday, Sept. 20

Office of Minority Faculty Development, 9 to 9 p.m., Paul Robeson Cultural Center. Informal faculty gathering for casual networking.

Saturday, Sept. 22

Office of Minority Faculty Development, 9 a.m. to noon, 101 Kern Graduate Building. Harold Cheatham will discuss promotion and tenure in the first in a series of minority faculty development workshops this semester. For reservations, contact Leah Witzig at 863-1003.

Tuesday, Sept. 25

Project Growth and Penn State International Dancers, 8 to 9 p.m., 133 White Building. "International Dance: A Celebration of Culture Around the World."

Wednesday, Sept. 26

Center for Women Studies, 8 p.m., HUB Gallery. Lucy Lippard on "Toward A Post-Columbian World: New Art in a Multi-Cultural World."

Professional Women at Penn State is new group

A new group, Professional Women at Penn State (PWPS) has been formed at the University. PWPS will hold a brown bag lunch meeting Tuesday, Sept. 25, in the Frizzell Room in Eisenhower Chapel at University Park.

The open-agenda meeting will begin at 11:45 a.m., and impromptu discussions will start at 12:10 p.m.

The group's statement of purpose is: "The purpose of Professional Women at Penn State is to provide a setting within the University community in which women at Penn State can develop and maintain a communications network with other Penn

State women across professional and occupational lines to supplement existing information and support networks; and serve as a resource for other Penn State women by discussing a variety of topics of mutual interest and by maintaining contacts to share information, advice and moral support."

PWPS meetings are held on the last working Tuesday of each month from 11:45 a.m. to 1 p.m. and feature informal networking and a presentation by a guest speaker. Every third meeting will be an open-agenda program consisting of

impromptu discussions on topics suggested by participants.

Activities of the group are organized by a Coordinating Council, made up of 10 people from various backgrounds. The Coordinating Council for 1990/91 is composed of Marcia Haluga, chair; Barbara Kennedy, chair-elect; Robin Anderson, Norma Bayler, Lisa Davis, Candace Davison, Ann Harpster, Donna Schroyer, Cheryl Stroud and Bridget Stemberger.

According to Ms. Haluga, the group will be addressing critical and timely issues of

interest to all women at Penn State, regardless of their classification.

"The information gained from these meetings and the opportunity to network with women holding similar jobs, or with women holding the types of jobs to which you may aspire, will be most beneficial," she said.

Details of monthly meetings will be published in the "News in Brief" and the "University Calendar" sections of the *Penn State Interim*. For more information on the group, call Ms. Haluga at 865-7659 or Ms. Kennedy at 863-4082 or contact any other member of the Coordinating Council.

Feminist scholar

Feminist scholar Lucy Lippard will lecture on "Toward a Post-Columbian World: New Art in a Multi-Cultural World" at 8 p.m. Wednesday, Sept. 26, in the Hetzel Union Building Gallery at University Park.

An artist critic and author of 14 books on contemporary art, she is a distinguished visiting professor at the University of Colorado Boulder and a member of the Alliance for Cultural Diversity and the National Committee for a Post-Columbian World.

Her visit is part of the Women's Studies Center Sex Feminist Scholars Lecture Series and is co-sponsored by the Center for Women Studies.

Ms. Lippard also will hold an informal question-and-answer session for faculty and students at 3:30 p.m. in Palmer Museum of Art.

WPSX-TV highlights programs

Jesse Jackson's Operation Push is demanding that Nike put millions of dollars into black business. But many blacks want to know how the money would be dispersed if Bush's boycott against the shoe manufacturer is successful. Find out more in "Push vs. Nike: Where's the Beef?" on *Time*

Weekend. Journal airing at 11:30 a.m. Sunday, Sept. 23, on WPSX-TV.

Part two of *Winds of Change* will air at 1:30 p.m. Saturday, Sept. 22. The program examines the tangible and intangible forces that threaten the sovereignty and identity of America's indigenous Indian nations.

Carpoolers

Sharon would like to carpool from Millheim to University Park. Her work hours are 8 a.m. to 5 p.m. Call 863-2083 or 349-8843.

Lisa would like to carpool from Lewistown to University Park. Her work hours are 7:30 a.m. to 4:30 p.m. Call 863-3250.

Eric wants to carpool with a nonsmoker from Bellwood to University Park. His work hours are 7:30 a.m. to 4:30 p.m. Monday through Friday. Call 865-3405.

Don Stewart is looking for riders for his vanpool from the Tyrone area. Work hours

are 8 a.m. to 5 p.m. Call 865-1040 or 084-4868.

Jay would like to carpool on Monday, Tuesday and Wednesday only from Philipsburg to University Park. His work hours are 8 a.m. to 4:30 p.m. Call 865-0800 or 342-2549.

Bookshelf

Thomas A. Hale, professor of African, French and comparative literature, is the author of *Scribe, Griot, and Novelist: Narrative Interpreters of the Songhay Empire*, published in April by the University of Florida Press.

Dr. Hale, a specialist in African literature, compares three kinds of narratives about West Africa's largest empire. Based in Gao, a city in eastern Mali, Songhay expanded rapidly in the late 15th century and reached its peak during Askia Mohammed's reign from 1493 to 1528 before going into decline in the 16th century. Information about the empire appears in two long chronicles written in Arabic by Africans from Timbuktu who served the rulers and their descendants.

Dr. Hale contrasts the detailed portrayal penned by these scribes with the shorter and more symbolic interpretation of the past recounted in an oral epic he recorded in Niger in 1980-81 from the Songhay griot, or bard, Nhouhou Malio. He then shows how the Malian author Yambo Ouologuem draws on these earlier narrative forms for *Bond to Violence*, a highly original novel that challenges the religious and social values displayed by the scribes and griots.



Penn State People

Barbara Rodrock

For the last 18 years, Barbara Rodrock has been secretary to the Penn State Berks Campus' campus executive office. She has served in this role during the tenures of Harold W. Perkins and, most recently, Frederick H. Gaige. Previously, she worked in the regional offices of Continuing Education and development of the campus, as well as with the resident instruction program. "My work is very interesting and very varied," she says. "I do a lot of work with the community, through the Berks Campus Advisory Board, and help with special events." She also handles correspondence and the budget. Next June, she plans to retire after 24 years of service at the campus. (Photo: Greg Grieco)

United Way

Continued from page 1.

payroll deduction should be aware that since January 1988, deductions are continuous. To make changes, the appropriate "green" United Way payroll change card needs to be completed. This card also can be used to initiate increase, decrease or stop contributions to United Way.

These cards are available from personnel representatives or the Payroll Office at University Park. Employees at University Park are reminded that contribution changes also can be made during the annual campaign scheduled for Oct. 29 to Nov. 2 by checking the appropriate blocks on the confidential "blue" United Way form.

Renaissance

Continued from page 1.

graduate and justice of the New York Supreme Court.

In 1970, she was elected to the Penn State Board of Trustees and is serving her third term as vice president. She was named 1981 Small Businessperson of the Year in Pennsylvania and will be honored in November by Gov. Robert Casey as a Distinguished Daughter of Pennsylvania.

She received the Service to Society award from the College of the Liberal Arts and Penn State's Lion's Paw Medal. A life member of the Alumni Association, she served on Penn State's Alumnae Days steering committee and is a member of the Alumni Communications Advisory Board, the Development Council and the National Campaign Committee of the Campaign for Penn State.

Her past board memberships include Pennsylvania Humanities Council,

Pennsylvania Commission for Women and the Centre County Community Foundation. She has been a member of the Board of the Pennsylvania Chamber of Business and Industry since 1975 and serves on the board of Pennsylvania Centre Stage and the Allegheny Highlands Regional Theatre.

For more information or reservations for the dinner, call the Office of Annual Giving at 814/41-2052 or stop by the office at 17 Old Main.

President Thomas

Continued from page 1.

Among the changes taking place on Jan. 1, 1991 are increases to employee contributions for health coverage, which were announced during the summer, the option of voluntary participation in health coverage and the addition of managed care.

Employee contributions for medical coverage, for example, will rise to \$9.25 for employee-only coverage, \$15.50 for employee and spouse or children, and \$22 for employee, spouse and children. These rates are scheduled to increase in 1992 and 1993, as well.

Healthcare costs are expected to increase by more than 20 percent a year, Dr. Willis said.

In January, additional benefits will become available, including an increase in maximum lifetime health coverage from \$400,000 to \$500,000, coverage for mammograms and improvements in dental and vision coverage.

The basic dental coverage will go up from \$500 to \$1,000, and orthodonture coverage will go up from \$1,000 to \$1,250.

There will be minimal improvements to the vision plan including increases for eye exams from \$30 to \$40, lenses from \$30-\$45 to \$35-\$50, frames from \$25-\$30 to \$30 and contacts, up to \$50 coverage.

Employees also will be able to choose what type of coverage they want beginning Jan. 1. The choices are: no coverage (proof of insurability is required), medical only, dental and vision only, or medical/dental/vision.

Managed care, which already is available to Healthpass participants, will become available to those with Plans A and B. This process involves calling an 800-telephone number to discuss nonemergency and emergency medical care involving hospital admission with a team of physicians and nurses.

In addition, employees will have the opportunity to join or change existing participation in the University's flexible benefits program. Three options permit an employee to shelter a portion of salary from federal taxes to pay for

IRS-approved expenses. The options are life insurance coverage, medical reimbursement and dependent care coverage.

People will have to educate themselves about these changes, Dr. Willis said. The Office of Human Resources will be providing information to all employees about upcoming changes and options.

John J. Coyle, NCAA faculty representative, presented his annual report on student-athletes and reported on a comparison of Penn State and Big 10 academic requirements. He noted that the University's standards are higher than the Big 10's minimum requirements. Some modifications to Senate rules governing academic requirements, however, will be needed to make the University's standards consistent with the Big 10's, he said.

Richard E. Grubb, senior vice president and dean for the Commonwealth Educational System, and C. Gregory Knight, vice provost and dean for undergraduate education, reported on the status of Pennsylvania College of Technology for the Committee on External Affairs.

Focus on the arts

Odyssey on WPSU

On "Jettison in Transylvania," the next episode of "Odyssey Through Literature," Eniko Molnar Bosa of the Library of Congress introduces host Leonard Rubinstein to the book *Jettison in North America* published in 1834 by the Hungarian writer Sandor Boloni Farkas. In 1984 Farkas's book was reprinted with the editor's comment that "it tends to be republished at crucial times."

Anyone writing a political history of Transylvania would have to take into account the impact of Farkas's book. Ms. Bosa says, "He quotes the Declaration of Independence in the book in its entirety," she explains, "and he says in his travel diary, that he feels that his book is really just a framework for the 'Declaration of Independence.'"

So he did have an ulterior motive. The sentiments were things he would like to see implemented - but he was only reporting. Hungary at the time suffered under an oppressive autocracy, and writing was strictly censored.

Odyssey Through Literature is produced by the Department of Comparative Literature and airs Wednesdays at 12:30 p.m. on WPSU. ☐ 1 FM

Rhetoric lecture

The Classical Rhetoric Lecture Series opens with "Science and Religion in 18th Century Theories of Rhetoric" by Lloyd F. Bitzer, past chair of the Department of Communication Arts at University of Wisconsin from 4:30 to 6 p.m. today in 111 Chambers.

The lecture is open to the public and will be followed by a public reception in 12 Sparks. The series is part of the Speech Communication Colloquium.

Dr. Bitzer is internationally recognized as an authority on 18th century rhetorical theory. He is author or co-author of three books and numerous book chapters and scholarly articles on the theory and practice of rhetoric.

Exhibit in Europe

A painting from the permanent collection of the Palmer Museum of Art currently is on display in Europe through Nov. 4. "Portrait of Madame de M..." by post-Impressionist painter Emile Bernard is the first painting from the museum's collection to be borrowed for an exhibition abroad.

It currently is on exhibit at the Van Gogh Museum in Amsterdam, part of a Bernad exhibition that includes 17 paintings, tapestries and wood carvings. The exhibition was shown this spring at Städtische Kunsthallen in Mannheim, Germany.

Saturday art school

The Saturday Morning Art School, sponsored by the School of Visual Arts, is now taking registration for fall classes to be held at University Park Campus.

Brochures including class listings and a registration form are available at the Art Education Office, 200 Arts Cottage. Registration also will be accepted by phone Monday through Friday from 9 a.m. to 4 p.m., at 865-6570.

Classes will start on Saturday, Oct. 6, and run through mid-December, meeting every Saturday, from 9 to 11 a.m.

Ten different courses are being offered, including drawing and painting, sculpture and ceramics, a class for creative young artists and museum and gallery instruction. Classes are designed for children age 5 and up, with additional classes for the parents of participating students.

Pattee exhibit

New works by Susan C. Struble currently are on display through Oct. 6 in the Lending Services Gallery of the Pattee Library at University Park. The show titled "The Figure: Recent Works on Paper" features watercolor paintings of various figures. Her works are based on realism, but incorporate abstract elements.

Ms. Struble received her formal art training from Carleton College and Penn State.

Faculty authors

On Sept. 21, the Penn State Bookstore on campus will host three faculty authors as a part of its Featured Authors Series for fall 1990.

Charles D. Ameringer, head of the Department of History, will conduct a booksigning from noon to 2 p.m. to introduce his new book *U.S. Foreign Intelligence: The Secret Side of American History* (Lexington Books, 1990).

Harold E. Cheatham, professor of education, and James B. Stewart, vice provost for underrepresented groups, will participate in a booksigning from 3 to 5 p.m. for their book *Black Families, Interdisciplinary Perspectives* (Transaction Publishers, 1990).

A 20-percent discount will be offered on both books during the booksignings.

Clarinetist to perform

Clarinetist Richard Stoltzman will appear in concert at 8 p.m. Friday Oct. 5 in Eisenhower Auditorium at University Park.

His program, "Rhapsodies, Fantasies and Songs," includes selections by Debussy, Gershwin, Leonard Bernstein, Stevie Wonder and others and is presented by the Center for Performing Arts. He will be accompanied by pianist Irma Valicchio and guest artist Nancy Allen, who plays harp. The program also will include the world premiere of "Nightpieces," a sonata for clarinet and piano written by Pennsylvania composer Timothy Greathatch.

Before the performance as part of the lecture series "Artistic Viewpoints," the audience is invited to a discussion with Composer Greathatch and Smith Toubson, clarinetist and associate professor of music at Penn State.

The arts on Channel 3

Pianist Andre Previn and clarinetist Eddie Daniels swing the night away when they share the stage with John Williams and the Boston Pops Orchestra on *Evening at Pops* airing at 9 p.m. Friday, Sept. 21.

Mr. Previn, equally adept at classical and jazz styles, takes the piano solo in the first movement of George Gershwin's jazz-influenced "Concerto in F." Veteran jazzman Daniels cooks through Benny Goodman's theme song "Let's Dance" and, dipping into the classical repertoire, spins out variations on C.P.E. Bach's *Solfeggietto*.

The Boston Pops Orchestra wraps up the evening with a tribute to the Broadway choreographer Jerome Robbins in a medley of songs from "West Side Story," "Fiddler on the Roof" and "Gypsy."

Chamber music

A chamber music recital featuring Carl Blake, piano; Barbara Hess, vocalist; and Evelynynn Ellis, clarinet, will be held at 4 p.m. Sunday, Sept. 23, in the Music Building Recital Hall at University Park.

The program will feature Robert Schumann's "Fantasy Pieces," Op. 73, for clarinet and piano, and "Liederkreis," for voice and piano, as well as "Piano Sonata" No. 30 in E major by Beethoven and Franz Schubert's "The Shepherd on the Rock" for voice, clarinet and piano.

Mr. Blake is assistant professor of music and assistant dean for recruitment and retention in the College of Arts and Architecture. Ms. Hess, originally from Austria, is a trained mezzo-soprano now living in State College. Ms. Ellis has a bachelor of music degree from Concordia College and a master of music from Penn State.

Lecture on Berlin

Eckart D. Strauchenschneid, head of the Film Department in the Berlin Press and Information Office, will present a lecture on the past, present and future of the former capital of imperial and Nazi Germany at 4 p.m. Monday, Sept. 24, in 101 Kern at University Park.

His lecture is sponsored by the Department of German.

Organ recital

Jane Miller, a faculty member in the School of Music, will give an organ recital at 8 p.m. Monday, Sept. 24, in the Music Building Recital Hall at University Park.

The recital will include selections by American, French and German composers and feature two suites written for the organ.

Lecture series

Natasha Staller of Harvard University will give the lecture titled "Babel: Hermetic Languages, Universal Languages and Anti-languages in fin-de-siecle Parisian Culture" at 8 p.m. Tuesday, Sept. 25, in Room 112 Walker Building at University Park.

The lecture is part of the "Art of Interpreting" lecture series, sponsored by the Department of Art History and the Institute for the Arts and Humanistic Studies.

'Emigre Voices'

Jonathan Brent, founding editor of *Formations*, a leading journal of emigre literature, will speak at 8 p.m. Tuesday, Sept. 25, in 112 Kern at University Park.

An English teacher at Northwestern University for the past 10 years, he will present an overview of emigre writing in the United States. He has been editor of the literary journal *TriQuarterly*.

Lecture in German

Armin Paul Frank, professor of English (American literature) at the University of Göttingen, Germany, and founding director of the Nationally Endowed Center for the Study of Literary Translation (Sonderforschungsbereich: "Die literarische Übersetzung") will present a lecture (in German) at 8 p.m. Tuesday, Sept. 25, in 124 Sparks Building at University Park.

He will talk about the birth and significance of anthologies of world literature which were very popular in 19th century Germany.

His lecture is sponsored by the Department of German.

See more arts stories on page 7.

The arts at...

Penn State Harrisburg

European artist Klaus Grotzka will exhibit his art works of the changing industrial landscapes in America in the Gallery Lounge at Penn State Harrisburg from Sept. 24 to Oct. 26. His paintings and drawings depict a wide variety of technical structures from towering blast furnaces to powerful diesel engines.

Born in Germany, the son of an artist, Mr. Grotzka attended art school in Keil, North Germany, where he developed an

absorbing interest in painting the intricate man-made world of industry and machinery.

In 1961 he moved to the United States and for the next 20 years he worked for industrial companies, painting on assignment in many parts of the country. He has had successful exhibits in New York, New Jersey and Pennsylvania and has taught at the Du Cret School of Art in New Jersey and the Hill School in Pottstown, Pa.

University Park Calendar

September 20--
September 30

Special Events

Thursday, September 20

■ Brown Bag Lunch/11:10-12:04 p.m.
Palmer Museum of Art, *L'Amour du Vin*.
Bach's Lunch Concert, 12:10-12:30 p.m.
Eisenhower Chapel, University Brass.
Classical Rhetoric Lecture Series, 4:30-5 p.m., 111
Chambers. Lloyd F. Bitzer, Univ. of Wisconsin
on "Science and Religion in 18th Century
Theories of Rhetoric."
Shaver's Creek, 7:30-8:30 p.m., Halloween Trail
meeting for volunteers. Call 863-2000

Friday, September 21

Commission for Women, meeting, 10 a.m.-noon
101 Health and Human Dev. Bldg. East.
Geog. Coffee Hour, 4 p.m., 319 Walker
Norman Thrower, UCLA, on "Maps and the
Columbian Encounter."
Shaver's Creek, 7:30 p.m., Owl Prowl. Call 863-
2000

Saturday, September 22

Horticulture Show, 9 a.m.-5 p.m., Ag Arena.
Also Sept. 23

Shaver's Creek, 1-4 p.m., View from the
Grasslands. Call 863-2000.

Sunday, September 23

School of Music, 4 p.m., Recital Hall. Carl Blake,
piano

Monday, September 24

Comp. Lit. Luncheon, 12:15 p.m., 101 Kern
Jonathan Brent, Northwestern Univ.
■ German Dept. lecture, 4 p.m., 101 Kern
Eckart D. Strauchschulte, Senat Berlin, on
"Berlin, Past, Present and Future."
School of Music, 8 p.m., Recital Hall. June
Miller, organ.
■ German Dept. film, 8 p.m., 112 Chambers
Soud. Hall

Tuesday, September 25

Professional Women at Penn State, meeting
11:45 a.m.-1 p.m., Frizzell Room, Eisenhower
Chapel

■ German Dept. lecture (in German), 8 p.m.,
124 Sparks. Armin Paul Frank, Universität
Göttingen, Germany, on "Anthologien Der
Weltliteratur: Eine Einführung Fur Neugierige."
Art History, 8 p.m., 112 Walker. Nakasha Staller
on "Melies' Fantastic Cinema and the Origins
of Cubism"

Emergent Voices series, 8 p.m., 112 Kern. Jonathan
Brent, Northwestern Univ., on emigre writing
in the U.S.

International Dance: A Celebration of Culture
Around the World, 8 p.m., 133 White Bldg.
Participant and demonstration dances, singing
panel discussion

Wednesday, September 26

Six Feminist Scholars Lecture Series, 8 p.m., HUB
Gallery. Lucy Lippard on "Toward a Post-
Columbian World: New Art in a Multi-
Cultural World."

Penn State Chapter of National Assoc. of Science
Writers, meeting, 11:45 a.m., 313 Kern.

■ Gallery Talk, 8 p.m., Palmer Museum of Art
Charles Dent, artist, art collector, on
"Leonardo's Horse That Never Was."
School of Music, 8 p.m., Recital Hall. Dan
Yoder, saxophone.



The Duquesne University Tamburitza ensemble will perform at 7:30 p.m. Sept. 30 in Eisenhower Auditorium.

Thursday, September 27

Careers in the Arts, 10:11:30 a.m., Palmer
Museum of Art. Ron Hand on "Designing
Museums Exhibitions with Computers."
Bach's Lunch, 12:10-12:30 p.m., Eisenhower
Chapel. Penn State Clarinet Quartet.

Friday, September 28

Geog. Coffee Hour, 4 p.m., 319 Walker. Sandra
Steltz on "Back to the World of Tomorrow:
The 1934-40 New York World's Fair."

Sunday, September 30

Shaver's Creek, afternoon, Spring Creek Walk.
Call 355-8007
■ Duquesne Univ. Tamburitza, folk dances,
7:30 p.m., Eisenhower Aud.

Public Radio

WPSU-FM 91.1

All Things Considered Monday-Friday, 5-6:30
p.m., Saturday and Sunday, 5-6 p.m.; Morning
Edition, Monday-Friday, 6-8 a.m.; Weekend
Edition, Saturday and Sunday, 11 a.m.-1 p.m.
Odyssey Through Literature Tuesday, 12:30 p.m.
Wednesdays with S. Leonard Rubenstein

Conferences

Continuing Education

Keller Building

Sept. 25, Pa. Bar Institute Inheritance Taxes.
Shirley Hendrick, assistant dean for continuing
education; Smell College of Business
Administration, chair; Jerri Milkom,
coordinator

Sept. 25-27, Maintenance of Commercial
Vehicles-Phase A. Eric Loop, coordinator

Sept. 26-28, Graduate Accounting Conference
Robert Koehler, associate professor of
accounting, chair; Chuck Heid, coordinator.

Sept. 27-29, VICA Advisors Workshop. Ken
Ruch, project assistant, chair; Jack Sinclair,
coordinator.

Sept. 28-30, Lifesaving, Lifeguarding, Robert
Ehrenbraun, assistant professor of exercise and
sports science, chair; Jerri Milkom, coordinator

Seminars

Thursday, September 20

Proposal Information seminar, 9:10-11 a.m., 141
Computer Bldg. Sept. 21, 11:30-3 p.m., 141
Computer Bldg. Registration, 8:03-10:54
History Colloquium, 4 p.m., Memorial Lounge
Eisenhower Chapel. Sanford G. Thatcher on
"Scholarly Publishing and the Penn State
Press."

■ Gerontology Center Colloquia, 4:5 p.m., 106
Mitchell Bldg. Nancy L. Petersen, Ottom-
Karolinska Institute, Sweden, on "Personality in
the Swedish Adoption/Twin Study of Aging
Physics Colloquium, 4 p.m., 55 Osmond Lab
Mark Cardillo, AT&T Bell Labs, on "Surface
Physics Viewed from Within"

Tuesday, September 25

Chemical Engineering, 2:45 p.m., Paul Robeson
Cultural Center. And. Morton M. Denn, Univ.
of Calif. on "Stress Induced Wall Effects and
Polymer Flow Instabilities"

Chemistry Colloquium, 3:30 p.m., 55 Osmond
Lab. John C. Tully, AT&T Bell Labs, on
"Chemistry at Metal Surfaces: Molecular
Dynamics with Electronic Transitions."

Geosciences Colloquium, 4:45 p.m., 301 Steidle
Lee Kump on "Strangelove Oceans."
Graduate Program in Nutrition, 4 p.m., S-204
Henderson Bldg. South Dr. Chester Berlin
Hershory on "Phenylketonuria and Maternal
Phenylketonuria."

Condensed Matter Physics, 4 p.m., 310 Davey
Lab. Neil Shrimpton on "A Molecular
Dynamics Study of Monolayer Argon."

Thursday, September 27

Polymer Science, 9 a.m., 301 Steidle. Greg
McKenna, NIST, on "Thermodynamics and
Mechanics in Rubber Elasticity."

Physics Colloquium, 3:30 p.m., 55 Osmond Lab.
John Schwarz, Calif. Institute of Technology
on "Superstrings."

Gerontology Center Colloquia, 4:5 p.m., 106
Mitchell Bldg. Steven H. Zarit on "Changes in
Memory in the Oldest Old."

Exhibits

Chambers Gallery

Chet Davis, paintings, through Oct. 5

HUB Galleries

Browsing Gallery, Art Alley Panels/Cases
Biodiversity: Land and Water Management, Sept.
30-Oct. 27

Browsing Gallery:

Alan Klein, photographs, through Sept. 23

Art Alley Panels:

Rina Banerjee, oil paintings, through Sept. 23

Art Alley Cases:

SCASD, adult pottery class exhibit, through Sept.
23

SCASD community education program, through
Sept. 30

Formal Gallery:

■ Spectacular Vernacular: Traditional Desert
Architecture from West Africa and Southwest
Asia, through Sept. 23

■ Turkish Carpets, Art and History, Sept. 30-
Oct. 27

Palmer Museum of Art

Selections from the Permanent Collection

through Oct. 7

The Presence of Absence: New Installations,
through Oct. 14

■ The Machines of Leonardo da Vinci, through
Nov. 4

Fatties Library

Rare Books Room:

■ Thomas Hardy, 1840-1928: 150th anniversary
exhibit, featuring photographs by Leslie
Greenhill, through Oct. 12

Zoller Gallery

Shaughnessy-Greenberg Installations, through
Sept. 30

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of
the message you wish to hear. Messages are
listed in the front of the telephone directories.
Other messages are listed in the front of the
telephone directories. Other messages are
Weather-234, Arts Line-345; University
Calendar-456.

■ Reflects an international perspective

Faculty meeting

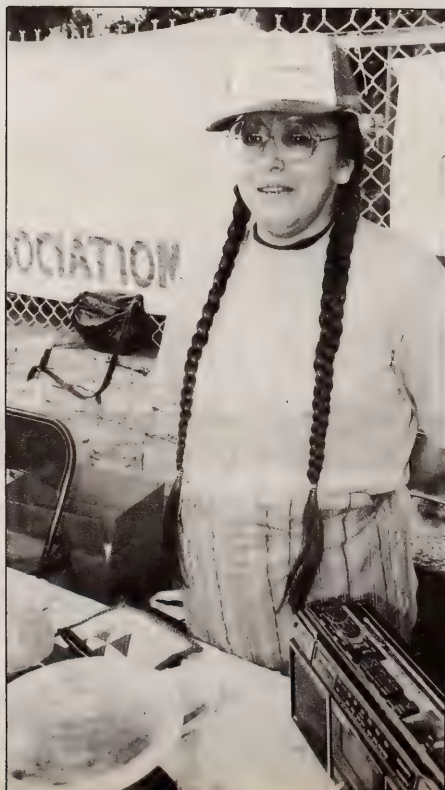
The annual meeting of the Graduate
Faculty will be held at 4 p.m.

Wednesday, Oct. 3 in Room 112 Kern
Graduate Building at University Park.

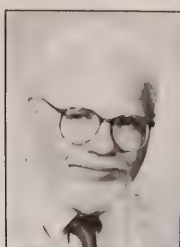
The principal item on the agenda is an
address by Charles L. Hosler Jr., acting
executive vice president and provost and
senior vice president for research and
dean of the Graduate School.

Festival of Cultures

The second annual Festival of Cultures, organized by the University, Centre Region Council of Governments and local residents, was held Saturday, Sept. 15, in State College's Central Parklet. At right, Mayor Arnold Addison and Grace Hampton, vice provost, speak to the crowd; bottom left, members of Sigma Gamma Rho sorority participate in the Step Show; bottom right, Frances Twin, a member of Women of Color, takes part in the Chili Challenge. (Photos: Greg Grieco).



25-year award recipients



Observing 25 years of service at the University are, from left, Melvin W. Johnson, associate professor of plant breeding; Paul C. Korsavage, assistant professor of wood science and technology; and Donald V. Waddington, professor of soil science, all of the

College of Agriculture; Chester D. Therrien, associate professor of biology in the Eberly College of Science; Joann M. Klinefelter, dining hall worker A. Findlay Dining Commons, Housing and Food Services.

Focus on the arts

Saxophone recital

Dan Yoder, associate professor of saxophone and director of jazz studies for the School of Music, will present a saxophone recital at 8 p.m. Wednesday, Sept. 26, in the Music Building Recital Hall at University Park.

The program will feature several duet performances, as well as a solo piece and some selections with a jazz quartet.

The recital is free and open to the public.

Museum talk

Charles Dent, retired airline pilot and art collector from Fogelsville, will discuss "Leonardo's Equestrian Statue" at 8 p.m. Wednesday, Sept. 26, in the Palmer Museum of Art at University Park.

His talk is being held in conjunction with "The Machines of Leonardo da Vinci"

exhibition, sponsored by the IBM Corp., on display at the museum through Nov. 4.

Clarinet Quartet

The Penn State Clarinet Quartet will perform in concert at 12:10 p.m. Thursday, Sept. 27, in Eisenhower Chapel at University Park. The 20-minute concert is part of the Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish. The program will include quartets by 20th-century composers Damase and Hovhanness.

'Careers in the arts'

Ron Hand, exhibition designer at the Palmer Museum of Art, will discuss the role of computers in the layout and design of art exhibitions at 10 a.m. Thursday, Sept. 27, in the museum at University Park.

The talk is part of the "Careers in the Arts" series sponsored by the museum. Mr. Hand has been using computers in the design of Palmer exhibitions since 1982. Formally trained as an artist, he also has studied computer programming.

Folk dancers

The Duquesne University Tamburitzans folk ensemble will perform at 7:30 p.m. Sunday, Sept. 30, in Eisenhower Auditorium at University Park.

Penn Ag Industries Association of Ephrata and the Penn State International Dancers are co-hosting the event.

The Tamburitzans are folk artists dedicated to the preservation of East European folk culture and derive their name from the musical instrument played during each concert, the "tamburitza." Using more than 500 authentic costumes in

each performance, the "Tammies" sing in a dozen different European languages, as well as perform dances from as many countries.

For tickets, call the Eisenhower Box Office at 863-0255, 8:30 a.m. to 4:30 p.m., Monday through Saturday. General admission is \$10; admission for students and senior citizens is \$8.

Chinese architecture

Yuhuan Zhang, a visiting scholar from the Chinese Academy of Sciences (Academia Sinica) and a specialist in Chinese architecture and decoration, will give a lecture on "The Architecture of Chinese Buddhist Temples" at 4 p.m. Thursday, Sept. 27, in Room 230 Arts Building at University Park.

Professor Zhang's research specialties include the history of Chinese architecture

News in Brief

Horticulture Show

The 77th Horticulture Show will be held from 9 a.m. to 5 p.m. Saturday and Sunday, Sept. 22-23, at the Agricultural Arena at University Park. The theme of this year's show is "Horticulture in the 1990s."

The show is planned, designed and constructed by students in the College of Agriculture's Hort Club. Exhibits cover the inside of the Ag Arena.

Plants for sale include ornamental shrubs and flowering house plants. Students will sell tulip, lily, daffodil and hyacinth bulbs at reasonable prices. They also will sell pumpkins, apples, gourds, mushrooms, assorted vegetables, dried corn and cider.

The Agricultural Arena is located on Park Avenue across from Beaver Stadium at University Park. Admission is free.

Science writers

The Penn State Chapter of the National Association of Science Writers will meet to plan its agenda for the 1990-91 academic year at 11:45 a.m. Wednesday, Sept. 26, in Room 313 Kern Building at University Park.

The Chapter usually meets for lunch and a roundtable discussion on the last Wednesday of each month. The brown bag lunchtime roundtable series is open to anyone interested in science communication.

Public policy lecture series

John J. Cahir, professor of meteorology, will speak on "Policy Implications of Atmospheric Greenhouse Model Results" at 1:30 p.m. Wednesday, Sept. 26, at the Penn State Downtown Center, 234 N. Third St., Harrisburg.

Dr. Cahir will discuss atmospheric models used to estimate climate changes that develop from increased greenhouse gases — carbon dioxide, methane, ozone, chlorofluorocarbons and nitrous oxide.

The Penn State Downtown Center sponsors the lecture series on public policy issues. To register for the lecture call (717) 783-0433.

Help for cancer patients

CanSurmount, a program of the American Cancer Society in Centre County, now has a staff of 10 volunteer visitors who have completed 30 hours of training. They are certified to work with cancer patients and/or their families on a one-to-one basis.

All CanSurmount hospital visits require a physician's order. Non-hospital

visits do not require a physician's order and the counseling is free.

For more information, contact Katherine Young at 238-1350 or the American Cancer Society at 238-8908.

Volunteers needed

Volunteers in their 40s and 60s are needed for a research project involving learning and memory.

The goal of the project is to find out whether people of different ages differ in their ability to learn tests, and whether this is affected by their learning style or their attitude toward learning.

Participation in the study involves coming to University Park Campus for a two-hour session of reading.

For more information, contact Silvia Sorensen at 234-6008 or 865-1751.

SAT scores show continued increase at the University

While Scholastic Aptitude Test scores nationally have dropped for the third straight year, figures at Penn State continue to show an increase.

Overall SAT scores at University Park have increased steadily since 1980—a period of significant enrollment growth at the University. As well. Combined scores at University Park were 1071 in 1980 and that number rose to 1108 for 1989, the last year for which figures are available.

Because of the nature of the testing and

the differences in the numbers and kinds of students taking SATs, you are bound to see some kinds of fluctuations from year to year," according to Robert Dunham, vice president and vice provost.

"Looking at longer range trends is far more telling than trying to draw conclusions from one year's figures to the next," he said. "We think the long range statistics, at least for the 1980s, look very good for University Park."

There was only one year in the 1980s

when the SAT scores did not increase at University Park. There was an overall increase in both the verbal and math portions of the SAT at University Park throughout the 1980s.

Compared to its sister Big 10 institutions, Penn State ranks fourth in combined math and verbal SAT scores for both 1988 and 1989. Northwestern ranks number one in SAT scores for those two years and Iowa did not take part in the survey.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304). Applications for these staff vacancies will be accepted until Sept. 27. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment Practices (FEP-1) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age, as provided by law, sex or status as a disabled or Vietnam era veteran.

***00949. Supervisor, Athletic and Recreation Operations, Physical Education, Ogeon Campus**—Responsible for providing instruction, intramural and recreational programs. Requires associate degree in recreation and parks or equivalent to two years of college-level training, plus one to two years of relevant experience. THIS IS A FIXED TERM POSITION FUNDED THROUGH LINE 2 to 1991 WITH A GOOD POSSIBILITY OF REFINANCING. STAFF GRADE 5.

***00950. Administrative Assistant, CEO's Office, Delaware County Campus**—Responsible to the campus executive officer for providing administrative support for a variety of

campus activities to include grant and proposal preparation, event coordination and research and report preparation. Requires associate degree or equivalent plus five to three years of effective experience, knowledge of grant and proposal preparation, and good oral and written communication skills also required. THIS IS A FIXED-TERM POSITION FUNDED FOR ONE YEAR WITH GOOD POSSIBILITY OF FUNDING FOR A SECOND YEAR. STAFF GRADE 5.

***00951. Area Representative, Continuing Education, Delaware County Campus**—Responsible to an assistant director or area director for providing the University's function of Continuing Education service in an assigned area. Requires a bachelor's degree or equivalent plus two to three years of effective experience in business, industry or education. STAFF GRADE 5.

***00952. Systems Programmer, The Milton S. HERSHEY Medical Center, Medical Computer Center**—Responsible to the manager, Computer Center Operations, for the generation and maintenance of programs which control the basic function of the computer. Requires bachelor's degree or equivalent in a multi-computer system engineering or business, information and two to four years of programming experience, preferably technical programming and a thorough knowledge of DOS VSI operating system VMI Operation Systems and system support software plus a proficiency in IBM Assembly Language and COBOL

programming languages. STAFF GRADE 5.

***00953. Computer Operator, Applied Research Laboratory, University Park Campus**—Responsible to the systems manager for operational procedures during assigned shift to include preparation and advising users on operation of equipment, overseeing system use and responding to equipment malfunctions. Requires associate degree or equivalent plus one to two years of effective experience in computer operations. U.S. citizenship required. STAFF GRADE 4.

***00954. Area Representative, Penn State Erie, The Behrend College**—Responsible for the development, organization, operation and administration of Continuing Education programs and services in an assigned service area. Requires bachelor's degree or equivalent plus two to three years of effective experience in business, industry or education. STAFF GRADE 5.

***00955. Project Manager, Applied Research Laboratory, ARL Systems Engineering, University Park Campus**—Responsible to the head, Systems Engineering Department for providing program support in the form of schedule and cost data generation within major Laboratory-wide programs. Requires bachelor's degree or equivalent plus over four years up to and including seven years of effective experience in management and coordination of major technical development programs. U.S. citizenship required. STAFF GRADE 5.

***00956. Manager, Safety and Security, College of Medicine, The Milton S. HERSHEY Medical Center, Safety and Security**—Responsible to the associate provost for administration for the organization, development, structure, operation, planning and coordination of the Department of Safety and Security. Requires bachelor's degree in police science, law enforcement or security or equivalent plus five to six years of effective experience. STAFF GRADE 8.

***00957. Project Manager, The Milton S. HERSHEY Medical Center, Department of Nursing Research**—Responsible to the project director for the implementation and effective day to day management of the RIVIE Plus Program Project. Requires master's degree in business administration, social systems science, health care administration or equivalent plus one to two years of effective experience in organizational planning and change. STAFF GRADE 7.

***00958. Medical Assistant, College of Medicine—University Hospital, Hershey, Outpatient Services-Medicine Specialties**—Responsible to the clinical head nurse or manager for providing assistance in health care services and for participation in administration functions. Requires associate degree or equivalent in related field, BLS certification and up to 12 months of effective experience. STAFF GRADE 3.

***00959. Assistant Director, Nursing-Medicine, University Hospital, Nursing Administration, Hershey**—Responsible to the director, Nursing for the overall

direction, administration and supervision of clinical practice education and research activities in the Division of Medicine Nursing. Requires a master's degree in nursing and a registered nurse currently licensed by the Pennsylvania State Board of Nursing, plus three to four years of effective experience in medicine nursing. A doctorate is preferred. STAFF GRADE 8.

***00960. Assistant Chef, Nittany Lion Inn, University Park Campus**—Responsible to the chef for assisting with the efficient operation of the kitchen and related areas. Assume total supervisory responsibility, during chef's absence instruct and train cooks and demonstrate methods of preparation of new menu items. Requires associate degree or equivalent from a culinary school or professional training in a hotel or restaurant plus three to four years of effective experience. STAFF GRADE 5.

***00960. Recreation and Athletics Specialist, Penn State Harrisburg**—Responsible to the coordinator, Recreation and Athletics, for providing developing and implementing portions of a recreation and athletics program with special emphasis on women's activities. Requires bachelor's degree or equivalent in physical education, recreation or related field plus over one year of effective experience, preferably in women's sports. Master's degree and or athletes training preferred. THIS IS A CONTINUING, 10 MONTH POSITION. STAFF GRADE 5.

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7517.

William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

September 20, 1990
Vol. 20, No. 5

CULTURAL FESTIVAL

Photos from the Sept. 15
Festival of Cultures are on
page 6.

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INTERCOM

September 27, 1990

Volume 20, Number 6

Construction begins on new classroom/office building

The Office of Physical Plant is beginning construction this month on a five-story, 95,000-square-foot classroom and office building at the intersection of Pollock and Shortlidge roads at University Park.

The \$11,200,000 classroom and office building authorized by the Board of Trustees in July will be located in the southwest corner of the site and is scheduled for completion in May, 1992.

The lower portion of Pollock fields will continue to be used as a playing fields.

The new classrooms and lecture halls will be a substantial improvement over a number of undesirable rooms that are now being used as classrooms. The new building with 1,600 classroom and lecture hall seats will be fully equipped with state-of-the-art computers and telecommunication systems. Once it's ready, we will be able to turn the old rooms to more appropriate uses."

Robert Allen, director of audio-visual services and chairman of the University-wide Classroom Improvement Committee, said.

The architect, IKM Inc. of Pittsburgh, has designed an L-shaped building with an imposing stairway to the second-floor classrooms that will blend well with existing buildings in central campus. The setbacks will align the building with the garden wall at McElwain Hall to the south and Ritenour Health Center to the west, leaving space to the north toward Eisenhower Auditorium for a second



Artist's rendering of new classroom/office building at University Park

classroom building not yet scheduled for construction.

The first floor will contain the main lobby and stairway, 12 classrooms, a lecture room for about 100 and a one-story wing with two large sloped-floor lecture halls, one for 200 students and one for 275 students. The second floor will be similar, but will not have the large lecture halls.

The third, fourth and fifth floors will

contain offices for the Eberly College of Science and its Department of Statistics.

"The new classroom building will be constructed on the edge of the play fields adjacent to Pollock Road, leaving most of Pollock field for play areas. The green space will be replaced when the poultry research facilities are relocated in new facilities to be constructed on the north portion of campus near Headhouse 4.

About 14 acres of open space adjacent to the outdoor pool will be gained as a result of the relocation of the poultry complex," James Wagner, vice president for business and operations, said.

Cumberland Construction has been contracted to begin the project, and the Office of Physical Plant will monitor and inspect the progress of the building.

Plans made for Homecoming celebration

Penn State Homecoming 1990 will take place Oct. 1-7 at University Park.

Actual festivities begin at 7 p.m. Wednesday, Oct. 3, south of Beaver Stadium with Greek and independent crazy band and banner competitions. Coronation of the Homecoming king and queen is scheduled for 8 p.m., followed by the traditional bonfire at 8:30 p.m. and fireworks at 9 p.m.

President Thomas will be the grand

marshal, for the annual homecoming parade at 5:30 p.m. Friday, Oct. 5. Student floats, the Blue Band, the Alumni Blue Band and the State College Area High School Band will march from the flower gardens near East Halls through campus to College Avenue and up Burrows Road to Recreation Building.

Friday's events continue with a Candlelight Vigil on the steps of Old Main

Please see 'Homecoming' on page 3.

Dean Petersen named chairperson of the 1990 United Way Campaign

Anne C. Petersen, dean of the College of Health and Human Development, is serving as chairperson for the University Park 1990 United Way Campaign. She served as vice chair in 1989 and assisted in seeing the campaign exceed its goal by more than \$40,000.

Named as vice chair for 1990 is James M. Wagner, vice president for business and operations. Mr. Wagner will serve as campus chair in 1991, continuing the campaign leadership tradition that has been established by providing consistent administrative support for United Way.

As chair of the University Park Campaign, Dean Petersen will be meeting with campus administrators to explain the United Way program and the importance of providing administrative support to the annual campaign which historically has

provided more than one-fourth of the total funds allocated to Centre County's 32 United Way agencies.

Dean Petersen, nationally prominent in the field of human development, headed the Department of Individual and Family Studies for five years prior to her appointment as dean. Before coming to Penn State, she was active in the development of health-related research and training programs at the MacArthur Foundation and Michael Reese Hospital and Medical Center in Chicago. She also was an associate professor in the Department of Psychiatry at the University of Chicago.

She is one of the nation's leading researchers in adolescence and has published extensively in the scientific literature and served on the editorial boards

Please see 'United Way' on page 3.

INSIDE

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- Campus climate issues.....Page 8
- Staff Position Evaluation programPage 10

Focus on Diversity

Gospel concert will benefit minority students

Renowned gospel group Gabriel Hardeman Delegation and State College area artists "Chiz" Rider and United Soul Ensemble will present a gospel concert fundraiser to benefit a new scholarship for minority students at 8 p.m. Sunday, Sept. 29, in Schwab Auditorium at University Park.

Tickets cost \$7.50 and are on sale at the Eisenhower Auditorium ticket center. The event is sponsored by the Delta Theta and State College Alumni Association chapters of Kappa Alpha Psi Fraternity Inc., Mid-State Bank and Trust Co. and Mellon Bank. The concert will raise funds for a new scholarship to benefit Black-American/

African-American students at Penn State.

"This is the first time for such an activity in State College," Earl Merritt, a Kappa Alpha Psi member and concert organizer, said. "We hope the community will support this worthy cause."

Led by award-winning songwriter Gabriel Hardeman, the Hardeman Delegation of Philadelphia has achieved notable popularity in mainstream as well as gospel circles. The group has performed back-up in concert appearances by the group "Foreigner" and musical vocalists Teddy Pendergrass and Patti LaBelle.

Now a junior in high school and

recording his second album, 16-year-old Mr. Rider of State College has been playing the trumpet for large audiences since elementary school. He has won numerous soloist awards, including a scholarship to Berklee College of Music, Mass., as winner of the Outstanding Soloist Award from the 12th Annual High School Jazz Festival.

The United Soul Ensemble is the University's student gospel choir, which has performed for such prestigious audiences as Eleanor Holmes Norton, Georgetown University law professor and former Equal Opportunity Commission chair, and Archbishop Desmond Tutu.

Women of Color

The Central Pennsylvania Women of Color is sponsoring its monthly luncheon at noon Thursday, Oct. 4, at Hotel State College. The speaker is Carolyn Brown, branch manager of Kelly Services in State College.

Current and new members are welcome. For reservations, call 865-1878 by Tuesday, Oct. 2; for more information, contact coordinator Vicki Fong at 865-7517.

WPSX-TV programs

Channel 3 is proud to present *The Nat King Cole Show* at 9:30 p.m. Saturdays.

The station has scheduled 26 original programs from the singer's hit 1957 NBC music and variety series. Mr. Cole, a jazz pianist who found international fame as a singer, became one of the first black performers to surmount the prejudice of the times.

New Orleans is known for its exciting nightlife, Mardi Gras, the Sugar Bowl and jazz. Mayor Sidney Barthelme was the first Americanized African elected to the Louisiana State Senate since Reconstruction and now serves as the first vice president of the National League of Cities. He tells of his plans to deal with the myriad of problems confronting urban areas on *Tony Brown's Journal* airing at 11:30 a.m. Sunday, Sept. 30.

Master's degree fellowships being offered

The University is offering master's degree fellowships for Native American Indian students interested in special education training.

"Students from various states, including North Dakota, Wisconsin, Arizona, New Mexico, New York and North Carolina, have graduated from the program that was established in 1983 through a U.S. Department of Education grant," Anna Gajar, associate professor of special education and program director, said.

The program is affiliated with Penn State's nationally recognized Native American Indian Leadership Program.

The American Indian Special Education Teacher Training Program is designed to prepare Native American Indian teachers to effectively work with mentally and physically handicapped Native American Indian children. Seminars focusing on Native American Indian education are conducted in conjunction with the Native American Indian Leadership Program.

Participants in the program will receive a monthly stipend of approximately \$650, a dependency allowance, remission of tuition and a textbook allowance. Graduates will receive a master's of education degree in special education. Depending upon

application qualifications, the course of study will involve at least a one-year commitment.

After graduation, participants will be qualified for several employment opportunities, including special education teacher, special education program coordinator and consultant, special education program developer and special education positions within the Bureau of Indian Affairs.

The deadline for submitting applications for Spring Semester is Nov. 15. The application deadline for Fall Semester 1991 is April 15, 1991.

Diversity Calendar

Saturday, Sept. 29

Muslim Student Association, 9 a.m. to 11 p.m., first floor HUB. "Third Annual Muslim World Fair" will feature a lecture on "Islam: Faith and Politics" by John Esposito, and exotic foods, oil painting, crafts, art, movies, slide shows, computer graphics and book displays.

Kappa Alpha Psi Fraternity, 8 p.m., Schwab Auditorium. Gospelmaera concert featuring Gabriel Hardeman Delegation, "Chiz" Rider and United Soul Ensemble.

Monday, Oct. 1

Women's Studies, 12:15 to 1 p.m., 12 Sparks Building. Women's Studies Student Affairs Committee discussion and planning meeting.

Paul Robeson Cultural Center and Office of Religious Affairs, 7:30 p.m., Paul Robeson Cultural Center. "Eyes on the Prize" film series, followed by discussion by Rev. Kenneth Clarke.

Thursday, Oct. 4

Office of Minority Faculty Development, 7 to 9 p.m., Paul Robeson Cultural Center. Informal faculty networking gathering.

On racial harassment

Teleconference set for Oct. 5

A teleconference on campus responses to racial harassment and intimidation will be presented from 1 to 3 p.m. Friday, Oct. 5, in Room 112 Kern Building at University Park.

The teleconference will examine a number of questions, including:

How does a college or university begin to build a sense of community for all of its citizens; what are "fighting words" and the first amendment questions; what are the implications for victims of this behavior;

what successful strategies and approaches have been used; how can your campus begin the dialogue?

The teleconference is being presented by the National Association of Student Personnel Administrators, in conjunction with Oklahoma State University and the National University Teleconference Network.

For additional information and registration, call the Human Resource Development Center at 865-3410.

News in Brief

Soviet visitor

Soviet Academician Boris V. Derjaguin of the Institute of Physical Chemistry will visit the Materials Research Laboratory at University Park, Oct. 1 and 2 as a guest of the Laboratory's Diamond and Related Materials Consortium.

Dr. Derjaguin and his colleagues, in the mid-seventies, made the key breakthrough discovery that the presence of atomic hydrogen made it possible to grow diamonds from the

vapor.

At 3:45 p.m. Oct. 1 in 112 Kern, Dr. Derjaguin will discuss his work on "cold fusion" via mechanical fracture of solids, published two years before the electrochemical claims at Ural. At 11 a.m. Oct. 2 in Room 189 MRH, he will discuss his work on CVD diamonds.

Returning adult students

The Returning Adult Student Center is sponsoring a program for returning adult students discussing "The Impact Your Studying Has on the Family" from 12:30 to 1:30 p.m. Wednesday, Oct. 3, in the

Robeson Cultural Center at University Park.

The program will focus on: identifying stressors and the adjustment process; managing multiple roles; discuss problem-solving skills, and application of skills to an example case.

If you are interested in attending or would like further information, contact the Returning Adult Student Center at 865-3887 or stop by 323 Boucke.

LIAS workbook

The LIAS Workbook, a self-guided workbook which has been used for five

years to train staff within the University Libraries on the use of LIAS, is now available to the general public. The workbook, which has been updated and modified, serves as a reference tool and provides easy, but detailed instructions on the use of LIAS.

LIAS is an on-line electronic catalog replacing the traditional card catalogs that have served Penn State for more than a century.

The workbook is available through the University Libraries' Accounting Office, ES06 Patten Library, University Park, Pa. 16802, for \$5.

United Way

Continued from page 1.

of numerous scholarly journals. She has served as board or committee member for several service agencies, including the World Scout Bureau. She holds three degrees from the University of Chicago.

Serving as associate and assistant chairs for the 22 major administrative areas at University Park are: Academic Services, **Robert E. Dunham** and **Gloria Briggs**; Agriculture, **Lamarine F. Hood** and **Robert W. Sams**; Arts and Architecture, **James C. Moeser** and **James Stephenson**; Athletics, **W. Herbert Schmidt** and **Linda J. Woodring**; Business Administration, **J.D. Hammond** and **Trudy A. Smith**; Business and Operations, **James M. Wagner** and **Dale Roth**; Commonwealth Educational System, **Richard E. Grubb** and **Kenneth E. Varcoe**; Communications, **Brian N. Winston** and **Rickey McCarry**; Computer and Information Systems, **J. Gary Augustson** and **Paul J. Peworchik**; Development and University Relations, **G. David Gearhart** and **Janice F. Oakes**; Earth and Mineral Sciences, **John A. Dutton** and **Everett F. Tiffany**;

Education, **Rodney J. Reed** and **A.J. Grillo**; Engineering, **John A. Brighton** and **George J. McMurry**; Finance, **Ken S. Babe** and **William F. Nogroski**; Health and Human Development, **Anne C. Petersen** and **Ginny Adams**; Liberal Arts, **Theodore E. Kiffer** and **James A. Winck**; Research and the Graduate School, **Charles L. Hosler** and **Beatrice Swift**; President's Office, **Carol A. Herrmann** and **Sharon E. Becker**; Science, **Gregory L. Geoffroy** and **Robert Mitchell**; Student Services, **William W. Asbury** and **Sara W. Alterio**; Undergraduate Education, **C. Gregory Knight** and **Rebecca A. Young**; University Libraries, **Nancy M. Cline** and **Cynthia R. Dettmer**.

Homecoming

Continued from page 1.

at 7:30 p.m., where Dr. Thomas will be joined by the Glee Club, Singing Lions and the United Soul Ensemble.

A reception for all alumni and current students will follow at 8 p.m. in Rec Hall. The annual "Guard the Lion Vigil" at the Nittany Lion shrine will take place from 10 p.m. to 2 a.m. The Penn State Nittany Lion football team takes on the Temple Owls at 1 p.m. Saturday, Oct. 5, in Beaver Stadium.

Homecoming activities continue with the 1990 Fun Run on Sunday, Oct. 7, starting at 9 a.m. in front of Rec Hall. Registration is being held in 203B HUB throughout the week, and the morning of the race at Rec Hall.

An award ceremony in the HUB fishbowl at 8 p.m. will bring the week of Homecoming celebrations to a close.

Carpooler

Jolene would like to carpool from Phillipsburg to University Park from 11:30 a.m. to 8:30 p.m. Call 865-4731 or 378-6267.

Four Alumni Fellows scheduled to visit

Four graduates will visit the University between Oct. 2 and 6 to receive the Alumni Fellow award.

They are **Robert Max Mangels**, president and chief executive officer of Mangels S.A., Sao Paulo, Brazil, who will visit Penn State Erie, The Behrend College, Oct. 3 and 4; **Richard L. Leshner**, president, U.S. Chamber of Commerce, and **Stanley Sporkin**, presiding judge, U.S. District Court, Washington, D.C., who will visit the Smeal College of Business Administration Oct. 4 to 6; and **Marvin L. Krasnansky**, vice president of corporate relations, McKesson Corp., who will visit the School of Communications Oct. 2 to 6.

The Alumni Fellow award, presented by the Penn State Alumni Association, is the most prestigious of the association's awards. It is administered in cooperation with the colleges. The Board of Trustees has designated the title of the Alumni Fellow as permanent and lifelong.

Born in Sao Paulo, Mr. Mangels studied engineering at Penn State-Behrend before completing his bachelor's degree at University Park. He holds an MBA from the Wharton School at the University of Pennsylvania.

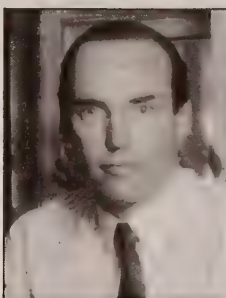
Mangels S.A. is a family-owned organization that was founded in 1928 by Mr. Mangels' grandfather. The company began as a producer of galvanized buckets in Brazil. Since then, it has become a world leader in the production of bottles for liquefied petroleum gas.

Mr. Mangels is a member of the Center for Socioeconomic Studies and Debates in Brazil, which is a think-tank involving businessmen and economists promoting the interest of free enterprise. He also is a member of the Advisory Board of the William Wurster Center for International Management Studies at the Wharton School.

Judge Sporkin, appointed to the federal bench in 1986, recently heard the Charles H. Keating Jr.-Lincoln Savings & Loan case, in which he ruled that federal regulators had not illegally taken over the failed thrift and would have been negligent if they had not.

Previously, Judge Sporkin held the post of general counsel to the Central Intelligence Agency. Before that, he capped a 20-year career with the Securities and Exchange Commission with seven years of service as director of enforcement.

In 1953, he received a bachelor's degree in commerce from Penn State and was named a Distinguished Alumnus of the University in 1979. He holds a law degree from Yale University. He is a member of Smeal College's Board of Visitors.



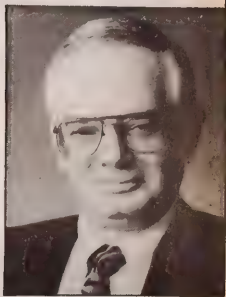
Robert Max Mangels



Richard L. Leshner



Stanley Sporkin



Marvin L. Krasnansky

Dr. Leshner has been president of the U.S. Chamber of Commerce since 1975. He is a writer and radio and television commentator with weekly appearances on "It's Your Business," a public-affairs debate program. He also writes a weekly syndicated column, "Voice of Business," which is carried in 670 U.S. newspapers.

From 1964 to 1969, he was employed by the National Aeronautics and Space Administration and was administrator for technological utilization at the time of the first moon landing. Subsequently, he was a business consultant and worked with the National Center for Resource Recovery.

In 1960, Dr. Leshner received a master of science degree in business administration from Penn State. He holds a bachelor's degree from the University of Pittsburgh

and a doctoral degree from Indiana University.

Once an editor of *The Daily Collegian*, Mr. Krasnansky graduated from the University with a B.A. in journalism in 1952.

He joined McKesson Corp., a San Francisco-based distribution company, in 1979. He had earlier worked with Becton, Dickinson and Co., and Batten, Barton, Durstine and Osborn International, as well as Paine, Webber, Jackson and Curtis Inc. and International Utilities Corp.

He also has worked in public relations with the New York Stock Exchange and in the newspaper industry with *The Wall Street Journal*, *Easton Express* and *Lancaster New Era*. In addition, he is a member of Penn State's Development Council and Libraries Development Advisory Board.

Faculty/Staff Alerts

IBIS open house

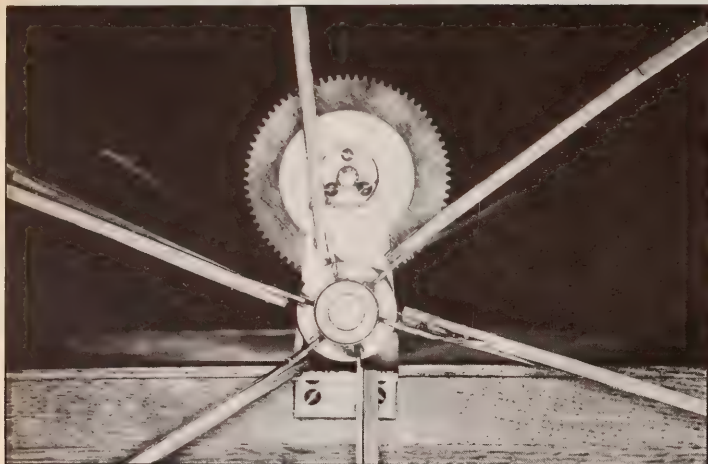
To help the University get up to speed on the IBIS Release 2.1 documents, IBIS Release 2.1 Open Houses, hosted by the College of Earth and Mineral Sciences, will be held from 10:30 a.m. to noon on Thursdays, Oct. 4 through Nov. 15, in 400 Walker Building.

Representatives from the Release 2 Pilot areas, the Central Offices, and the IBIS Training Office will be available to answer questions, to help with the data entry, and to discuss any other problems or concerns.

Terminals will be available for on-line help. Bring the necessary data if you need help creating forms.

Mail service

Due to the unrest in Iraq and Kuwait, the U.S. Postal Service has asked that we not send any mail to these countries until further notice. There are no alternatives to getting mail into these countries at this time. Mail Services will keep the University community advised of any further developments.



The Machines of Leonardo da Vinci

These two photos taken by Greg Grieco illustrate designs made in the 15th century by the famed artist and Renaissance man Leonardo da Vinci. An exhibit featuring 27 table-top scale replicas of inventions inspired by da Vinci's notebooks is on display at the Palmer Museum of Art at University Park, through Nov. 4.

Spring holiday to change in calendar

Beginning in 1992, the spring break holiday will fall after the eighth week of classes, according to **Robert E. Dunham**, vice president and vice provost.

"The change in scheduling for the 1992 spring holiday is in response to a recommendation to the president from the University Faculty Senate," Dr. Dunham said.

"Students and faculty members had expressed an interest in having the timing of the spring holiday moved from after the seventh week of the semester to the more natural mid-point after the eighth week."

The 1992 spring holiday is scheduled for Monday through Friday, March 9 to 13. There will be eight weeks of classes preceding the holiday break and seven weeks of classes and one week of final exams following the break.

The University Registrar has published a revised academic calendar for the 1991-92 academic year reflecting the change, Dr. Dunham said. The revised calendar is identical to the previously published calendar, except for the dates of the 1992 spring holiday. The academic calendar for Spring Semester 1991 remains unchanged, with the spring holiday scheduled for March 4 to 8.

Conference is set for University Park

Critical issues in continuing professional education will be addressed at the Second National Invitational Conference on Continuing Professional Education at University Park Oct. 4 and 5.

National leaders representing higher education, professional associations, business and industry will summarize their investigations of key issues identified at the first conference, "A Call to Action," held in 1986. Both conferences have been coordinated by the Division of Planning Studies' Office of Continuing Professional Education and sponsored by Penn State and the W.K. Kellogg Foundation.

"With increasing quantities of new and more sophisticated knowledge across professions, practitioners no longer can maintain competence on the basis of their initial education alone," Donna Queeney, director of planning studies, said.

The conference, "An Agenda for Action," will be based on seven small group reports by continuing professional educators from across the country. Participants expect to produce a set of recommendations for the future of continuing professional education.

A summary of the conference and copies of the individual reports will be available from the Office of Continuing Professional Education this fall.

Obituary

Patricia A. Long, clinical nurse specialist at the Hershey Medical Center since Jan. 5, 1976, died Aug. 23 at the age of 53.

Private Giving to Penn State

Gift establishes Weiss Professorship in Humanities

The Josephine Berry Weiss Professorship in Humanities has been established in the College of the Liberal Arts.

The professorship builds on the Josephine Berry Weiss faculty fellowship, endowed with a \$116,000 gift from alumni William L. and Josephine B. Weiss in 1984.

To endow the professorship, the Weisses are making an additional gift of \$67,000, which will be matched by other funds secured by the college.

"With a total endowment of \$250,000, the Weiss professorship will give greater

support to the faculty member who will be appointed to the position," Theodore Kiffer, interim dean, said. "Professorships also help us to retain our best teachers and researchers and recruit prominent scholars."

The Weisses' decision to create the professorship comes only two months after they gave the University \$1 million to endow a faculty chair in science, technology and society. The chair aims to bridge the gap between studies in engineering and the humanities.

"Jo and Bill Weiss have played an

important role in strengthening the humanities at Penn State, and we're grateful for their continuing support," Dr. Kiffer said.

Mrs. Weiss earned a bachelor's degree in liberal arts from the University in 1950. She is a trustee of Chicago's Alder Planetarium and a vice president and board member of the Chicago Child Care Society.

Mr. Weiss, a 1951 engineering graduate of Penn State, is chairman and chief executive officer of Chicago-based Ameritech, one of seven regional holding

companies formed in 1984 from the divestiture of AT&T. The University named him a Distinguished Alumnus in 1986.

Dr. Kiffer said that income from the endowed professorship could be used for such purposes as research support, scholarly travel, stipends for graduate assistants and salary supplements.

The College of the Liberal Arts has 20 endowed faculty positions.

Hershey Foods Corp. supports the Guthrie Chair in Nutrition

Hershey Foods Corp. has donated \$125,000 to the endowment of the Helen A. Guthrie Chair in Nutrition in the College of Health and Human Development.

The chair was established last year in honor of Dr. Guthrie, an internationally recognized authority on nutrition and health and a Penn State faculty member for 41 years. She also is the first holder of the chair.

"Hershey Foods' generous commitment is further evidence of the high esteem in which Dr. Guthrie is held by the food industry," Dean Anne C. Petersen said. "Her pioneering research into how people can attain nutritional balance from available foods has helped our program earn distinction worldwide."

Dr. Guthrie served as head of the Department of Nutrition for 15 years and directed the intercollegiate graduate program in nutrition from 1983 until 1989.

Endowed chairs are among the highest

forms of faculty recognition. Income from the endowment may be used for research, graduate assistants, equipment acquisitions and other purposes related to the scholarly activities of the chair holder.

"The Guthrie Chair is playing an important role in helping the Department of Nutrition achieve its goal of becoming the best in the nation," Dr. Petersen noted.

"We're grateful to Hershey Foods for its continuing support of our entire Nutrition Program."

In 1987, the company committed \$250,000 to establish an endowment that will be used to help purchase equipment and other resource materials for the Nutrition Department.

Hershey Foods and its subsidiaries employ about 250 Penn State alumni and manufacture a wide variety of chocolate, confectionery, pasta and other consumer food products.

Professorship endowed in Agriculture

Penn State alumnus John Franklin Styer has donated \$250,000 to endow a professorship in the College of Agriculture.

The J. Franklin Styer Professor of Horticultural Botany will study the interaction of hardy landscape plants and urban environmental factors.

"We need to identify and preserve plants with unique and superior traits, especially in stressful urban environments," Mr. Styer, a retired nurseryman from Concordville, said.

"Air pollution, crowded root zones," soil composed of urban debris, and unnatural extremes in available light and water are only a few of the stresses plants must withstand in metropolitan areas. The result is that trees that would live for a hundred years in the wild do well to survive 15 years on a city street.

"The quality of the lives of Pennsylvania's citizens is enriched by plants in the home, garden and landscape," Dean Lamarine F. Hood said. "This professorship will help us to attract and support an

outstanding scholar and deepen our commitment to horticulture and the preservation of the environment."

Mr. Styer, a Concordville native, graduated from Penn State in 1922 with a bachelor's degree in agricultural chemistry. He later received a doctorate from the University of Pennsylvania.

His father was the first in the United States to recognize the commercial potential of mushroom cultivation, pioneering what has become the \$294 million Pennsylvania mushroom industry, the largest in the nation.

J. Franklin Styer studied mushroom cultivation and production at Penn State and later at Penn before returning to Concordville and entering the mushroom business. In 1950, he started a nursery in Concordville and specialized in cut peonies. He retired in 1987 and moved with his wife, Agnes, to Bend, Ore.

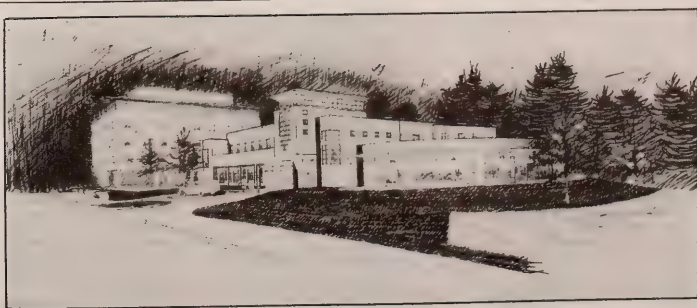
The Styers previously endowed a scholarship fund in the Department of Horticulture.

Scholarship aid

Students in the manufacturing option of Penn State's Master of Business Administration program will soon reap the benefits of four \$50,000 grants from major manufacturers.

The funds from Eastman Kodak, Corning Asahi, Hewlett Packard and GTE Products Corp. will support scholarships and other financial assistance, as well as research, the purchase of specialized computer software and supplemental printed material. The grants also will fund tours of manufacturing plants, visits to campus by company executives and annual conferences.

"These grants will result in a significantly richer educational environment for our students," said Michael P. Hottenstein, professor-in-charge of the manufacturing option. "Our goal is to educate engineers to manage amid the rapid changes and complexities in manufacturing, so that American firms will be more competitive internationally."



Preliminary plans have been approved for the new Mater Building, which will accommodate the Hotel, Restaurant and Institutional Management Program in the College of Health and Human Development at University Park. It will be located directly east of Keller Building. The majority of the \$5.4 million project will be financed through private gifts.

Focus on the arts

Turkish carpets

Turkish Carpets: Art and History, an exhibit by Mary Birdsong, is on display in the HUB Formal Gallery at University Park until Oct. 30.

The exhibit features a sampling of mostly 20th century Turkish carpets and flat-weave kilims, explaining the world that created them, the patterns found in them, and the techniques and materials used to create them.

Odyssey on WPSU

On "Betraying the Novel," the next episode of "Odyssey Through Literature," Lillian Furst of the University of North Carolina at Chapel Hill and host Leonard Rubinstein discuss how one should read -- and teach -- a novel.

"Odyssey Through Literature" is produced by the Department of Comparative Literature and airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Metals artist to visit

Helen Shirk, a metals artist whose work is nationally and internationally known, will be a visiting artist in the School of Visual Arts from Sept. 28 to Oct. 4. She will give a public lecture at 1:30 p.m. Tuesday, Oct. 2, in the Palmer Museum of Art at University Park.

Ms. Shirk's work is inspired by the conflicting forces present in nature and is suggestive of ancient trees and the primeval forest. Her work underscores the uncertainty of life and the fragility of new growth existing beside nature in decay.

She received her bachelor's degree from Skidmore College and a master of fine arts from Indiana University. She currently is professor of art at San Diego State University.

The arts on Channel 3

Crystal clear voices blending the soft harmonies of yesteryear with the vibrant tones of today describes *Fred Waring's U.S. Chorus 1989: Moments in Time*. An encore presentation will air at 10 p.m. Monday, Oct. 1, during public television's Showcase Week.

When Zubin Mehta lifts his baton to begin the telecast of *Live from Lincoln Center's* 15th anniversary season, airing at 8 p.m. Wednesday, Oct. 3, Daniel Barenboim, a close friend and colleague of Mr. Mehta's will be there too, performing two major concerti from the piano repertoire: Beethoven's Piano Concerto no. 3 and Tchaikovsky's Piano Concerto no. 1. The famed pianist currently is music director designate of the Chicago Symphony Orchestra, succeeding Sir Georg Solti in September 1991.

Cezanne: The Riddle of the Bathers with host E.G. Marshall, a co-production of WPSU, TV/Penn State and Inter TV AG of Basel, Switzerland, in association with the Kunstmuseum in Basel, explores the obsession of artist Paul Cezanne with the

theme of male and female bathers.

The 60-minute program, airing at 10 p.m. Wednesday, Oct. 3, is based on the exhibition "Cezanne: The Riddle of the Bathers," conceived by art historian and faculty member Mary Lou Krumrine, and held last fall at the Kunstmuseum in Basel, Switzerland.

Oboe recital

Barry Kroeker, assistant professor of oboe, will perform in concert at 8 p.m. Monday, Oct. 1, in the Recital Hall of the Music Building at University Park.

The program titled "Trifles or Truffles" will offer a variety of works by lesser-known composers.

Mr. Kroeker will be joined by fellow faculty members Marylene Dose, piano; Smith Toulson, clarinet; and Daryl Durran, bassoon, in his performance of works by Jean Guy Ropartz, Alexander Hill, Jean-Michel Damase, Joseph Canteloube and Rene Monfauillard.

Dancer Vicky Beretta will assist the musicians in interpreting the "Five Ballet Exercises (for Andrea)" by Alexander Hill.

Sculpture discussion

A panel of art education graduate students will hold a discussion about public sculpture on the University campus and in State College at 12:10 p.m. Thursday, Oct. 4, in the Palmer Museum at University Park.

Robert W. Ott, professor of art education and coordinator of the museum education option, will head the panel. The discussors who will discuss the George Grey Barnard sculptures located in the lobby of the Eisenhower Auditorium; Isgal Tumarkin's sculpture of the falling soldier on the south end of the HUB lawn; George Tsutakawa's fountain located in the Walter Walters Courtyard, in front of the Arts Building; and Stephen Porter's "Colonnade" located at the corner of East College Avenue and Heister Street.

Bach's lunch

The HiLo's, a group of 14 singers from the Penn State Glee Club, will perform in

concert at 12:10 p.m. Thursday, Oct. 4, in the Eisenhower Chapel at University Park.

The 20-minute concert is part of the Bach's Lunch Concert series, sponsored by the School of Music and the University Lutheran Parish.

The group is directed by Bruce Trinkle of the School of Music faculty and performs a wide repertoire including madrigals and folk songs.

URTC season

The University Resident Theatre Company, made up of Penn State theatre students, faculty members and guest artists, will present five productions during the 1990-91 season at University Park.

"Crime on Goat Island," by Ugo Betti, directed by Carole Brandt, opens Oct. 5 at the Pavilion Theatre. An entry in the American College Theatre Festival, "Crime on Goat Island" is scheduled for performances Oct. 6, Oct. 8-13, and matinees Oct. 6 and 13. Special student previews will be Oct. 3 and 4. The play is intended for mature audiences.

Shakespeare's "The Merchant of Venice," directed by Richard Nichols, opens Oct. 26, in the Playhouse Theatre. It runs Oct. 27, Oct. 30-Nov. 3, with a matinee on Nov. 3. Student previews will be Oct. 24 and 25.

"The Butterflies Angel, Mary and Joseph, Herod the Nut and the Slaughter of 12 Hit Carols in a Pear Tree," by William Gibbons, directed by Helen Manfull, opens Nov. 16, in the Pavilion. The play is scheduled for performances Nov. 17, Nov. 19-20, Nov. 27-Dec. 1, with matinees on Nov. 17 and Dec. 1. Student previews will be shown on Nov. 14 and 15.

Gilbert and Sullivan's "The Pirates on Penzance," directed by Cary Libkin, opens Feb. 22 in the Playhouse. It is scheduled for performances Feb. 23, Feb. 25-March 1, with a matinee performance Feb. 23. Student previews will be held Feb. 20 and 21.

"The Children's Hour," Lillian Hellman's classic play will be directed by Manuel Duque. It opens April 10 in the Pavilion and is scheduled for performances April 20, April 22-27, with matinees on April 20 and 27. Student previews will be held on April

17 and 18.

All evening performances begin at 8 p.m. Matinees begin at 2 p.m. Student previews offer ticket discounts for Penn State students with a valid ID. For ticket information call (814) 863-0255.

Glee Club concert

The Penn State Glee Club will celebrate its 20th year under the leadership of Bruce Trinkle, associate professor of music, at the Homecoming Concert at 7:30 p.m. Saturday, Oct. 6, in Schwab Auditorium at University Park.

The program includes sacred music, Italian folk songs, British sea shanties and American folk songs and spirituals. Suzanne Murphy, a graduate of the School of Music, will be guest soprano, singing a selection from Verdi's "La Forza Del Destino" and "Here's that Rainy Day."

"The Glee Club has dedicated the concert to Anton Matesi, a member of the group who suffered a spinal stroke over the summer. The Glee Club will be asking for donations during the concert."

Donations also can be sent to: Anton Matesi Trust Fund, Honesdale National Bank, 733 Main Street, Honesdale, Pa.

Children's series

The Center for the Performing Arts has announced that its new children's series will be sponsored by Peoples National Bank.

The series, "Wide Eye Wonders," offers four different performances for families on Sunday afternoons at University Park. Dinosaur dinosaurs, flying machines, an amazing brass quintet and an enchanting prince are the stars.

The series opens with "Mammoth Follies," a musical revue by the Hudson Vagabond Puppets, on Oct. 7 in Eisenhower Auditorium. Telling the abbreviated story of evolution, the cast includes a 22-foot dinosaur named Bessie Brontosaurus, Smiley, a sabre-toothed tiger, and some singing vegetation.

Real people are the stars of "The Wright Brothers" being presented Nov. 11 in Eisenhower Auditorium. In this musical, Orville and Wilbur learn how to fly, but their trials, failures and determination are the real story.

On Feb. 3 in Schwab Auditorium, A. de Saint Exupery's classic book *The Little Prince* is retold. The production will have sets and costumes designed on the original drawings from the novel.

Combining music, fun and strange instruments in a special family concert is the Chestnut Brass Company. The music is classical, jazz and contemporary; the lessons are lively. "Hot Air: The Story of Brass Instruments" is scheduled for April 28 in Schwab Auditorium.

Tickets are priced at \$5 for adults and \$3 for students and children. They are available from Eisenhower Auditorium Ticket Center.

See more arts stories on page 11.

The arts at...

Penn State Harrisburg

The diverse cultural heritage that makes up our world will be the theme of an activities series for the 1990-91 year at Penn State Harrisburg. "The Heritage Series" will explore local heritage and celebrate diversity.

The series opens at noon Tuesday, Oct. 2, with a lecture, "The Ethics of Land Use: Preserving What We Cherish," by John Hostetter, professor of sociology and anthropology at Elizabethtown College. The discussion on land ethics and environmental policy, with reference to events in Lancaster, will be held at the

Penn State Downtown Center, 234 N. Third St., Harrisburg.

Ogontz Campus

Three award-winning area artists and their talented offspring will display a collection of their contemporary paintings, drawings and sculpture at Penn State Ogontz Campus' Woodland Library, through Friday, Oct. 5.

Artists include Jerry Smith and Rita Sieminski Smith, Elkins Park; George and Daniel Anthonisen, Solebury; and Sandra and Deborah Hoffman, Philadelphia.

University Park Calendar

September 27-- October 7

Special Events

Thursday, September 27

Careers in the Arts, 10-11:30 a.m., Palmer Museum of Art. Ron Hand on "Designing Museum Exhibitions with Computers." Back's Lunch, 12-10:12:30 p.m., Eisenhower Chapel. Penn State Clarinet Quartet.

■ International Lecture Series, 2:30-4 p.m. International Lounge, 222 Boucke. Charles Cantalupo, Schuylkill Campus, on "Multi-Cultural Performance and the Practice of Poetry."

Friday, September 28

Geog. Coffee Hour, 4 p.m., 319 Walker. Sandra Steth on "Back to the World of Tomorrow: The 1939-40 New York World's Fair."

Sunday, September 30

Shaver's Creek, afternoon, Spring Creek Walk. Call 355-8007. Carnegie Hall Film Series, 7 p.m., 203 Willard. Verige (1958): 9:15 p.m., *The 400 Blows* (1959), Free.

■ Duquesne Univ. Tambourines, folk dances, 7:30 p.m., Eisenhower Aud.

Monday, October 1

Shaver's Creek, Extra Junior Nature Explorers, 10-11:30 a.m.: Also Oct. 3: 5:30-6:30 p.m., 101 Kern. Joyce Neu on "Found Literature: An Analysis of Everyday Talk." Women's Studies meeting, 12:15-1 p.m., 12 Sparks. Women's Studies Student Affairs Committee. Faculty/staff, Gay/Lesbian Concerns Group, meeting, 7:30 p.m., Henderson South 25. School of Music, 8 p.m., Recital Hall. Barry Kroeker, oboe.

Wednesday, October 3

Campus Bloodmobile, 10 a.m.-4 p.m., Wagner Armory.

Graduate Faculty annual meeting, 4 p.m., 112 Kern. Charles L. Hosler Jr.

Center for Women Studies, Brown Bag Lunch Series, noon-1 p.m., CWS Lounge, 120 Boucke. Dorothy Blair on "Food Systems and Ecofeminism."

URTC, 8 p.m., student preview. *Crime on Goat Island*. Also Oct. 4.

School of Music, 8 p.m., Recital Hall. Penn State Symphonic Wind Ensemble.

Thursday, October 4

Earth and Mineral Sciences, IBIS open house, 10:30 a.m.-noon, Walker Bldg. Thursdays through Nov. 15.

Back's Lunch, 12-10 p.m., Eisenhower Chapel. Penn State Glee Club's H-Lo's.

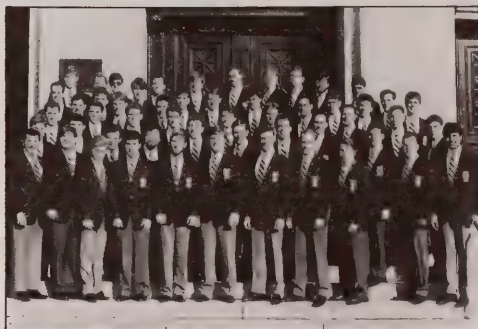
Brown Bag Lunch, lecture, 12-10:11 p.m., Palmer Museum of Art. Robert W. Ott on "Art in Public Places: Art Education Graduate Student Panel Presents Views' Guides for Town and gown Sculptures."

■ Lecture commemorating Bicentenary of French Revolution, 8 p.m., Kern Aud. Robert Darnon, Princeton Univ., on "The Forbidden Best-Sellers of Pre-Revolutionary France."

Friday, October 5

Homecoming Parade, 5:30 p.m., and Candlelight Vigil, 7:30 p.m. Old Main steps.

Geog. Coffee Hour, 4 p.m., 319 Walker. Irene Ferrara, recycling coordinator, on "The Centre County Solid Waste Authority Recycling Program."



Penn State Glee Club will perform during the Homecoming Concert at 7:30 p.m. Oct. 6 in Schwab Auditorium.

Center for the Performing Arts, 8 p.m., Eisenhower Aud. Richard Stoltzman, clarinet, with Irma Vallicello, piano. URTC, 8 p.m., Pavilion Theatre, through Oct. 13. *Crime on Goat Island*.

Saturday, October 6

Shaver's Creek, Nature Guiding Workshop, 10 a.m.-4 p.m. Call 863-2000.

School of Music, 7:30 p.m., Schwab Aud. Penn State Glee Club Homecoming Concert.

Sunday, October 7

Old Main tower open 9 a.m.-3 p.m. Shaver's Creek, Wildlife Hunters, 2-4 p.m. Call 863-2000.

Center for the Performing Arts, 8 p.m., Eisenhower Aud. Hudson Vagabond Puppets.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m. "Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubinstein.

Conferences

Continuing Education

Keller Building

Oct. 1, Polymer Tutorial Workshop, James Runt, associate professor of polymer science, chair; Eric Loop, coordinator.

Oct. 1-3, Penn State Polymer Symposium. James Runt, associate professor of polymer science, chair; Eric Loop, coordinator.

Oct. 2-7a, Bar Institute. Shirley Hendrick, assistant dean for continuing education, Smeal College of Business Administration, chair; Jerri Milson, coordinator.

Oct. 2-5, Fermentation Methods and Scale Up Strategies, Jim Skellern, manager of training, Biotechnology Institute, chair; Eric Loop, coordinator.

Oct. 3-5, Continuing Professional Education. Donna Queeney, director, Division of Planning Studies, chair; Bill Steiner, coordinator.

Oct. 4-5, Conference on Special Education. James Tawney, professor of special education,

chair; Chuck Herd, coordinator.

Oct. 5, State Tax Seminar, Shirley Hendrick, assistant dean for continuing education, Smeal College of Business Administration, chair; Jerri Milson, coordinator.

Seminars

Thursday, September 27

Polymer Science, 9 a.m., 301 Steidle. Greg McKenna, NIST, on "Thermodynamics and Mechanics in Rubber Elasticity."

Physics Colloquium, 3:30 p.m., SS Osmond Lab. John Schwartz, Calif. Institute of Technology, on "Superstrings."

Gerontology Center Colloquia, 4-5 p.m., 100 Mitchell Bldg. Steven H. Zarit on "Changes in Memory in the Oldest Old."

Tuesday, October 2

Chemical Engineering, 2:45 p.m., Paul Robeson Cultural Center Aud. Janos H. Fendler, Syracuse Univ., on "Membrane Mimetic Chemistry."

Graduate Program in Nutrition, 4 p.m., S-209 Henderson Bldg. South. John F. Kavanaugh on "Current FSU Environment for Using Animals in Research."

Condensed Matter Physics, 4 p.m., 339 Davay Lab. Sushil Satija, National Institute of Standards and Technology, on "Neutron Reflection from Thin Films."

Wednesday, October 3

Chemistry Colloquium, 3:30 p.m., SS Osmond Lab. Kurt Walhovik, Eidgenossische Technische Hochschule, Zurich, on "NMR Studies of the Amy Homodomain and Other Proteins in Solution."

Accounting and MIS Research Colloquium, 3:30-5:30 p.m., 333 Beam, Victor Bernard.

Univ. of Michigan, on "Evidence that Stock Prices do not Fully Reflect the Implications of Current Earnings for Future Earnings."

Thursday, October 4

■ Economics/Policy Research, 2:30 p.m., 604 Willard. Robert J. Shiller, Yale, on "Popular Attitudes Towards Free Markets: The Soviet Union and the United States Compared."

Physics Colloquium, 3:30 p.m., SS Osmond Lab. John Collins on "Perturbative QCD."

Gerontology Colloquium, 4 p.m., 100 Mitchell Bldg. Tomasz Letowski on "Identification of Satisfied Hearing Aid Users."

Friday, October 5

Polymer Science, 9 a.m., 301 Steidle Pierre Lutz, Institut Charles Sadron, France, on "Synthesis and Solution Properties of Functional Star-Shaped Polymers."

Exhibits

Chambers Gallery

Chet Davis, paintings, through Oct. 5

HUB Galleries

Browsing Gallery, Art Alley Panels/Cases: ■ Biodiversity: Land and Water Management, Sept. 30-Oct. 27.

SCASD community education program, through Sept. 30.

Formal Gallery:

■ Turkish Carpets: Art and History, Sept. 30-Oct. 27.

Palmer Museum of Art

Selections from the Permanent Collection, through Oct. 7.

The Presence of Absence: New Installations, through Oct. 14.

■ The Machines of Leonardo da Vinci, through Nov. 4

Pattee Library

Rare Books Room:

■ Thomas Hardy, 1840-1928: a 150th anniversary exhibit, featuring photographs by Leslie Greenhall, through Oct. 12.

Zoiler Gallery

Shashnessy/Greenberg Installations, through Sept. 30.

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories.

Other messages are listed in the front of the telephone directories. Other messages are Weather-234, Arts Line-345: University Calendar-456.

■ Reflects an international perspective

Bookshelf

Richard L. Barton, associate professor of communications, is the author of *Ties That Bind in Canadian-American Relations*, published this summer by Lawrence Erlbaum Associates.

Dr. Barton, a past president of the Mid-Atlantic Conference of Canadian Studies, writes that the U.S. media do not treat

Canada as a serious player in world events. He calls this a major disservice to the American public and suggests methods for remedying the situation.

He also examines U.S. and foreign news coverage of Canadian-American affairs during much of the 1980s and critiques existing mass communications-foreign policy research.

Sexual harassment considered very serious offense

Sexual harassment -- persistent, annoying behavior based on gender -- is against University policy, as well as illegal, **Betty L. Moore** said.

"Whether subtle or overt, sexual harassment is unwarranted behavior. At its worst, this form of discrimination can result in the victim's changing career goals, dropping courses or a major, taking a job elsewhere or leaving school," Dr. Moore, assistant director of the Campus Life Assistance Center, Student Services, added.

Sexual harassment is characterized by inappropriate behaviors, such as touching or using physical force, telling crude jokes or making derogatory comments about a person or group, stereotyping people, asking for dates or demanding sex.

"The impact of sexual harassment can be devastating to the victim, as well as costly to an institution," Dr. Moore said. For example, the Federal Merit System Protection Board estimated that between 1978 and 1980 sexual harassment cost the government \$189 million in lost productivity, replacement and retraining costs, sick leave and court settlements.

"For these reasons alone, it is in an institution's best interests to ensure an environment free from sexual harassment," she said.

Since 1985, the University has had a policy prohibiting sexual harassment.

Carmen B. Borges, affirmative action specialist in the Affirmative Action Office, said, "Sexual harassment is considered a very serious offense by the University. We encourage faculty members, students and staff members who feel that they are experiencing sexual harassment to come forward."

The Affirmative Action Office investigates complaints of discrimination, including sexual harassment, and

These articles are the first in a series on the classroom and out-of-classroom environment at the University.

makes recommendations for remedies, she added.

Harassment does occur at the University, as shown in two studies conducted by a University sociologist in 1983 and 1985. The surveys found that 20 percent of the women undergraduate and graduate students surveyed and 31 percent of the women clerical workers interviewed had experienced sexual harassment.

Dr. Moore's contacts with students who have questions or complaints involving sexual harassment are increasing. In 1988-89, she had 196 contacts dealing with sexual harassment, compared to 291 in 1989-90. Such contacts include appointments with students, requests for information, program presentations and meetings.

Nationally, 96 percent of all victims of sexual harassment are female. Surveys report that few victims report the harassment.

"Power is often a key factor in situations involving sexual harassment. The harasser usually is in a position of higher status than the victim," Dr. Moore said, "although sexual harassment does occur between peers or colleagues, too.

This is true even in situations involving people in

the same age bracket, such as graduate students teaching undergraduates or postdoctoral students working with faculty members. In these cases, status is still a determining factor."

She noted that there have been instances where TAs have asked their students for dates, resulting in students dropping the course to avoid dealing with the situation.

People who encounter sexual harassment should document what is happening to them, being specific about the date, time, nature of the incident, witnesses, etc., so that it can be determined if a pattern of sexual harassment is taking place, Dr. Moore added.

It is effective to communicate to the perpetrator of the offending behavior that the behavior is not acceptable and that it must stop, she said. This can be done by talking to the harasser, by writing a letter to the offender or by talking to that person's supervisor.

She suggested that everyone keep in mind the potential for sexual harassment when work relationships develop into personal relationships, when faculty/student or supervisor/employee relationships become personal, and when sexist comments or behavior are exhibited in classroom or work settings.

"We all need to be aware of how others may be responding to our power, whether we are consciously using it or not," Dr. Moore said.

Assistance is available for those with questions or concerns about sexual harassment through the Affirmative Action Office, 201 Willard Building, University Park, 863-0471, and through the sexual harassment contact person in each unit, Ms. Borges said. Student concerns can be brought to the attention of Dr. Moore in Campus Life, 135 Bouck Building, University Park, 863-1809.

Inappropriate remarks can lead to 'chilly climate'

In a classroom where a faculty member tells a joke poking fun at ethnic group or calls on only male students, ignoring female students wanting to participate in discussions, a "chilly" climate is created for women, minorities and underrepresented groups.

The term "chilly climate" refers to actions, remarks and behaviors which impact negatively and unfairly on individuals or groups in the classroom or the University community. **Carol E. Chamberlain**, associate librarian and chief, Acquisitions Department, University Libraries, explains.

These incidents may occur in a classroom, workplace, residence hall or apartment, in advisers' offices and

during extracurricular activities, she said. Because such behaviors and incidents impede personal, academic and professional development, they are unwelcome in a university environment.

Ms. Chamberlain chairs the Senate's Coalition on Campus and Classroom Climate. The 14-member group is looking at classroom climate issues at the University in order to recommend changes to improve the environment Universitywide.

The coalition is comprised of members of the Senate committees on Faculty Affairs, Student Life and Undergraduate Instruction, as well as other University organizations, including the Commission for Women and the Commission on Racial and Ethnic Diversity. Established last March, the coalition recently submitted a progress report to the Senate outlining the steps it has taken and its plans for Fall Semester, Ms. Chamberlain said.

"The coalition is an outgrowth of a group within the Senate Committee on Student Life, which was studying classroom climate issues," she noted. "The Student Life representatives felt that the issues required broader-based input. The result was the creation of the coalition."

The coalition was asked to: identify the nature and extent of behaviors, actions and attitudes which cause and further the chilly climate within the classroom and overall University community; to determine strategies for change designed to alleviate the negative behaviors and improve the multi-climates; and to make

recommendations for implementing their strategies, including identifying specific offices or groups to assume responsibility for implementation.

"With its faculty perspective, the coalition provides the opportunity to bring together individuals and groups who are involved in campus environment issues, to share ideas and to develop recommendations for improving the climate in the classroom and throughout the University community," Ms. Chamberlain said.

The coalition's focus is on the attitudes and behaviors of faculty members, advisers, administrators, supervisors, staff members and students.

"Where there are successful programs in place, we want to recognize and promote those programs. There are many groups actively pursuing issues related to chilly climate," she said.

Currently, the coalition is gathering data from other institutions and formulating strategies to improve systems in place, as well as preparing recommendations for new initiatives to improve the climate in and out of the classroom, she added.

The coalition plans to submit its final report to Senate officers in December. Its recommendations will be acted upon by the full Senate.

Members of the coalition, in addition to Ms. Chamberlain, are: **Sabrina Chapman, Harold Cheatham, Victor Dupuis, Gary Fossite, David Gold, Lynne Goodstein, Valeria Harvell, Shirley Hendrick, Alfredo Jimenez, Robert Loeb, Christiane Makward, Betty Moore and Linda Shoop.**

Information sought

The Coalition on Campus and Classroom Climate is seeking information, studies and data on the campus and classroom environment at the University.

Members would like to talk with anyone involved in related research. The coalition is considering the feasibility of conducting a Universitywide survey on campus and classroom environment. Contact Carol Chamberlain at 865-1858 or any other member of the coalition.

Appointments

Gregory M. Grieco has been named photojournalist in the Department of Public Information.

Prior to his appointment, he was the commercial printing manager for the *Centre Daily Times*, and from 1982 to 1986, he was employed in the production department.

He holds a B.S. degree in graphic arts and photography from the Rochester Institute of Technology.

Melissande McCrae has been appointed electronic media specialist in the Department of Public Information.

In her new capacity, she will assist the manager of electronic communications in re-establishing Penn State's outreach programs to major city talk and news radio stations around the country.

She also will devote much of her time to help promote the research accomplishments of minority faculty through radio and television outlets.

For the past two years, Ms. McCrae served as project manager for the United Negro College Fund, where she coordinated the Philadelphia Lou Rawls Parade of Stars telethon which experienced its most successful telethon ever last year.

Previously, she was the senior producer for WDTV-AM, an all-talk station in Philadelphia.

She is a 1984 graduate of Temple University's School of Communications.

Louise E. Sandmeyer has been appointed manager of human resources development in the Office of Human Resources.

From 1986 to 1990, she was a consultant, counselor and trainer with Career Counseling, Consultation and Assessment Associates of State College.

She earned a bachelor of arts degree in English from Penn State in 1967 and a master of arts in student personnel administration from the University of



Melissande McCrae

Denver in 1969.

Her previous work experiences include serving as an instructor in counselor education at Western Maryland College in 1985-86 and as a counselor at the University of Utah in 1984-85. From 1974 to 1984, she was assistant director for career counseling and planning at Penn State.

Ms. Sandmeyer also was a counselor at the University of Alabama from 1971 to 1974 and head resident counselor at Jacksonville University from 1969 to 1971. Since 1986, she has been an instructor in the Women's Studies Program at the University. She is the co-author of the book *Skills in Life/Career Planning*, with K. Bartsch, published in 1979.

Jack H. Willenbrock has been named the first holder of the Bernard and Henrietta Hankin Chair in Residential Building Construction in the College of Engineering.



Louise E. Sandmeyer

A 1989 gift and commitment from the Hankins raised the Hankin professorship, endowed in 1984, to an endowed chair. The Hankin chair is designated for distinguished faculty members and supports instruction, research and public service activities in residential construction technology.

Dr. Willenbrock is the director of the National Association of Home Builders Housing Research Center (NAHB/NRC) Designated Housing Research Center at Penn State. Prior to this appointment, he was the Bernard Hankin Professor of Residential Building Construction.

A member of the Penn State faculty since 1968, Dr. Willenbrock directs the College's construction engineering and management programs. His areas of academic and research expertise include construction project control systems, residential building design and construction analysis, computer applications in



Jack H. Willenbrock

construction and construction engineering and management.

Dr. Willenbrock received the NAHB Home Builder Institute 1987 Outstanding University Associate Award; the 1984 Penn State Engineering Society Outstanding Teaching Award; and the 1983 Transportation Research Board K.B. Woods Award for transportation research.

Active in professional societies and activities, he is chairman of the board of directors of the NAHB/NRC Consortium of University Based Housing Research Centers and on the boards of the Research Foundation of the National Association of Home Builders and the Pennsylvania Advanced Technology Housing Consortium.

Dr. Willenbrock received his Ph.D. from Penn State in civil engineering. He received his master's from Lehigh University in 1962 and his bachelor's from The Cooper Union in 1960.

Penn Staters

Soundar R. Kumara, assistant professor of industrial engineering, served as visiting associate professor at the Research Center for Advanced Science and Technology at the University of Tokyo.

Stephen J. Benkovic, Evan Pugh professor of chemistry and holder of the Eberly Chair in Chemistry, has received the Bicentennial Scientific Achievement Award and Lectureship from the City College of the City University of New York. The achievements for which he was recognized include a landmark paper published in the December 1989 issue of *Science*.

Edwin L. Herr, distinguished professor of education and head, Department of Counselor Education, Counseling Psychology, and Rehabilitation Services

Education, was one of four invited theme speakers at the 14th World Congress of the International Association of Educational and Vocational Guidance in Montreal, Canada. He presented the keynote speech titled "Counseling for Personal Flexibility in a Global Economy."

Carlo G. Pantano, professor of materials science and engineering, presented an invited talk, "Chemical and Compositional Analyses of Glass Surfaces," at the Union Scientifique Continental du Verre in Fontainebleau, France.

Edward V. Williams, associate dean for research and graduate studies in the College of Arts and Architecture, has been appointed to a three-year term on the committee at the Institute of

International Education that will review applications of graduate students for study in Eastern Europe.

Donald J. Willower, distinguished professor of education, conducted a seminar on "Trends in Theory and Research on Educational Administration" for faculty and graduate students at the University of Ottawa, Ottawa, Canada.

Faisal Abbas, assistant professor of electrical engineering, Penn State Erie, The Behrend College, gave a paper on "Data Acquisition, Measurements and Control" to the International Society for Mini and Microcomputers in Montreal, Canada.

Allan Brawley, professor of social work and director of the social work program,

and **Emilia E. Martinez-Brawley**, professor of social work and director of the rural social services project, presented a paper on "The Contribution of Social Work to Integrated Rural Development" at the Biennial World Congress of the International Federation of Social Workers in Buenos Aires, Argentina.

Manfred Kroger, professor of food science, has been appointed a member of the board of trustees for the Drinking Water Research Foundation (DWRF).

Robert Lima, professor of Spanish and comparative literature and Fellow, Institute for the Arts and Humanistic Studies, presented an invited paper at the 12th Mediterranean Conference in Athens, Greece.

Progress made on staff position evaluation program

Considerable progress was made during the summer months on the University's Staff Position Evaluation and Compensation (SPEC) program.

From April through August, the project team worked with consultants from William M. Mercer Inc. to design the job evaluation plan and position information questionnaire (PIQ) that will be cornerstones of the new SPEC program. At its completion, the SPEC program will provide an integrated salary system for regular University employees currently classified as staff exempt, staff nonexempt and clerical.

Customized design

Completion of the PIQ's design marks the end of Phase One of the project's anticipated four phases. A primary objective of the University in the SPEC program is to design an evaluation method or plan that will effectively measure jobs in the complex Penn State organization. Rather than purchase a standard evaluation tool, the project team—comprised of members of the Office of Human Resources, the Classification/Evaluation System Review Committee (CESRC) and the Mercer consultants—has developed a customized evaluation plan to fit the University's unique needs and culture.

Complex design process

Design of the PIQ involved a number of specific activities.

First, the team studied the written ideas and suggestions concerning job evaluation submitted earlier this year from

staff and clerical employees. The staff and clerical comments focused the project team so it could define what to measure with the PIQ. This information helped to shape the evaluation factors that will be part of the job evaluation plan, and many of the written suggestions were incorporated into the PIQ.

Joan Lampman, College of Engineering, summarized the project team's reaction to the PIQ design process: "How we value jobs at Penn State is important to all of us. We can be sure that the new program is truly about our University's environment. It was challenging work, but I was glad to have the opportunity to participate in the process."

Initially, Mercer consultants provided instruction and information to the project team on the aspects and elements of jobs that generally give those jobs value.

"The collaborative effort between the committee and the Mercer consultants has created a plan that is sensitive to the uniqueness of all Penn State's locations and missions," John Luchini, project team member from the Penn State DuBois Campus, said.

The project team also reviewed the evaluation factors used at other colleges and universities and explored several nontraditional and innovative factors. Definitions of the selected evaluation factors and the varying degrees within each factor were discussed in detail and each was described in a number of different ways. Mercer consultant Charles F. Schanie directed the PIQ design process. Dr. Schanie observed that "input from employees and assistance from

the committee were critical in identifying the job evaluation factors that will work the best for the University."

The language of the PIQ also was tested to ensure that it was understandable. In all, six drafts of the PIQ were analyzed and discussed.

Kathy McCartney, College of Agriculture, said, "Designing a program from the ground up certainly gives you a good idea of how job evaluation works. I didn't realize how involved it was."

A document now has emerged that provides the University with an evaluation tool that will meet current and future needs.

Participation beyond the project team

The results of the project team's work have been reviewed by various personnel representatives, directors of business services and a number of random employees to ensure that PIQ is broadly applicable throughout the University. It also has been reviewed with key senior management groups, including members of the Council of Academic Deans and the President's Administrative Policy Council.

This week, a pilot test of the PIQ is being administered to about 200 employees. The results will provide important staff feedback as final revisions are made to the questionnaire and the administration process. It is anticipated that the PIQ will be administered to all affected University personnel in early November 1990.

Promotions

Staff Exempt

Joyce D. Bates to foreman at Hershey.
Delbert E. Boarts to sound technologist supervisor in Arts and Architecture.
Nancy M. Brown to research magazine editor in Research and Graduate School.
Anthony P. Decrappeo to associate director for grants administration in Research and Graduate School.
Anthony C. Domin to assistant university auditor in Controller's Office.
Toni Jo Duchi to coordinator, public relations and alumni activities in Education.
Gregory L. Fredericks to system program coordinator in Applied Research Lab.

Marilyn Fronheiser to educational assistant in Engineering.
Phil D. Hawkins to senior applications programmer/analyst in Purchasing Services.
Mary Jane Hovanec to associate research engineer in Applied Research Lab.
Montez King to costume supervisor in Arts and Architecture.
Linda E. Meashey to coordinator, academic development programs at Capital College.
William H. Meyer to assistant manager, administrative support services in Office of Business Services.
Diane L. Resides to counselor in Student Services.
Terrence L. Riley to assistant director of Continuing Education at York Campus.
Anna F. Tilberg to research support assistant at Hershey.
Maureen C. Volz to assistant manager,

food service in Housing and Food Services.
Delores Vonada to coordinator of student services in School of Communications.
Larry J. Watson to supervisor, physical facilities in Applied Research Lab.
Sandra K. Whisler to junior research technician at Hershey.
Thomas E. Wolfe to audit manager, computer systems in Controller's Office.
Harry M. Zimble to production general manager, theater in Arts and Architecture.

Staff Non-Exempt

Mary A. Aceti to pharmacy office coordinator at Hershey.
Lynne D. Curran to senior research technician at Hershey.
Richard E. Mauser to senior drafter, electromechanical in Applied Research Lab.

Obituaries

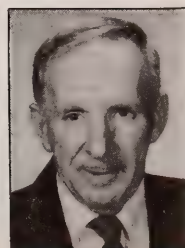
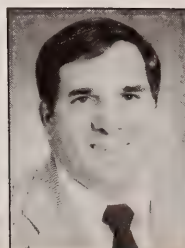
Dorothy B. Rote, counter attendant, Housing and Food Services, from Feb. 1, 1950, until May 4, 1974, died Sept. 8. She was 89.

Betsy H. Kepler, secretary in the former Office of Budget and Planning, from Dec. 1, 1965, until her retirement June 30, 1981, died Sept. 16. She was 71.

Carpooler

Joyce would like to share a ride from Loganston to University Park. Her work hours are 8 a.m. to 5 p.m. Call 863-1977 or (717) 725-3838 (after 6:15 p.m.)

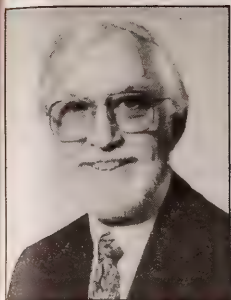
25-year award recipients



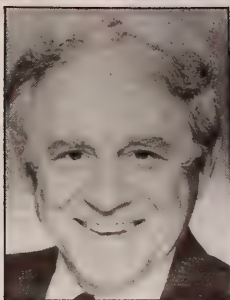
Observing 25 years of service at the University are, from left, Jacob B. Baumann, associate professor of chemistry at the Penn State Schuylkill campus; Wayne L. DeWiler, assistant professor of vocational education, and Robert F. Neuhard, coordinator, Office of Clinical Experiences, both in the College of Education; Mahlon E. Felzer, agronomy

technician, College of Agriculture; Duane W. Stiner, animal caretaker A, Laboratory Animal Resources Program, Senior Vice President for Research and Dean of the Graduate School.

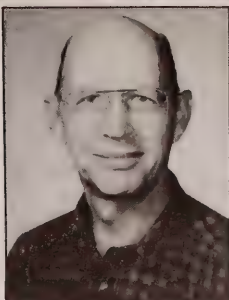
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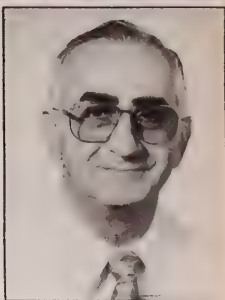
James Deeslie



Charles Dzubinski



David W. Stickell



Norman E. Weber

Helen Bublinc, laboratory attendant at the Dairy Breeding Research Center, has retired after 25 years service.

Ms. Bublinc joined the University staff in 1965 as a janitorial worker in the College of Human Development, where she worked for 14 years before moving to the position of mail courier with Business Services. She joined the Dairy Breeding Research Center in the College of Agriculture in 1980.

She says one of the biggest changes she witnessed over the years was the growth of the campus. She also was excited by the technological advances she saw in the lab.

Her duties at the center included evaluating bull semen, cleaning and sterilizing research materials, preparing solutions and organizing routine procedures in the lab. She assisted in many of the research projects at the center.

Ms. Bublinc lives in Bellefonte along Spring Creek. She has three children and four grandchildren. During her spare time she enjoys traveling and community activities. She currently is secretary of the Ladies Auxiliary of the American Legion in Pleasant Gap and a member of the Logan Grange.

James Deeslie, senior landscape architect for the Planning and Design Division of the Office of Physical Plant, has retired after 20 years service.

Mr. Deeslie was responsible for the landscape architectural planning of the University Park and Commonwealth Campus planting plans, roads and walkways, tennis courts, parking lots, bus stop areas and courtyards as well as for reviewing landscape/architectural plans by other professionals.

In addition to supervising staff and scheduling projects, he developed and supervised the annual campus flower and tree programs.

After graduating from Penn State in 1948 with a bachelor's degree in liberal arts, Mr. Deeslie returned at the age of 40 for a second degree in landscape architecture, which he received in 1968.

A community activist, he was involved in planning local parks and was co-designer of Spring Creek Park in Houserville. He currently is president of the Highlands Civic Association of residents who live between Beaver Avenue and Easterly Parkway and has represented the association on the recent neighborhood and downtown studies.

Mr. Deeslie plans to enjoy his retirement. "It's kind of like graduating," he says.

Charles Dzubinski, assistant professor of anatomy at the Penn State Ogonitz Campus, has retired after 31 years of service. He joined the Penn State faculty in 1959 as an anatomy instructor at Behrend and transferred to Ogonitz in 1967.

Mr. Dzubinski will now pursue his hobby, acting, on a full-time basis. A member of several acting unions, he has appeared in various films and television programs under the name of Charles Technam. He also has performed on stage in both Philadelphia and New York.

A 1956 graduate of Duquesne University with a bachelor's degree in biology, Mr. Dzubinski earned a master's degree from the University of Notre Dame in 1958.

David W. Stickell, research associate in Academic Services, has retired after 25 years service.

Mr. Stickell began working at the University in 1965 as supervisor of Exam Services. In 1979, he became head of University Testing Services, where his primary duties were administrative and

working on a computer program to generate tests and course evaluations.

He also worked with faculty members to help them improve their tests.

Mr. Stickell plans to keep busy during retirement. He will continue his volunteer work at the State Correctional Institute at Rockview and is teaching a class for DUI convicts on Oru Drugs Inc. His travel plans include a trip to Tampa, Fla., to visit his daughter, Ellen.

Norman E. Weber, supervisor of bakery production for Housing and Food Services, has retired after 31 years service.

Mr. Weber began working at the University in 1958 as a utility baker, then moved to the position of pastry mixer before his promotion to supervisor of all bakery productions in 1964.

He enjoyed his profession, especially the feeling of getting things done.

A resident of Pleasant Gap, he is planning a quiet and relaxing retirement.

Barry L. Myers, associate professor of Business Law, Business Administration, from July 1, 1972, until July 1

Jamie K. Zurasky, staff nurse at Hershey, from June 5, 1978, until Aug. 6,

Focus on the arts

STS speaker

Raimundo Panikkar of Barcelona, Spain, regarded by many as the world's leading scholar of interreligious relationships, will speak at University Park Oct. 7 and 8 under the auspices of the Science, Technology and Society Program.

Dr. Panikkar will speak on "The Dream of a Universal Theology," discussing his pioneering thinking on radical pluralist theology, at 7:30 p.m. Sunday, Oct. 7, in the Living Center of Henderson Human Development Building.

At noon Monday, Oct. 8, in Room 12 Sparks Building, Women's Studies Lounge, he will speak on "The Conflict of

Kosmologies," on how technology is changing all religious worldviews.

The 71-year-old ecumenist, now emeritus from the universities of California, Harvard, and Barcelona, has three earned doctorates in chemistry, philosophy and theology. He is conversant in 11 languages; he types in six. He has published 28 books, including *The Unknown Christ of Hinduism*, *The Inextricable Dialogue*, *The Vedic Experience*, *Worship and Secular Man*, *The Trinity and World Religions*. His most comprehensive book is *Myth, Faith and Hermeneutics*.

French literature

Robert Darnton, professor of history,

Princeton University, will lecture on "The Forbidden Best-Sellers of Pre-Revolutionary France" at 8 p.m. Thursday, Oct. 8, in 112 Kern at University Park.

He also will visit with faculty members and graduate students studying French history and Enlightenment studies.

A graduate of Harvard College and Oxford University, he is the author of the books *Motestrom and the End of Enlightenment*, *The Bureaucracy of the Enlightenment*, *The Publication History of the Encyclopédie*, *The Library Underground*, *Authors, Publishers and Book-sellers in the Old Regime* and *The Great Cat Mowat*.

His visit is sponsored by the departments of French and History, the Office of the Provost and the Core College Committee Commemorating the Bicentenary of the French Revolution.

Nutcracker auditions

On Oct. 10, the Center for the Performing Arts is holding open auditions for "The Nutcracker." Children chosen will dance with the Pittsburgh Ballet Theatre when the company performs on Dec. 7 and 8 at Eisenhower Auditorium at University Park.

Because various roles require children of specific heights, the initial Oct. 10 auditions are scheduled accordingly: auditions for children 4 feet to 4 feet 11 inches tall are from 5 to 9:30 p.m., with registration at 4:30 p.m.; auditions for children 5 feet to 5 feet 5 inches tall are from 9 to 10 p.m., with registration at 8:30 p.m.

For additional information, contact the Center for the Performing Arts at 863-0388 or your local dance school.

Senate to continue focus on undergraduate education

The quality of undergraduate education will continue to be a major focus of the 1990-91 University Faculty Senate, according to its chairperson, **Peter Deines**.

"This has been a long-standing concern of the University Faculty Senate and of mine for the last six years," Dr. Deines, professor of geochemistry in the Department of Geosciences, said.

"I became involved with the issue through my participation in the formulation of the general education component of the curriculum and its implementation. The Senate will continue to work on improving the quality of undergraduate education in the coming year."

Among the education issues the Senate will deal with are implementation of the cultural diversity requirement and writing-across-the-curriculum. The Senate also will look at the quality of instruction in general education courses.

In addition, a newly created Task Force on Undergraduate Education will examine the University's general education program and outline what it should include for the 1990s and beyond, Dr. Deines said. Jointly appointed by the Senate and the Office of the Vice Provost and Dean for Undergraduate Education, the task force will make its final report in the spring.

Two other special committees currently are at work on undergraduate education issues, he noted. They are the Task Force on Adult Student Life and Learning and



Peter Deines

the Coalition on Campus and Classroom Climate. Another major focus of the 1990-91 Senate will be establishing a constructive relationship with President Thomas.

"The administration has traditionally sought out and

listened to the ideas of members of the Senate. We want to make sure that we continue the very positive and productive relationship that we have enjoyed with the administration," Dr. Deines said.

"I hope that President Thomas will use the Senate and Senate Council as forums to express his concerns and ask our advice."

Among the faculty concerns that the Senate will address are improvements to the climate for faculty development and the upgrading of teaching. Senate committees will explore recommendations made last year by the Task Force on Faculty Development.

"We need to update our classroom facilities to meet the changing demands on these facilities as we move toward the use of more computers in the instructional setting," he said. "Our research facilities also need to be updated and renovated."

In the area of external relations, the Senate needs to look at how the University communicates to Pennsylvania residents about the challenges higher education faces and the opportunities it provides, Dr. Deines said.

"The way in which higher education is offered in Pennsylvania will continue to change in the future. We must provide the state legislators and the public with a better understanding of the changing opportunities, challenges and difficulties of higher education."

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. **APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304).** Applications for these staff vacancies will be accepted until Oct. 4. **DO NOT CONTACT THE AREA THAT HAS THE VACANCY.** Applications for staff vacancies are considered in accordance with Fair Employment practices (FE-1) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

***0094, Administrative Aide, Office of the President, Office of International**

Programs, University Park Campus - Responsible to the director of the Office of Education Abroad Programs (EAP) for general administrative support to include assistance in resolving student problems, enrollment and course scheduling activities, program budgeting, internal accounting/auditing, and coordination with all University offices involved in providing administrative support for EAP. Requires associate degree, or equivalent, plus one to two years of effective administrative experience. **STAFF GRADE 4.**

***0095, Systems Programmer/Coordinator, Applied Research Laboratory, University Park Campus** - Responsible for assisting the coordinator, Management Information Systems, in developing and installing a comprehensive administrative system. Requires bachelor's degree, or equivalent, in management information systems, computer science or related field, plus

one to two years of effective experience in database applications. A working knowledge of ORACLE, SQL, Visi hardware and VMS-based systems is preferred. U.S. citizenship required. **STAFF GRADE 6.**

***0096, Library Specialist, Applied Research Laboratory, University Park Campus** - Responsible to the supervisor, Library Services, for general operation of the ARL Library and for the circulation, reference and bibliographic functions involved in its operations. Requires high school graduate with two years of college, or equivalent, plus two to three years of effective experience. Experience with personal computers required. U.S. citizenship required. **STAFF GRADE 5.**

***0097, Nursing Education Instructor, University Hospital, Nursing Education, The Milton S. Hensley Medical Center** - Responsible to the clinical nurse educator for the general

orientation, instruction, and educational programs for the Department of Nursing for all levels of nursing personnel. Requires a bachelor's degree in nursing plus one to two years of effective clinical experience; and current licensure by Pennsylvania State Board of Nursing. Previous operating room experience necessary. Operating room certification desired. **STAFF GRADE 6.**

***0098, Senior Information Specialist, Institute of State and Regional Affairs, Penn State Harrisburg** - Responsible to the coordinator for performing a variety of activities including computer programming, statistical analysis, report writing and client training. Requires bachelor's degree, or equivalent, plus one to two years of effective experience. Master's degree in public administration or a related field preferred. Experience in microcomputer application and graphics programs (e.g., ATLAS/Graphics, Dbase), mainframe programming languages (i.e.,

FORTRAN, CENSAPAC), and statistical software packages (i.e., SAS, SPSS) required. **THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991, WITH A GOOD POSSIBILITY OF RE-FUNDING. STAFF GRADE 5.**

***0099, Information Specialist, Institute of State and Regional Affairs, Penn State Harrisburg** - Responsible to the coordinator for performing a variety of activities, including technical assistance, data base management and collection, statistical analysis, and report writing. Requires high school degree, or equivalent, plus two to four years of effective experience. Experience in microcomputer applications is highly desirable. **THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991, WITH A GOOD POSSIBILITY OF RE-FUNDING. STAFF GRADE 4.**

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William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

September 27, 1990
Vol. 20, No. 6

ALUMNI FELLOWS

Four Alumni Fellows will visit with students, faculty and staff members Oct. 2 to 6. See the story on page 3.

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INTERCOM

October 4, 1990

Volume 20, Number 7

Advance gifts program launches United Way campaign

More than 300 University officials will launch the University Park United Way campaign with advance gifts contributions.

Anne C. Petersen, University Park United Way chairperson and dean of the College of Health and Human Development, said: "The advance gifts program for United Way, now in its 10th year, provides an opportunity for administrative and academic leaders at the University to learn more about the role United Way plays in Penn Staters' lives, agency functions, and the key role of the University Park campaign in the success of the county United Way campaign. Seeking understanding and commitment from

administrators lends credibility and impetus to the United Way program throughout the



It brings out the best in all of us.™

system."

The advance giving campaign includes

administrators from President Thomas to department heads. The personal solicitation campaign for the nearly 10,000 University Park employees is scheduled for Oct. 29 through Nov. 2.

The University Park campaign, which last year raised a record \$190,540, has as its goal this year \$189,750—a 15-percent increase over the 1989 goal. This coincides with the goal increase for the county, which also averages 15 percent. Traditionally, University Park employees contribute more than one-fourth of the county's United Way funds. The University is the county's largest employer.

Center gets contract for graduate studies in transportation

The U.S. Department of Transportation has awarded a \$1 million contract to the Mid-Atlantic Universities Transportation Center (MAUTC), based in the Penn State Pennsylvania Transportation Institute.

The grant will fund the Institute for Advanced Studies in Transportation Engineering and Management (TeaM) in the PTL, according to James Miller, MAUTC director.

MAUTC, which encompasses a five-state region, is one of 10 transportation centers

in the United States established to conduct long-term, applied transportation research and to train transportation professionals. Penn State is the lead university in the six-university MAUTC consortium.

The TeaM Institute program offers a blended graduate curriculum in transportation engineering and management. The program is a unique combination, encompassing the management of traffic, infrastructure and transportation organizations, according to

John Mason, director of TeaM and associate professor of civil engineering.

"What we are doing is offering students state-of-the-art engineering expertise and skills in business management practices. Transportation has become a highly technical field, faced with a failing infrastructure, capacity constraints and fiscal problems. It is important that students can function at the juncture of technology and resource management," he said.

Three Engineering graduates will visit as Alumni Fellows

Three College of Engineering graduates will visit University Park Oct. 10 to 14 to receive Alumni Fellow awards.

They are **Russell E. Horn**, chairman of the board, PACE Resources Inc.; **William L. Keefe**, corporate vice president-law and vice president and general counsel, AT&T Bell Laboratories (retired); and **Charles L. Miller**, executive vice president, occupant restraint systems, TRW Inc.

They are among 18 prominent graduates named Alumni Fellows this fall. The Alumni Fellow Award, presented by the Penn State Alumni Association, is given to outstanding alumni and carries a lifelong title. It is administered in cooperation with the colleges.

Mr. Horn, a 1933 civil engineering graduate, has devoted his professional life to architectural and engineering design. He began as a foreman for the Pennsylvania Department of Highways in York, Pa., then worked as a supervisor and designer in the C.S. Buchart architectural firm prior to World War II. An ROTC graduate, he

served in the U.S. Army Corps of Engineers, continuing in the reserves and retiring as a colonel in 1963.

In 1945, he was named executive vice president and chief engineer of Buchart Engineering Inc. He became president in 1959, and in 1961 helped establish Buchart-Horn Inc., an engineering consulting firm. There, he served as president and chief engineer, later becoming chairman of the board.

Mr. Horn formed PACE Resources Inc. in 1970 to consolidate his businesses. PACE Resources' architectural subsidiary, BASCO Associates, designed the Military, Air and Naval Sciences Building at University Park and a multipurpose classroom building at the Penn State York Campus. In 1987, he was named a Penn State Outstanding Engineering Alumnus.

Mr. Keefe, a 1948 electrical engineering graduate, interrupted his college career to serve in the Army Air Corps, returning to Penn State in 1946 to

Please see "Alumni" on page 3.



Presidential visit

President Thomas met with DuBois Campus faculty, staff and students on Thursday, Sept. 27, while on campus for the formal dedication of the Mary Smel Building.

Focus on Diversity

WPSX-TV presents 'Spike and Co.'

"Spike and Co.: Do It A Cappella," hosted by filmmaker Spike Lee and actress Debbie Allen, raises the curtain on *Great Performances'* 18th season on Channel 3 at 9 p.m. Friday, Oct. 5.

Featuring such superstars of unaccompanied close harmony as Grammy-winners Take 6 and Ladysmith Black Mambazo, east London's all-girl The Mint Joleps, the godfathers of a cappella the Persuations, and newcomers Rockapella and True Image, the show was filmed in Brooklyn, Mr. Lee's home turf, and climaxes at a rousing concert on stage at the Brooklyn Academy of Music's Majestic Theater.

"There are plenty of prominent artists out there—but there are also many talented people who we never hear about who should get exposure. That's why we're doing this show," says Mr. Lee, who along with Ms. Allen, opens the program searching back alleys, basements and hallways for "the perfect a cappella echo."



Debbie Allen and Spike Lee host an all a cappella special airing on 'Great Performances' at 9 p.m. Oct. 5 on WPSX-TV.

Office will conduct student workshops

The Office of International Students will conduct a workshop for academic department personnel involved with the admission and maintenance of international students. The workshop will be offered three times: 2 p.m. Wednesday, Oct. 24, and 10 a.m. and 2 p.m. Thursday, Oct. 25. All workshops will be in Room 305 Hetzel Union Building, University Park, and will last about two hours.

The workshop will focus on major issues concerning international students. It is designed for those who do the day-to-day work of admission, as well as for graduate admissions officers, department heads and others involved with international students.

Topics to be discussed include timing of offers of admission, new practical training regulations, new University health insurance policy, international students in crisis, academic progress standards and policies relating to employment.

Diversity Calendar

Tuesday, Oct. 9

Men of Color of Central Pennsylvania, noon, Nittany Lion Inn porch. Monthly luncheon meeting. For more information, call 863-7517.

Wednesday, Oct. 10

Jewish holiday Shemini Atzeret begins at sundown and ends at sundown Oct. 11.

Groove Phi Groove, 7 p.m., Paul Robeson Cultural Center. Film: "The Resurrection."

Thursday, Oct. 11

Women's Studies, 8 p.m., HUB Gallery. Deborah Gray White, Rutgers University,

on "The Cost of Club Work, The Price of Black Feminism."

Jewish holiday Simchat Torah begins at sundown and ends at sundown Oct. 12.

Campus Life Assistance Center, 7 p.m., HUB Assembly Room. Discussion: "Let's Talk: Disabilities and Penn State," and film: "My Left Foot."

Throughout October

Hindu and Jain Good over Evil holidays (exact dates dependent on lunar calendar).

October through November

Hindu and Jain Festival of Lights holidays (exact dates dependent on lunar calendar).

Black feminism

A discussion on Black feminism is scheduled at 8 p.m. Thursday, Oct. 11, in the HUB Gallery at University Park.

Deborah Gray White, associate professor of history at Rutgers University, will present "The Cost of Club Work, The Price of Black Feminism."

The program is part of the Six Feminist Scholars Lecture Series and co-sponsored by the Women's Studies Program, the Center for Women Students and other University units.

For more information, call the Women's Studies Program at 863-4025.

Proposal request made by committee

The Equal Opportunity Planning Committee has issued a request for proposals for 1991-92. Copies of the guidelines for proposals are available in 405 Old Main. Inquiries should be directed to Minora Sharpe or Lynn Ryan at 863-0405. The proposals must be submitted by Nov. 12 for summer programs and Dec. 12 for academic year programs.

Private Giving to Penn State

IBM funds microelectronics research

IBM Corp. has given \$248,000 to the College of Engineering to further microelectronics research.

The grant includes an IBM RISC System/6000 computer valued at \$148,000, and an additional \$100,000 for equipment for an undergraduate cleanroom facility in the Center for Electronic Materials and Processing. The cleanroom facility is part of a multi-million dollar engineering renovation project.

"We're delighted to have such substantial support from IBM for our undergraduate and research efforts," John A. Brighton, dean of engineering, said. "As a major supplier of the nation's engineers, our college must give our graduates hands-on, state-of-the-art experience in microelectronics, and IBM's participation

helps us to continue providing it."

The new IBM computer will control access to cleanrooms and facilities as well as monitor cleanroom equipment.

Cleanrooms, which filter air to 10,000 times cleaner than the normal atmosphere, are used for microelectronic experimentation. The filtered environment allows the use of such sophisticated processing equipment as a dual end-station ion implanter or a molecular beam epitaxy facility.

The \$100,000 equipment grant will be used to purchase processing equipment specifically dedicated to undergraduate teaching. This equipment, to be housed in the new undergraduate teaching cleanroom, will be used to fabricate devices and integrated circuit chips.

Honors James R. Keiser

HRIM alumni make building gift

Alumni of the School of Hotel, Restaurant, and Institutional Management have donated \$50,000 toward a new building planned for the school.

Their gift honors James R. Keiser, a retired associate professor of hotel and institutional administration and a mainstay of the program for 30 years. A classroom in the new building will be named in his honor.

"Jim Keiser was a pillar that held the program together through many changes," said Gary Budge, a 1972 graduate and now corporate director of food and beverage for Princess Hotels International. Mr. Budge is chairman of the fund-raising effort among alumni that resulted in the gift.

The proposed 31,000-square-foot building will be adjacent to Keller Building. It will house a dining room, production and research kitchens, classrooms, a multimedia resource center and administrative and faculty offices.

"We're delighted that Jim has been honored by those whose lives he touched," Anne C. Petersen, dean of the College of Health and Human Development, said.

Dr. Petersen said many people remember James Keiser as the person who helped them get started in the hospitality industry and in life. He taught 23 different courses and advised six student organizations, retiring in 1989 after 30 years with the school.

University wins awards for cost-savings programs

Penn State is receiving national attention for two cost-savings programs that have already saved the University hundreds of thousands of dollars.

"As colleges and universities are taking a hard look at ways to hold down operating costs, an in-house chalkboard resurfacing program at the Penn State Harrisburg campus and a freight management system are evidence of what innovation and ingenuity can accomplish," James Wagner, vice president for business and operations, said.

The programs have earned the University two of the 44 monetary awards in the 15th annual Cost Reduction Incentive Awards Program, sponsored jointly by the National Association of College and University Business Officers and the USX Foundation.

More than 250 colleges and universities participated in the 1990 program.

Chalk manufacturers often use a wax binder to cut down on dust, but the wax fills the pores of slate chalkboards preventing the chalk from adhering. Over time, the wax buildup becomes immune to commercial cleaning products, and the institution is faced with expensive and inconvenient refinishing or replacement.

Penn State Harrisburg Physical Plant developed an alternative that has saved 61 percent of the refinishing cost of commercial grinding and 91 percent of the cost of replacement. Staff devised a way of cleaning the blackboards with a floor stripper, a floor machine, a wet vacuum and a wet mop.

Addressing a more complex problem of

streamlining and controlling freight transportation costs, University Freight developed a freight management cost avoidance system that has saved Penn State \$280,000 in one year.

In the past, carrier selection was generally made by a vendor or supplier, and the University found it had little control or influence over carrier service. The new system, based on centralized control of carrier selection, revolves around a freight coordinator in purchasing who negotiates contracts and discounts directly with carriers.

The University also received honorable mention for two smaller-scale cost saving projects. When the Department of Architecture at University Park badly needed studios painted, but there were no

resources to do the job, the department hired University students to do the painting, and the Office of Physical Plant provided supervision and supplies. The cooperative program resulted in a substantial savings of \$7,500.

The University also was commended for a cost-saving program that removed residence and dining halls at the Harrisburg campus from a central heating plant several blocks away. A significant amount of heat was being lost in the transmission pipe. Individual gas boilers were installed at a cost of \$153,894, saving the campus \$40,000 in one year with a payback period of 3.8 years.

News in Brief

Sigma Xi seeks nominations

Sigma Xi, the Scientific Research Society, is now accepting nominations for new members and for those being promoted to full membership. Nomination forms are being mailed to all local members; additional forms may be obtained from Robert G. Melton, 233 Hammond Building, 865-1185. Deadline for nominations is Oct. 12.

Institute grant

A group of faculty at the Population Issues Research Center in the Institute for Policy Research and Evaluation has received a grant of \$499,274 from the National Institute on Aging for a five-year post-doctoral training program in "Population Biology, Generations, and Cohort Succession."

The grant will bring two post-doctoral

fellows in the demography of aging to the University in its first year, with the number increasing to four post-doctoral fellows annually in the second through fifth years.

The principal investigator and director of the post-doctoral training program is Dennis P. Hogan, professor of sociology and director of the Population Issues Research Center.

Nominations for teaching awards being accepted

Nominations currently are being accepted for two major University teaching awards—the George W. Atherton Award for Excellence in Teaching and the Christian R. and Mary T. Lindback Award.

The Atherton Award is designed to recognize excellence in teaching performance in the undergraduate program of the University. There are four awards to

be presented, with at least two of the awards to be made to faculty at campuses other than University Park.

The Lindback Award, funded by members of the Lindback family, is given in recognition of outstanding teaching at the University. Two awards will be presented.

Nomination forms for the Atherton and

Lindback awards are available from the Office of the Vice Provost and Dean for Undergraduate Education, 207 Old Main, University Park. All nominations must be received by Oct. 19.

Presentation of the awards will be made at the University Awards Convocation in April 1991.

Carpoolers

Amy would like to carpool from Philipsburg to University Park. Her work hours are 8:30 a.m. to 5:30 p.m. Call 865-4731 or 342-1486.

Sharon would like to carpool from the Penns Valley area to University Park. Her work hours are 8 a.m. to 5 p.m. Call 863-0618 or 349-8843.

Alumni

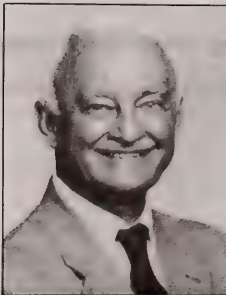
Continued from page 1.

finish his degree. In 1952, he graduated from New York University School of Law and then he joined the patent organization of Bell Telephone Laboratories, beginning a long and productive career in patent laws.

He became general patent attorney of Bell Labs in 1973. In 1980, he was elected vice president and general counsel of Bell Labs, and in 1984 was elected corporate vice president-law.

Since his retirement in 1989, Mr. Keefe serves as a consultant in intellectual property matter. He is a 1986 Outstanding Engineering Alumnus and currently is president of the College of Engineering Industrial and Professional Advisory Council.

A 1953 industrial engineering graduate, Mr. Miller has established a distinguished career in international entrepreneurship. He joined the U.S. Merchant Marine Academy, graduating in 1946. After two years as an engineering officer in the oil tanker fleet of



Russell E. Horn

Standard Oil Co., he entered the industrial engineering program at Penn State in 1950, graduating with honors.

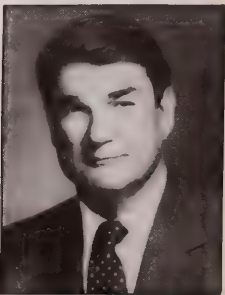
He has worked for General Motors,



William L. Keefe

Federal Mogul Corp., Weatherhead Co. and TRW, which he joined in 1969.

He was named managing director of the TRW Cam Gears Subsidiary and later general manager of TRW's European engine



Charles L. Miller

components operations. He was elected to his present position in 1987. In 1978, he was named a Penn State Outstanding Engineering Alumnus.

Focus on the arts

The arts on Channel 3

WPSX will present Alfred Hitchcock's 1935 comedy-thriller masterpiece *The Thirtynine Steps* at 11 tonight.

Starring Robert Donat and Madeleine Carroll this memorable story is the model for many subsequent spy yarns and one of the best films Alfred Hitchcock ever made.

Celebrating big band music, WPSX will air an encore presentation of *Fred Shuman Smith and the Chubmen Orchestra* with vocalist Rosemary Wagner at 10 p.m. Friday, Oct. 5. The program features tunes from the golden age of live music, when Tommy Dorsey, Benny Goodman and Glenn Miller ruled the dance floor.

Centre Dimensions

Centre Dimensions, an award winning student jazz ensemble from the School of Music, will perform in concert at 8 p.m. Monday, Oct. 8, in the Recital Hall of the Music Building at University Park.

The program features music from the big band era of Count Basie and Woody Herman, including "La Fiesta," "Nobody's Human," "Fried Bazzard," "What's New," "Willow Weep for Me" and "Please Don't Talk About Me When I'm Gone." The ensemble also will perform an original composition by pianist and graduate assistant Jeff Kunkle.

Zoller exhibit

An exhibition documenting an environmental art piece developed in Sri Lanka will open Monday, Oct. 8, in Zoller Gallery at University Park.

"Book of the Seven Lagoons" by internationally known environmental artists Helen Vayer Harrison and Newton Harrison will be on display through Nov. 4. The exhibition is a photographic documentation of work the Harrisons undertook with a species of crabs native to the island country off the coast of India.

This exhibition is the first of two of the Harrisons' work to be on display at University Park this fall. The second, "The Save River: A New History," will open at the Palmer Museum Nov. 21.

The Harrisons will be on campus Oct. 23 and Oct. 24. On Oct. 23, they will present a public lecture at 8 p.m. in Kern Graduate Commons. On Oct. 24, they will present a reading and performance of "Book of the Seven Lagoons" at 8 p.m. in Zoller Gallery.

The two exhibitions, the lecture and the performance are held in conjunction with the international conference Biodiversity and Landscapes: Human Challenges for Conservation in the Changing World being held at University Park Oct. 22-25.

Obscenity and the arts

A public forum exploring the controversy surrounding the National Endowment for the Arts (NEA) obscenity clause will be held at 7:30 p.m. Tuesday, Oct. 9, in Schwab Auditorium at University Park.

The forum, titled "Obscenity, censorship and the Arts," consists of a panel of



The Pennsylvania Quintet will premier a work by Steven Stucky at 8 p.m. Oct. 10 in the Recital Hall of the Music Building.

University faculty members and artists who will briefly present their own views on the NEA's obscenity clause before opening the discussion to the audience. The clause forces artists who accept grants to agree to exclude from their work anything the NEA may consider obscene.

Panel members are John Kissick, assistant professor of art; Bruce Murphy, professor of political science; Eliza Pennypacker, associate professor of landscape architecture; and Ken Foster, director of the Center for the Performing Arts. Charles Garoian, assistant director of the Palmer Museum of Art, will be moderator of the forum.

The forum is sponsored by the College of Arts and Architecture, the Center for Performing Arts and the Palmer Museum of Art. It is free and open to the public.

Penn State-Behrend

Penn State Erie. The Behrend College is hosting a speaker series on the theme "Shaping the Future: Taking Responsibility in the 1990s." The series is free to the public.

The schedule is: Frank C. Carlucci III, former secretary of defense and national security adviser during the Reagan administration, on "Peace in the East: Security in the West," 8 p.m. Oct. 13, Reed Lecture Hall.

William Raspberry, syndicated newspaper columnist, on "Perspectives on America," 8 p.m. Oct. 25, Reed.

Richard Lamm, former governor of Colorado, and Nat Hentoff, *Village Voice* writer, debate on the right to die, 8 p.m. Nov. 15, Erie Hall.

Rev. John F. Steinbrink, activist for the homeless, on "Homelessness in America," 8 p.m. Jan. 23, Reed.

Jack Anderson, syndicated newspaper

Wind ensemble

The faculty wind ensemble will perform the premiere of a work by one of America's leading young composers at its concert at 8 p.m. Wednesday, Oct. 10, in the Recital Hall of the School of Music at University Park.

The "Serenade for Wind Quartet" by Steven Stucky, composer-in-residence of the Los Angeles Philharmonic and professor of composition at Cornell University, was commissioned by the Pennsylvania Quintet through a private grant to further the composition and performance of contemporary music. The work is in five movements of contrasting character and extends the voices of the ensemble by adding scoring for English horn, alto flute and piccolo.

Dr. Stucky will be in residence in the School of Music to present seminars on composition Oct. 10 and will attend the premiere performance.

The concert also will include works from the traditional quintet repertoire by Ibert, Bozza and Nielsen.

Dr. Stucky, originally from Kansas, has become well known as a persuasive voice among the younger generation of American composers. His music has been performed throughout this country and abroad.

Members of the Pennsylvania Quintet are School of Music faculty members Eleanor Duncan Armstrong, flute; Barry Kroeker, oboe; Smith Toulson, clarinet; Daryl Duran, bassoon, and Lisa J. Bontrager, horn.

Odyssey on WPSU

The "highly talented and morally reprehensible" late nineteenth-century woman who wrote under the pseudonym "Gyp" is the topic of discussion on next week's "Odyssey Through Literature."



Clarinetist Richard Stoltzman will perform at 8 p.m. Oct. 5 in Eisenhower Auditorium.

"Gyp is a kind of vortex that draws in the whole of a period," says her biographer, Willa Silverman of Penn State's Department of French. A noted feminist and political activist, Gyp was a staunch conservative and a vehement anti-Semite in spite of the fact the publisher of her novels was Jewish—as well as a critical observer of that period in French history encompassing the Dreyfus Affair.

"Odyssey Through Literature" is produced by the Department of Comparative Literature, and airs Wednesday at 12:30 p.m. on WPSU, 91.1 FM.

New Decade Quartet

The New Decade Quartet, a group of graduate and undergraduate horn majors from the School of Music, will perform in

Please see "Arts" on page 7.

The arts at...

columnist, on "The News Behind the News," 8 p.m. Jan. 29, Erie.

Joe Clark, New Jersey principal, on "From Disgrace to Amazing Grace," 8 p.m. Feb. 19, Reed.

Rosemary Radford Ruether, feminist theologian, on "Ecofeminism: The Symbolic and Social Domination of Women and of Nature in the Christian Tradition," 8 p.m. March 11, Reed.

Judy Goldsmith, former NOW president, on "Women in America: The Invisible History," 8 p.m. March 19, Reed.

Richard Keeling, chair, American College Health Association Task Force on "AIDS and National AIDS Network, on AIDS in the 1990s: New Challenges and New Hopes," 8 p.m. April 2, Reed.

Henry Cisneros, former mayor of San Antonio, on "America's Challenge in a Changing World," 8 p.m. April 17, Reed.

A second series, the Penn State-Behrend Provost's Speaker Series, will feature Robert Marande on "Journey Through the Universe"

8 p.m. Oct. 30, Reed, and Daniel Frankforter on the history of Christianity through 17th century feminism, 8 p.m. March 27, Reed.

Penn State Great Valley

The AFZ (America's First Zoo) Camera Club traveling exhibit, featuring 33 examples of animal portraits, plants and zoos architecture by 15 photographers, is on display in the main recreation area until Nov. 2.

According to Bill Buchanan, AFZ Camera Club president, the photo exhibit presents "a fresh approach to seeing the zoo and nature through the eyes of people who spend long hours behind their lenses just waiting to catch the perfect moment."

America's First Zoo Camera Club has been a service organization to the Philadelphia Zoo for seven years, and members are both amateur and professional photographers.

University Park Calendar

October 4-- October 14

Special Events

Thursday, October 4

Earth and Mineral Sciences, IBIS open house, 10:30 a.m.-noon, Walker Bldg. Thursdays through Nov. 15.
Bach's Lunch, 12:10-1:30 p.m., Eisenhower Chapel.
Penn State Glee Club's H-L's.
Brown Bag Lunch, lecture, 12:10-1 p.m., Palmer Museum of Art. Robert W. Ott on "Art in Public Places: Art Education Graduate Student Panel Presents Viewers' Guides for Town and Gown Sculpture."

■ Lecture commemorating Bicentenary of French Revolution, 8 p.m., Kern Aud. Robert Darnlton, Princeton Univ., on "The Forbidden Best-Sellers of Pre-Revolutionary France."

Friday, October 5

Human Resource Development Center, teleconference, "Campus Responses to Racial Harassment and Intimidation," 1:30 p.m., 112 Kern. Register, 865-3410.
Homecoming Parade, 5:30 p.m., and Candlelight Vigil, 7:30 p.m., Old Main steps.
Geog. Coffee Hour, 4 p.m., 319 Walker. Irene Ferrara, recycling coordinator, on "The Centre County Solid Waste Authority Recycling Program."

Center for the Performing Arts, 8 p.m., Eisenhower Aud. Richard Stoltzman, clarinet, with Irma Vallado, piano.
URTC, 8 p.m., Pavilion Theatre, through Oct. 13. *Come on Get It!*

Saturday, October 6

Shaver's Creek, Nature Guiding Workshop, 10 a.m.-4 p.m. Call 863-2000.
School of Music, 7:30 p.m., Schwab Aud. Penn State Glee Club Homecoming Concert.

Sunday, October 7

Old Main tower open 9 a.m.-3 p.m.
Shaver's Creek, Winged Hunters, 2-4 p.m. Call 863-2000.

Center for the Performing Arts, 3 p.m., Eisenhower Aud. Hudson Vagabond Puppets. Carnegie Hall Film Series, 7 p.m., *Gone with the Wind* (1939).

School of Music, 8 p.m., Recital Hall. Bronislaw Kowalski, piano.

Monday, October 8

Campus Bloodmobile, 10 a.m.-3 p.m., Paul Robeson Cultural Center.
Comp. Lit. Luncheon, 12:15 p.m., 101 Kern. Sue Shufman.

School of Music, 8 p.m., Recital Hall. Centre Dimensions, University Jazz Ensemble.

Tuesday, October 9

■ Dept. of Spanish, lecture, 8 p.m., 112 Kern. Mario Corsi, Scuola Superiore degli Studi, Pisa, on "Corsi's Intellectual Dialogue in His Correspondence."

Wednesday, October 10

■ Slavey Center, Brown Bag Lunch, noon, 124 Sparks. George Enten on "Moscow: Summer 1990-Dancing on the Rim of a Volcano."
School of Music, 8 p.m., Recital Hall. Pennsylvania Quintet.

Thursday, October 11

Campus Bloodmobile, noon-5 p.m., White Lobby.
Bach's Lunch, 12:10-12:30 p.m., Eisenhower Chapel, New Decade Quartet.

■ International Lecture Series, 2:30-4 p.m., 222 Boucke. Peter Randall, Univ. of Witwatersrand, South Africa, on "Toward Post-Apartheid



The Hudson Vagabond Puppets will perform at 3 p.m. Sunday, Oct. 7, in Eisenhower Auditorium.

Society in South Africa."
Women's Studies, Six Feminist Scholars, 8 p.m., HUB Gallery. Deborah Gray White, Rutgers Univ., on "The Cost of Club Work, The Price of Black Feminism."
Gallery Talk, 8 p.m., Palmer Museum of Art. Karen Jones Arblman on "Fakes: The Experts Right and Wrong."

Friday, October 12

Geog. Coffee Hour, 4 p.m., 319 Walker.
Andrew Carleton, Indiana Univ., on "The Role of Satellites in Synoptic Climatology."

Saturday, October 13

Shaver's Creek, Paper Making (grades 2-6), 1-3 p.m. Call 863-2000.

Sunday, October 14

Shaver's Creek, Fall Colors Walk, 2-4 p.m. Call 863-2000.
Carnegie Hall Film Series, 7 p.m., *Now, Voyager* (1942); 9:15 p.m., *Six in Paris* (1966)

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m.; "Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubinstein.

Conferences

Continuing Education

Keller Building

Oct. 8-10. Elements of Underground Coal Mining. Christopher Bise, associate professor of mining engineering, director; Barb Impellitteri, coordinator.

Oct. 9. Pa. Bar Institute. Shirley Hendrick, assistant dean for continuing education, Smeal College of Business Administration, chair; Jeri Milson, coordinator.

Oct. 9-10. Visible Emissions Training Program.

Robert Heinsohn, professor of mechanical engineering, chair; Bill Stiermer, coordinator.
Oct. 9-11. Motor Fleet Trainer. Eric Loop, coordinator.

Oct. 9-12. National Organization of Test,

Research and Training Reactors. Marcus Voth, associate professor and director, nuclear reactor, chair; Norm Lathbury, coordinator.
Oct. 11-12. Statewide Educational Conference for Allied Health/Health Occupations Professionals. Beverly Richards, associate professor of vocational education, chair; Chuck Hersl, coordinator.

Seminars

Thursday, October 4

■ Economics/Policy Research, 2:30 p.m., 69 Willard. Robert J. Shiller, Yale, on "Popular Attitudes Towards Free Markets: The Soviet Union and the United States Compared."

Physics Colloquium, 3:30 p.m., 55 Osmond Lab. John Collins on "Perturbative QCD."

■ Agribusiness Education. Alan R. Warehne seminar, 3:45 p.m., 301 Ag Admin. John M. Dwyer, H.J. Heinz, on "The Competitive Position of U.S. Food Firms in International Markets."

Philosophy Colloquium, 4 p.m., 204 Keller. John Sallis, Vanderbilt Univ., on "The Place of Wonder."

Graduate Program in Acoustics, 4 p.m., ARL Classroom. Gerard Mangiante on "The IMC Method: Some Applications to Wave Reconstruction."

Gerontology Colloquium, 4 p.m., 106 Mitchell. Tomasz Letowski on "Identification of Satisfied Hearing Aid Users."

Friday, October 5

Polymer Science, 9 a.m., 301 Steidle. Pierre Lutz, Institut Charles Sadron, France, on "Synthesis and Solution Properties of Functional Star-Shaped Polymers."

Tuesday, October 9

Chemical Engineering, 2:30 p.m., Paul Robeson Cultural Center Aud. Alice Gast, Stanford Univ., on "Interfacial Behavior of Block Copolymers."

Geosciences Colloquium, 3:45 p.m., 301 Steidle. Robert Dietrich, Univ. of Rhode Island, on "Crustal Structure of Mid-Ocean Ridges: New Evidence on the Existence of Axial Magma Chambers."

Condensed Matter Physics, 4 p.m., 339 Davey Lab. Bruce Druk, AT&T Bell Labs, on "Chemisorbed Overlayers on Si(111)"

Wednesday, October 10

Accounting and MIS Research Colloquium, 3:30-4:30 p.m., 333 Beam. Lawrence Penomenon State Univ. of N.Y. at Albany, on "Auditor Underreporting and Moral Reasoning: An Experimental Lab Study."

Thursday, October 11

Polymer Science, 9 a.m., 301 Steidle. John Fitzgerald, Eastman Kodak, on "Photochemical and Dynamic Mechanical Properties of Polyimide/Polyacrylate and Liquid Crystalline Polyacrylate-Semi-IPNs."

Physics Colloquium, 3:30 p.m., 117 Osmond Lab. John L. Hall, National Institute of Standards and Technology, on "Precision Metrology Using New Ideas in Laser Technology."

Gerontology Colloquium, 4:55 p.m., 106 Mitchell. Leslie Morgan, Univ. of Maryland-Baltimore, on "Small Board and Care Homes for the Elderly: A Case of Social Marginality."

Friday, October 12

■ Political Science, seminar, 4 p.m., 124 Sparks. Kurt von Mettenheim, Univ. of Pittsburgh, on "The Brazilian Voter in Democratic Transition."

Exhibits

Chambers Gallery

Chet Davis, paintings, through Oct. 5

HUB Galleries

Browsing Gallery, Art Alley Panels Cases: ■ Biodiversity: Land and Water Management, through Oct. 27.

Formal Gallery:

■ Turkish Carpets: Art and History, through Oct. 27.

Palmer Museum of Art

Selections from the Permanent Collection, through Oct. 7.

The Presence of Absence: New Installations, through Oct. 14

■ The Machines of Leonardo da Vinci, through Nov. 4

Pattee Library

Rare Books Room: 1840-1928 a 150th anniversary exhibit, featuring photographs by Leslie Greenhill, through Oct. 12

Zoller Gallery

Book of the Seven Logos, Oct. 8-Nov. 4

TIPS

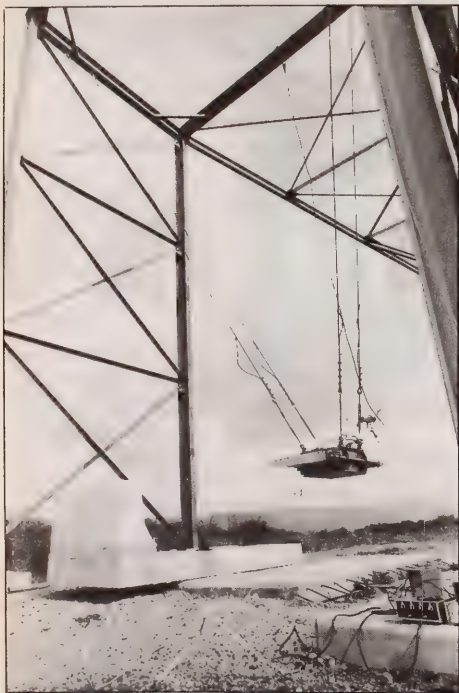
Information Penn State

Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are listed in the front of the telephone directories. Other messages are Weather-234, Arts Line-345. University Calendar-456.

■ Reflects an international perspective

Carpooler

Greg needs one or two people to carpool from Bellefonte to University Park. He leaves Bellefonte at 8 a.m. and leaves University Park at 5 p.m. Call 865-2180 or 353-9311.

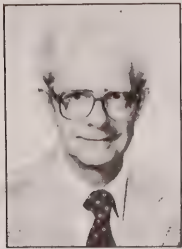
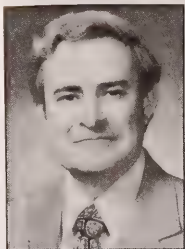


Pendulum testing facility

A mass weighing 5,300 pounds is directed toward a test bridge parapet at a force of 120,000 pounds at the College of Engineering civil engineering pendulum testing facility. A team of researchers, led by Andrew Scanlon and Richard McClure, professors of civil engineering, developed the facility for full-scale impact testing of structures. The largest such facility in the country, it has a 50-foot-high steel frame capable of swinging a mass weighing up to 10,000 pounds. Dr. Scanlon, left, and Abbas Aminmansour, instructor in architectural engineering, examine the damage to the bridge parapet after impact. The research team will use measurements from the test to evaluate the design. (Photos: Greg Grieco)



25-year award recipients



Observing 25 years service at the University are, from left, Gerald G. Eggert, professor of American history; Lowell L. Manfull, professor of theatre arts; Reinhard Graetzer,

associate professor of physics; S. R. Polo, professor of physics, and Louis Winkler, assistant professor of astronomy.

Faculty/Staff Alerts

Informational sessions

Details of several significant changes in healthcare coverage which are effective Jan. 1, 1991, will be discussed by members of the Employee Benefits Division at informational sessions on Oct. 18 and 23. The sessions will be held at 1, 2, 3 and 4 p.m. in Room 112 Kern Building at University Park.

Tuition reduction

This is to remind you that the 75 percent tuition reduction for graduate study for employees and spouses is taxable as ordinary income. Ordinary income is subject to withholding of all payroll related taxes. For the Fall Semester, these taxes will be withheld from the October, November and December monthly payroll checks and from the five bi-weekly pays beginning Nov. 2 and ending Dec. 28.

Healthcare coverage review

Regular University faculty and staff members are urged to review periodically the deductions being taken for their

healthcare coverage (hospital/surgical/major medical, dental and vision) to be certain that they are paying for the correct coverage.

A change in family status may affect your cost and your coverage. For example, when you get married, when you have a first child, or when your spouse stops working for the University, you run the risk of having inadequate dependent coverage, if you haven't taken steps to indicate the change in coverage desired.

Consideration should be given to changing coverage if any of the following circumstances arises: If you get married, you get divorced (or separated) and no longer wish to provide spouse dependent coverage; you become the parent of a first child (note: a baby is covered automatically for 31 days following birth; however, to provide coverage beyond that time for a child, a coverage form must be completed); your only dependent child reaches age 19 (or 23 in the case of a full-time student); your only dependent child gets married; your spouse begins or ceases working for

the University as a regular employee; you only dependent child begins or ceases working for the University as a regular employee; your spouse enters military service; your spouse dies; you only dependent child dies.

If you feel a change should be made, call, write or visit the Employee Benefits Division, Room 205 Rider Building, 865-

1473. Faculty or staff members located away from University Park may receive assistance by contacting the appropriate director of business services or human resource officer.

The University has no way of knowing whether a change should be made, so it is the responsibility of faculty or staff members to keep their records up to date.

Shenango executive officer search group

W. Murray Small, associate professor of metallurgy at the Penn State Shenango Campus, has been named chair of the Advisory Search Committee for Campus Executive Officer at Shenango.

Members of the committee are **Jane Muldoon**, adult counselor; **Joy M. Perrine**, acting director, Student Programs and Services; **Thaddeus R. Freisner**, assistant professor of biology, and **Margo Young**, Association of Student Government. Association, all at Shenango Campus; **Deborah F. Atwater**, associate professor of speech communication; **David B. Otto**, campus executive officer, Penn State Beaver Campus; **Jack P. Royer**, associate dean of

undergraduate education, and **Judith Vicary**, director of worksite health and assistant professor of health education.

Candidates for the position should have an earned doctorate, several years of experience in college and/or university teaching and substantial experience in academic administration.

Applicants should send two copies of resume to Richard E. Grubb, senior vice president and dean, Commonwealth Educational System, 111 Old Main, Department CHE, University Park. Applications and nominations will be received until a suitable candidate is selected.

Focus on the arts

Continued from page 4.

concert at 12:10 p.m. Thursday, Oct. 11, in the Eisenhower Chapel at University Park. The 20-minute concert is part of the Bach's lunch concert series, sponsored by the School of Music and the University Lutheran Parish.

The New Decade Quartet was formed in January 1990 to promote horn ensemble music. The group is part of the Penn State Horn Ensemble.

Artistic forgeries

Kahren J. Arbitman, director of the Palmer Museum of Art, will give the lecture "Fakes: The Experts Right and Wrong" at 8 p.m. Thursday, Oct. 11, at the museum at University Park.

Her talk will focus on two of the more

notorious occurrences in which paintings created centuries after the originals fooled both art connoisseurs and the public-at-large.

Her lecture is the second in this fall's Director Series and is free and open to the public.

Song recital

Tenor Richard Kennedy, an assistant professor in the School of Music, and pianist Betty Bullock will present a song recital at 8 p.m. Friday, Oct. 12, in the Recital Hall of the Music Building at University Park.

The pair will perform songs in English, German and French by composers Henry Purcell, Franz Schubert, Hugo Wolf, Richard Strauss and Francis Poulenc.

Pittsburgh Symphony

The Pittsburgh Symphony under the direction of world-renowned conductor Lorin Maazel will bring to life dragons, giants, heroes and heroines as they perform an adaptation of Wagner's epic masterpiece "The Ring" at 8 p.m. Monday, Oct. 15, in Eisenhower Auditorium at University Park. Mr. Maazel's "Ring," called "The Ring Without Words," is a 70-minute arrangement of Richard Wagner's four-part, 14-hour opera "The Ring of the Nibelungs." It was recorded by the Berlin Philharmonic in 1987 and had its live premiere this May in Pittsburgh.

At 7 p.m. the audience is invited to Artistic Viewpoints, a free lecture series. Barbara Yahr, past director of the Nittany Valley Symphony and now with the Pittsburgh Symphony, will speak.

Tickets are available through the Eisenhower Auditorium Ticket Center,

open Monday through Saturday 8:30 a.m. to 4:30 p.m.

Production wins award

An all-Penn State television production, "Best Friends," has received the Gold Award in Performance from the Corporation for Public Broadcasting.

Shot in only five days and using student talent in every aspect of its production, "Best Friends" was recommended for national airing after a local showing on WPSX-TV.

The quality of the writing, directing, cinematography, editing and acting in the program, along with its 30-minute length, combined to earn "Best Friends" national distribution. It was telecast Aug. 16 and was one of *People* magazine's "picks" for that week.

University Faculty Senate

The University Faculty Senate will meet, at 1:30 p.m. Tuesday, Oct. 9, in Room 112 Kern Graduate Building at University Park.

Items to be discussed

Oct. 9:

- Status of Construction Projects

- Report on the Implementation of the Cultural Diversity Requirement
- Faculty Salaries-Penn State vs. Similar Institutions
- Undergraduate Education Update: 1990
- Faculty Rights and Responsibilities Annual Report

Items discussed Sept. 11:

- Annual Report of the NCAA Representative
- Academic Requirements for the Big Ten
- Summary of Student Petitions by College, Unit or Location
- Status of Construction Projects
- Awards and Scholarships
- Summary of Petitions for Waiver of the 10-Credit Limit for Nondegree

- Conditional Students (Student Policy 14-00)
- Summary of Academic Renewal Petitions
- Blue Sheet of Aug. 17, 1990
- Status of the Pennsylvania College of Technology
- Joint Committee on Insurance and Benefits
- Presentation by the Office of Human Resources

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 13.0304). Applications for these staff vacancies will be accepted until Oct. 11, DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment practices (FES-31) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law) sex, or status as a disabled or Vietnam era veteran

***01003. Coordinator, Project Management, Division of Development and University Relations, Office of University Development.**

University Park Campus - Supervise and manage the development tracking of major gift LYBUNTS - pending funds, and gift publicity. Requires bachelor's degree, or equivalent, in business administration or computer science, or related field, plus one to two years of effective experience with data management. Proficiency in verbal and written communications skills and analysis required. STAFF GRADE 5

***01004. Data Retrieval Specialist, Division of Development and University Relations, Alumni Association, University Park Campus** -

Analyze code modify text, and submit computer program instructions for retrieval of data from Alumni/Development database: review and interpret requests for information from users of the Alumni/Development database; prepare appropriate test databases. Requires associate degree, or equivalent, plus one to two years of effective experience. Knowledge of COBOL and NATURAL programming language preferred. STAFF GRADE 4.

***01005. Program Assistant - Graduate Housing, Housing and Food Services, University Park Campus** - Responsible for the creation, implementation and evaluation of comprehensive social, cultural, educational and recreational programs for residents of graduate housing, along with periodic other housing supervisory responsibilities elsewhere on campus. Requires bachelor's degree, or equivalent, in student personnel, counseling or related field plus one to two years of effective experience STAFF GRADE 6.

***01006. Assistant Manager - HUB Production, Housing and Food Services, University Park Campus** - Responsible to the manager, HUB Food Service, for recipe development, purchasing, preparation, production quality and inventory control for all food products prepared in the HUB Eatery in support of the six retail operations and Penn State Catering. Requires bachelor's degree, or equivalent, in HRIM or graduate of accredited culinary school plus one to two years of effective experience in food production. Demonstrated ability to direct and

manage a high volume and quality food production facility is required. STAFF GRADE 6.

***01007. Research Engineering Assistant, College of Engineering, Mechanical Engineering - Center for Acoustics and Vibration, University Park Campus** - Responsible to the director, Center for Acoustics and Vibration, for performance and coordination of assigned research activities of the Noise Control and High Intensity Acoustics Laboratories. Requires associate degree in electronics or mechanical technology, plus two to four years of effective experience in analog and digital electronics, acoustics and acoustic instrumentation, and machine shop operations and practices. Excellent interpersonal skills and organizational ability required. STAFF GRADE 6.

***01008. Counselor, CES, Beaver Campus** - Responsible to the director of student programs and services for conducting personal, educational, career and placement counseling programs on Campus. Assist with the activities of other student programs and services and Campus divisions. Requires master's degree in clinical or counseling psychology, counselor education, or equivalent training, plus a minimum of two years of applicable professional experience in educational/vocational counseling or related experience. STAFF GRADE 7

***01009. Senior Technical Specialist (Economic Development), Senior Vice President for Research and Dean of the Graduate School, Office of Sponsored Programs, Technology**

Transfer and Industrial Liaison, Penn State-Behrend - Responsible, through the director of industrial programs, for serving as a resource person for clients interested in economic development and for organizations in Northwest Pennsylvania to assist in identifying and providing possible solutions to technical and economic development problems. Requires master's degree, or equivalent, in an engineering field or physical science, plus five to seven years of effective experience in an industrial setting, preferably in a plastics-related industry. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991. WITH STRONG POSSIBILITY OF RE-FUNDING. STAFF GRADE 9.

***01010. Drafter, Electro-Mechanical, Applied Research Laboratory, University Park Campus** - Responsible to the supervisor, Design and Drafting, for the accurate performance of a variety of drafting operations on all types of drawings for electronic, electro-mechanical, mechanical, hydraulic and acoustic equipment and devices. Requires associate degree, technical school training, or equivalent, in electro-mechanical drafting plus six to nine months of effective experience. U.S. citizenship required. STAFF GRADE 3.

***01011. Drafter-Designer, Electro-Mechanical, Applied Research Laboratory, University Park Campus** - Responsible to the supervisor, Design and Drafting, for the accurate performance of a wide variety of drafting operations, including layout and design work on all types of drawings for electronic, electro-mechanical, mechanical, hydraulic, and acoustic equipment and devices, and for

the "packaging" design of electronic equipment. Requires associate degree, technical school training, or equivalent, in electro-mechanical drafting plus two to three years of effective experience. U.S. citizenship required. STAFF GRADE 5.

***01012. Junior Engineering Aide, Applied Research Laboratory, University Park Campus** - Responsible to the project engineer or designated senior engineering aide for assistance in the fabrication, testing, installation, operation, and maintenance of non-standard electronic or mechanical parts, components, and equipment. Requires associate degree, or equivalent, in electrical or mechanical engineering technology program, and more than three months of effective experience. Position may require travel on field assignments including assignments abroad ships at sea. U.S. citizenship required. STAFF GRADE 3.

***01013. Engineering Aide, Applied Research Laboratory, University Park Campus** - Responsible to the project engineer or senior engineering aide for the layout, design, fabrication, and construction of standard electronic or mechanical components and equipment. Assist in conducting tests and with the collection, compilation and analysis of test data. Requires associate degree, or equivalent, plus two to four years of effective experience in the design and fabrication of experimental equipment. Position may require travel on field assignments including assignment aboard ships at sea. U.S. citizenship required. STAFF GRADE 3.

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7517.

William E. Campbell Jr., Editor
Deborah A. Benedetti,
Assistant Editor
Kathy Garman, Calendar

October 4, 1990
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COST-SAVING PROGRAMS

The University has been cited for two cost-saving programs. See the story on page 3.

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INTERCOM

October 11, 1990

Volume 20, Number 8

Arts and Architecture graduates scheduled to visit

Two graduates of the College of Arts and Architecture have been named Alumni Fellows and will visit the University Park Campus Oct. 16-18 to meet with students and faculty members.

Arthur Edwin Bye, international known landscape architect, and **Mary Louise Elliot Krumrine**, curator of a recent landmark exhibition on the art of Paul Cezanne, were selected for the most prestigious award given annually by the Penn State Alumni Association.

Mr. Bye is the head of his own landscape architecture firm based in Cos Cob, Conn. Since the establishment of the firm in 1951, he has worked on private, public and corporate commissions, and worked with some of America's most prominent architects, including Frank Lloyd Wright, Marcel Breuer, Edward L. Barnes, Abraham

Geller, John Hejduk, Davis and Brody, and Mitchell/Giurgola.

In addition to his practice, Mr. Bye has taught landscape architecture at Cooper Union in New York since 1951. He also has taught at Columbia University and the University of Pennsylvania and has served as a visiting design critic and lecturer at Penn State, Harvard and a number of other universities.

Dr. Krumrine is a part-time associate professor of art history at Penn State. Last year she served as curator of the landmark exhibition "Paul Cezanne: Die 'Badenden,'" held at the Kunstmuseum, Basel, Switzerland.

She has published extensively on the work of Cezanne, and currently is working on a postscript to the Basel exhibition in

Please see 'Alumni' on page 3.



Arthur Edwin Bye



Mary Louise E. Krumrine

Biodiversity and Landscape Week

Whereas, Human incursions into natural habitats, such as the rain forest, have brought many species to extinction or the verge of permanent displacement; and

Whereas, Increases in human population are leading to the degradation of the environment and biodiversity through non-renewable resource depletion; and

Whereas, Species extinction lowers the overall biological diversity of the planet, and decreases in genetic diversity leave species open to decimation by catastrophic events; and

Whereas, Extinction or loss of genetic variability frequently causes us to lose the option to explore the unknown benefits of uncataloged species; and

Whereas, Penn State will host Biodiversity and Landscapes; Human Challenges for Conservation in the Changing World, an international event in biodiversity

Therefore, I, Joab Thomas, president of Penn State, do hereby proclaim the week of Oct. 21-27 as Biodiversity and Landscape Week at Penn State. I urge everyone to consider the complexity and interrelatedness of the Earth's flora and fauna and the opportunities humanity is losing each time a species becomes extinct or biological diversity is reduced.

Joab Thomas

United Mine Workers to observe 100th anniversary at conference

The United Mine Workers, a pioneer organization in the U.S. labor movement, will celebrate 100 years of rich history while looking ahead to the 21st century at its UMW Centennial Conference, Oct. 18-20, at University Park.

UMW president Richard Trumka, a Penn State graduate and current member of the University's Board of Trustees, will present the annual Philip Murray Memorial Lecture at 7:30 p.m. Thursday, Oct. 18, in the Keller Conference Center.

In addition, there will be a showing of a video on the history of the UMW, which was produced to mark the 100th anniversary of the union's founding.

Several noted historians and industrial relations authorities will speak at the five sessions of the conference: David Brody, Melvyn Dubofsky, John H.M. Laslett, Robert Zieger, Joe W. Trotter Jr., Anthony Mazzocchi, James Green, Steve Brier, David Frank and Alan Derickson.

Several University faculty members have prominent roles in the conference. Paul F. Clark, associate professor of labor studies and industrial relations, and Harold W. Aurand, professor of history and director of academic affairs at the Penn State Hazleton Campus, will chair two of the sessions. Alan Derickson, assistant professor of labor

Please see 'UMW' on page 3.

Air Expo set for Oct. 20-21 at University Park Airport

The skies over State College will be filled with activity when Air Expo '90 comes to the University Park Airport Oct. 20-21.

Introducing today's younger generation to the world of flight is the goal of this year's Expo. Its theme, "Youth and Careers in Aviation," refers not just to piloting, but also to aircraft design and repair, air traffic control, stewardship and more.

Now in its fifth year, the Air Expo has been expanded to two days on Parents' Weekend, an away-football weekend. It will be held from 10 a.m. to 6 p.m. Saturday and from 10 a.m. to 4 p.m. Sunday in fair or foul weather at the airport on Fox Hill Road in State College. Admission will

be \$5 for adults age 16 and over, and no charge for young children.

Featured attractions will include the Holiday Inn Aerobatic Team, Manfred Radius' sailplane aerobatics, parachuting, and hot air balloons.

Military aircraft to be displayed include a vintage B-17 Flying Fortress, a PBX amphibious airplane and a TBM Avenger. Flight demonstrations will be given by modern A-10A Thunderbolt IIs, A-7 Corsair IIs and A-4 Skyhawks, as well as one of the only two F-9F Panther jets in existence.

A variety of military helicopters and experimental, corporate and commercial aircraft also will be on display.

Air Expo visitors are asked not to park at the airport. Free parking will be available at a designated lot on the east side of Beaver Stadium. Shuttle buses will transport visitors to and from the airport at no charge.

The International Lions Clubs of Centre County are co-sponsors of the event with Penn State. The Sight Loss Support Group of Central Pennsylvania and the Centre County Youth Services Bureau have been named as beneficiaries of Air Expo '90 proceeds.

Air Expo '90 also will host a challenging contest for visiting youths and a variety of historical exhibits and aviation industry booths.

Focus on Diversity

Black geologists and geophysicists will meet

Careers in geosciences for minority students will be among the topics at the ninth annual conference of the National Association of Black Geologists and Geophysicists Oct. 19-20 in the Keller Conference Center at University Park.

This year's conference, whose theme is "The Geoscientist's Role in Preserving the Environment: Education for the 21st Century," includes technical paper sessions and workshops as well as special activities for a group of Pittsburgh area high school students.

"We are expecting about 40 high school students and their teachers from the

Pittsburgh area and another 40 conference attendees," John Leftwich, graduate student and conference chair, said.

The National Association of Black Geologists and Geophysicists is a non-profit organization established in 1981 to inform students of career opportunities in geology and geophysics; provide scholarships and encouragement to students in geology and geophysics; and help minority students find summer employment.

Technical sessions will cover a wide range of topics in geology and geophysics including sedimentology, shallow aquifer pollution and water resources and

application of Earth Science Information.

Charles Brown, hydrologist with the U.S. Geological Survey, Reston, Va., will present the keynote address on the conference theme. Dr. Brown received his Ph.D. in 1977 from Penn State.

The high school students will attend special workshops in rocks and minerals, see films and visit Penn State's Mineral Museum to learn about career choices in the geosciences.

For further information, contact Mr. Leftwich, Department of Geosciences, University Park.

Minority career day being held in HUB

The University's seventh annual Minority Career Awareness Day is being held from 10 a.m. to 5 p.m. today in the HUB Ballroom and Fubball at University Park.

The career day is a multi-cultural event sponsored by the Career Development and Placement Center that last year attracted more than 1,200 students and 78 corporations, government agencies and non-profit organizations. It is designed to help African-American, Hispanic, Asian-American, Native American Indian and disabled students meet potential employers.

Underrepresented and disabled students from freshman to senior year in all majors are invited to meet professionals in their anticipated field and obtain career information from about 80 employer representatives. Those actively seeking employment should bring their resumes.

Rob Littlejohn, recognized speaker on job searches and business practices, will give a keynote address at 12:30 p.m. in the HUB Assembly Room.

Diversity series continues at Allentown

The film and discussion series Changing Cultures through the Centuries and Cultural Diversity in our World continues through the Fall Semester at the Penn State Allentown Campus.

The life of Jewel Lafontant will be chronicled in a film bearing her name on Wednesday, Oct. 17. Ms. Lafontant spent 40 years in the legal profession and achieved many "firsts" including being the first black and first woman to be deputy solicitor general of the United States. The second film on Oct. 17 will be "Japan: Society and Individual."

On Wednesday, Oct. 24, the film "New

Orleans Black Indians: A Case Study in the Arts" examines the Black Indian tribes as they celebrate Mardi Gras and create a living history of their folk art. The "Future of Humanity" also will be shown. The film explores whether cultural diversity is being lost in the movement toward a one-world culture or if a new cultural diversity and creativity will emerge.

The history and culture of the Middle East will be the topic of two films on Wednesday, Oct. 31. "The Middle East: Revolution-Iraq and Iran" explores the tradition of revolution that has emerged in the Middle East since World War II by

examining Iraq and Iran. "The Middle East: The Middlemen" explains the constant turmoil in the Middle East through culture, history, Western influence, geography, and environment.

The series will conclude with two panel discussions by Penn State Allentown Campus students. Students will discuss life in the Middle East on Wednesday, Nov. 7, and life in Vietnam on Wednesday, Nov. 14.

All films and discussions will begin at noon in the Academic Building.

Diversity Opportunities Calendar

Monday, Oct. 15

Women's Studies Student Affairs Committee 12:15 to 1 p.m. 12 Sparks. Students and faculty will discuss issues concerning women at Penn State

Tuesday, Oct. 16

Campus Life Assistance Center and Project Growth, 8 p.m. HUB Ballroom. "Let's Listen" panel presentation on "Homosexuality: Different Perspective."

Wednesday, Oct. 17

Center for Women Students noon to 1 p.m. 120 Boucke Brown Bag Lunch presentation, Paula Ann Pricken, on "The Wounded Daughter and the Adult Child of Alcoholics Syndrome."

Fulbright Internal Lecture Series, 3:30 to 4:30 p.m. 222 Boucke. Adarsh Sharma, visiting Fulbright scholar, on "The Girl Child in India."

Women's Studies, 3:30 to 5:30 p.m. 12 Sparks. Women's Studies Faculty Advisory Committee meeting. All faculty and students welcome.

Groove Phi Groove, 7 p.m. Paul Robeson Cultural Center. Film: "Right On: Poetry on Film."

Center for Women Students, 7 p.m. HUB Gallery. National Collegiate Alcohol Awareness Week Film/Discussion: emphasis will be on advertising's impact on women

Throughout October
Hindu and Jain Good over Evil holidays (exact dates dependent on lunar calendar).

October through November

Hindu and Jain Festival of Lights holidays (exact dates dependent upon lunar calendar).

Private Giving to Penn State

Mobil supports engineering, business programs

The Mobil Oil Corp. has given Penn State \$115,000 to support a variety of programs in engineering and business during the 1990-91 academic year.

Mobil designated five grants totaling \$35,000 for the College of Engineering. The funds will be used for faculty and laboratory support in the Department of Chemical Engineering, the student activities center in the Department of Civil Engineering, and college-wide recruitment and retention of minority students.

The College of Earth and Mineral Sciences received five grants totaling \$30,000 for general support, faculty research and for scholarships in the Departments of Petroleum and Natural Gas Engineering and Geophysics. The departments may apply general support to areas of greatest need.

Mobil designated \$35,000 for the College of Business Administration for general support, graduate fellowships, minority recruitment and retention, and

activities of student preprofessional organizations.

The Department of Chemistry in the Eberly College of Science received \$10,000 for general support.

A \$5,000 grant was made to Penn State Educational Partnership programs in Reading and McKeesport. Through the partnership programs, Penn State encourages minority students in urban secondary schools to stay in school and work toward going to college.

Atherton Hilton provides gift for new facility

The School of Hotel, Restaurant, and Institutional Management has received a \$100,000 commitment from the Atherton Hilton Hotel in State College to support three scholarship funds and a new facility planned at University Park.

P. Jules Patt, owner of the Patt Organization of Hollidaysburg, parent company of the hotel, said the school provides skilled people for his company and deserves support.

"I want to see the hotel's involvement

with Penn State grow as the hotel grows," Mr. Patt said. "Many of our finest people have graduated from the school, and it only makes sense to invest in continued excellence."

Construction costs for the 31,000-square-foot facility planned adjacent to Keller Building are estimated at \$5.4 million. The University has allocated \$1.5 million for the project, and private support will provide the remaining funds, according to Dean Anne C. Petersen. The College of Health

and Human Development also plans to raise \$1.5 million for equipment for the new facility, she said.

The Patt Organization, founded by Jules Patt in 1972, is a full-service real estate development company. It designs, develops, builds and manages hotels, resorts, shopping and office centers, mixed-use complexes, adult personal care and planned residential communities in seven mid-Atlantic states.

University featured during Nittany Lion telecasts

When the Penn State Nittany Lion football team plays on network television the University shares the national limelight.

As part of an agreement with the NCAA, the television networks must provide commercial time for institutional spots from the competing schools.

At Penn State, the 30-second network

spots are produced by the Department of Public Information.

"While the networks are required to provide the time, the institution is responsible for producing the spot," J. Arthur Stober, manager of electronic communications, said.

"Although many institutions hire outside

professional production companies to produce their spots, all of ours are written and produced in Public Information, with technical assistance and technical facilities provided by WPSX-TV.

"As a result, we have complete control over the spots and are able to produce them much less expensively."

In the past, the University's institutional spots have focused on a wide range of areas, including teaching and research, and outstanding Penn State corporate alumni.

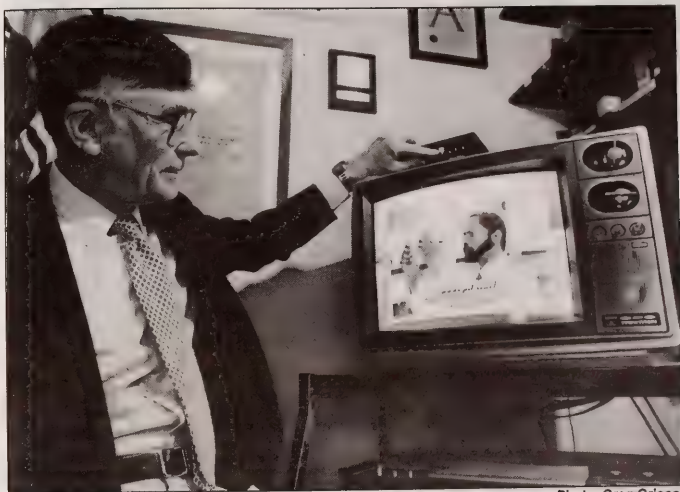
"The most famous spot," Mr. Stober said, "was the Homer Braddock spot shown during the 1986 Fiesta Bowl. The 30-second spot, commercial time for which would have cost \$400,000 on NBC, was estimated to have been seen by 70 million viewers."

The spot, which was narrated by actor Edward Binns, a Penn State graduate, focused on Homer Braddock, a 1900 graduate whose \$5.6 million bequest in 1984-85 created endowed scholarships and fellowships in the College of Science. It received a silver medal from the Council for Advancement and Support of Education (CASE) as the top spot of the decade.

This year, Public Information has produced seven new spots highlighting outstanding University faculty members and the Hershey Medical Center as an international center for heart research. The first of the new spots will be shown during the Penn State-Syracuse game on CBS.

The television spots have received a number of other awards from CASE. One honoring the four architects who designed the award-winning Korean War Veterans Memorial, and shown during last year's Holiday Bowl game, won a gold medal in this year's CASE competition. A 30-second version was shown on the ABC telecasts of the Penn State-Southern California game on Sept. 15.

"This year's gold medal," Mr. Stober said, "was the 22nd award the Department of Public Information has won for radio and television production. We're really pleased with the recognition our network spots have gotten."



J. Arthur Stober

Photo: Greg Grieco

Alumni

Continued from page 1.

addition to teaching at Penn State, she has been on the faculties of Lycoming College and Bucknell University.

Dr. Krumrine received all of her education at Penn State, including a bachelor of science in medical technology in 1953, a master's in art history in 1978 and a doctorate in art history in 1984.

UMW

Continued from page 1.

studies and industrial relations, will speak on the topic of black lung in the UMW's history.

On Oct. 19, a banquet at the Conference Center will include a performance of coal miners' songs by well-known country and bluegrass singer Hazel Dickens and her band, and Tom Juravich, assistant professor of labor studies and labor music performer.

UMW and coal-mining photographs, documents and memorabilia from Penn State's Historical Collections and Labor Archives will be on display at the Kern Graduate Commons.

United Way drives being held at all campuses

United Way charitable fund-raising drives are taking place throughout the Commonwealth this fall and at all Penn State locations.

United Way has been chosen as the only charitable fund-raising drive for which payroll deduction is authorized for University employees because it supports the greatest variety of human services in the communities where Penn State campuses are located. More than 37,000 different human service programs are funded in the United States.

Although United Way fundraising takes place typically in the fall, United Way agencies and volunteers meet year round. Each spring volunteers meet to consider agency funding requests. At that time, agencies that have received funding in the past submit detailed budgets, program information, service statistics and independent audits to United Way for review. The volunteer committees also review information submitted by organizations that want to become United Way-supported agencies.



United Way

It brings out the best in all of us.®

All requests are checked for accuracy and completeness.

Volunteers also may visit the agencies in person to see how they carry out their services, how accountable they are, and to examine their finances and management. These visits give volunteers information and an understanding in order to consider requests for funding, keeping in mind community needs, priorities and other available sources of support.

Face-to-face budget hearings are then scheduled with each agency to discuss funding requests. Volunteers then make specific funding recommendations which

are turned over to allocations specialists, and ultimately find their way into setting United Way goals and agency budgets.

To learn who the United Way volunteers are in your area who participate in agency funding, and who serve as members of United Way boards, ask your campus United Way volunteer or call the local United Way office. You also can indicate your willingness to serve or participate as a volunteer in United Way.

Understanding the process is the key to United Way's more than 100 years of success.

Focus on the arts

The arts on Channel 3

"The man who taught America how to sing," the late Fred Waring, is featured in *Fred Waring: America* airing on WPSX-TV at 9 p.m. Saturday nights, along with Waring's Pennsylvanians and guest stars. The 10-part series has been assembled from kinescope recordings of "The Fred Waring Show" which aired on CBS television in the early 1950s.

The first program in the series, airing Saturday, Oct. 13, spotlights "America: Our Heritage" in which Mr. Waring conveys his deep feelings of patriotism with rousing flag-waving songs including a medley of George M. Cohan tunes and a choral arrangement by Roy Ringwald.

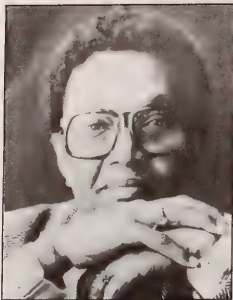
"The Ginger Tree," a poignant story about the life and loves of a young Scots girl in Manchuria and Japan at the turn of the century, airs on *Musket Theatre* at 9 p.m. beginning Oct. 14.

The four-part series tells the story of Mary McKenzie, who travels to Manchuria in 1902 to marry a British army officer. She soon finds herself isolated from family and friends, trapped in a war zone and disappointed in her plodding, lackluster husband. Disillusioned and lonely, she embarks on a passionate affair with a Japanese nobleman, which completely transforms her life.

Archaeology lecture

Halford W. Haskell, associate professor of classics at Southwestern University in Georgetown, Texas, will give the lecture "Problems of Chronology in Bronze Age Crete" at 8 p.m. Monday, Oct. 15, in 101 Kern Building at University Park.

Dr. Haskell will discuss the conflict among scholars on the date of the destruction of the Palace of Minos at Knossos, Crete. Sir Arthur Evans, who was responsible for the excavation, contended the palace was destroyed around 1380 B.C., whereas many other scholars believe it occurred as late as 1200 B.C. Dr. Haskell



Jazz great Billy Taylor will give the lecture "As I See It" at 2:30 p.m. Oct. 19 in the Recital Hall, Music Building.

believes Evans' date is correct and will present the supporting evidence in his lecture.

The lecture is sponsored by the Central Pennsylvania Society of the Archaeological Institute of America in collaboration with the Institute for the Arts and Humanistic Studies and the College of the Liberal Arts.

German television

"Heimat," one of the most popular German television series ever, will be shown from Oct. 15 to 19 in 105 Chambers Building at University Park for two hours on five consecutive nights, starting at 8 p.m. Sponsored by the German Department and free to everyone, the film will be shown in German with English subtitles.

The series, aired in 1984, traces the effect of Germany's post-war political changes from 1919-1982. It chronicles the life of a young woman living in Hunsrück, a poor rural community.

Thomas O. Beebe, assistant professor of comparative literature and German and

coordinator of the series, says: "The television series functions as the memory of a people and their changing culture through its reminiscent quality."

German-American lecture

Marion Lois Huffines, professor of German and linguistics at Bucknell University, will present a slide lecture on "The Plain and Fancy Pennsylvania Dutch: True Contributions and False Advertising" at 4 p.m. Tuesday, Oct. 16, in the Rare Books Room, W342 West Pattee Library, University Park.

Her lecture is for the German-American Lecture Series, sponsored by the Department of German.

Dr. Huffines investigates how the Amish and Mennonites are separate "from the world" and how the non-sectarian (Lutheran and Reformed) Pennsylvania Dutch have made special contributions "in the world." She also shows how the harsh commercialism "of the world" exploits all Pennsylvania Dutch.

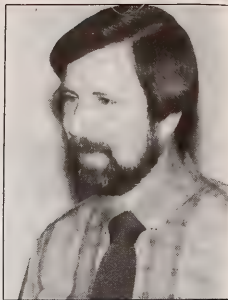
She has published extensively in the language of the Pennsylvania Germans. Her current research investigates the Pennsylvania German spoken in sectarian and nonsectarian Pennsylvania German communities.

Visiting scholar

Brian Cheers, lecturer in the School of Behavioral Sciences at James Cook University of North Queensland, Australia, will speak on "Social Support in Remote Areas of Australia" at 3:45 p.m. Wednesday, Oct. 17, in Room 124 Sparks at University Park.

Mr. Cheers is the author of numerous journal articles on rural social work in Australia and currently is completing a book on his research on the kinds of social support services needed by people living in isolated rural communities.

Currently a visiting scholar in Penn State's Social Work Program, he is co-teaching an international seminar on rural



Bernard Schultz will discuss "Leonardo da Vinci and the Mechanisms of Imagination" at 8 p.m. Oct. 17 in the Palmer Museum of Art.

social services and is collaborating on a research project on the structure of the social services in Pennsylvania's predominantly rural counties.

The talk, which is free and open to the public, is sponsored by the Social Work Program, the Department of Sociology, the Australia-New Zealand Studies Center, and the University Office of International Programs.

Museum lecture

Bernard Schultz, professor of art and chairperson of the Division of Art at West Virginia University, will discuss "Leonardo da Vinci and the Mechanisms of Imagination" at 8 p.m. Wednesday, Oct. 17, at the Palmer Museum of Art at University Park.

Counter to our 20th-century preoccupation with specialization, da Vinci's interests were broad. Dr. Schultz contends there are several common threads that link the diverse nature of his paintings, sculpture, anatomical illustrations and inventions.

Computers in music

Burt Fenner, professor of music, will discuss the use of computers in his composition of music at 10 a.m. Thursday, Oct. 18, in the Palmer Museum of Art at University Park. The lecture is part of the Careers in the Arts series sponsored by the museum.

One of the ways Professor Fenner uses computers is to define rhythmic patterns. "Computers are efficient in dealing with numbers," he says. "Rhythm and numbers are compatible; therefore, computers can assist the composer in fine-tuning patterns for their scores."

The lecture is free and open to the public.

Concert choir

The Penn State Concert Choir will perform in concert at 12:10 p.m. Thursday, Oct. 18. Please see "Arts" on page 7.

The arts at...

Altoona Campus

Fiber Expressions: Woven and Felted Surfaces, on display through Nov. 3 in the Sheetz and McAnahan Galleries at the Penn State Altoona campus, features woven and felted works created by Debra Anderson.

The galleries are open Mondays, Wednesdays, and Fridays from 9 a.m. to 5 p.m.; Tuesdays and Thursdays from 1 to 9 p.m.; and Saturdays from noon to 5 p.m. Visitors may park in the parking lot adjacent to the Arts Center.

Ms. Anderson explores textural contrast, color progression, rhythmic pattern, and bas-relief surfaces in the woven and felted works on display. Since her first fibers instruction in 1970, she has been fascinated with the variety of color mixtures and

textures that can be achieved by interlacing contrasting fibers.

A graduate of Millersville University, she earned an M.S. degree in art education from Penn State and an M.Ed. and M.A. from Indiana University of Pennsylvania. While studying at IUP, she taught classes in fibers, metals, and fine arts at the high school level and in community programs in Harrisburg, Carlisle, and Clearfield.

Beaver Campus

The Penn State Beaver Campus will present *The King and I*, the classic Rodgers and Hammerstein musical, at 8 p.m. Thursday, Oct. 25, and Saturday, Oct. 27, and at 2 p.m. Sunday, Oct. 28, in the Beaver High School Auditorium.

The play is being produced as part of a year-long celebration of the Beaver Campus' 25th anniversary. Campus faculty

members Harvey R. Kelly Jr., assistant professor of speech communication, and Emma S. Rocco, associate professor of music, are directing the musical, which is a joint effort of Beaver Campus Masquers, Chorale, alumni and community. A cast, crew and orchestra of more than 60 area students, campus faculty and staff, and tri-state residents will be featured.

Proceeds from *The King and I* will benefit the Harvey R. Kelly/Emma S. Rocco Arts and Communications Scholarship Fund at Beaver Campus. For more information or to obtain tickets by mail, call Beaver Campus at (412) 773-3898.

University Park Calendar

October 11--
October 21

Special Events

Thursday, October 11

Campus Bloodmobile, noon-5 p.m., White Lobby
Bach's Lunch, 12:10-12:30 p.m., Eisenhower Chapel, 12:10-12:30 p.m., Eisenhower
■ International Teleconferences, 2:30-4 p.m., 222 Bouck, Peter Randall, Univ. of Witwatersrand, on "Toward Post-Apartheid Society in South Africa."

Women's Studies, Six Feminist Scholars, 8 p.m., HUB Gallery, Deborah Gray White, Rutgers, on "The Cost of Club Work: The Price of Black Feminism."
Gallery Talk, 8 p.m., Palmer Museum of Art, Kahren J. Arbitman on "Fakes! The Experts Right and Wrong."

Friday, October 12

Geog. Coffee Hour, 4 p.m., 319 Walker, Andrew Kahren, Indiana Univ., on "The Role of Satellites in Synoptic Climatology."

Saturday, October 13

Shaver's Creek, Paper Making (grades 2-6), 1-3 p.m., Call 863-2000.

Sunday, October 14

Shaver's Creek, Fall Colors Walk, 2-4 p.m., Call 863-2000
Carnegie Hall Film Series, 7 p.m., *Now, Voyager* (1942), 9:15 p.m., *Sin in Paris* (1966).

Monday, October 15

■ Comp Lit Luncheon, 12:15 p.m., 101 Kern, Karl Josef Holgen, Universitat Erlangen-Nurnberg, on "Henry Vaughan's *Silks Scintillas*: Emblematic Tradition and Meaning."
■ German Dept. Film, *Edgar Reitz-Fest*, 8 p.m., 105 Chambers, *Himmel* (1984), two hours nightly for five consecutive nights.
Center for the Performing Arts, 8 p.m., Eisenhower Aud., The Pittsburgh Symphony.

Tuesday, October 17

Center for Women Studies, Brown Bag Lunch, noon-1 p.m., 120 Bouck, Paula Ann Fricken on "The Wounded Daughter and the Adult Children of Alcoholics (ACOA) Syndrome."
■ Fulbright informal lecture, 3:30 p.m., 222 Bouck, Dr. Adarsh Sharma, visiting Fulbright scholar, on "The Girl Child in India."

National Collegiate Alcohol Awareness Week, film/discussion, 7 p.m., HUB Gallery, "Calling the Shots: The Advertising of Alcohol."
■ Iranian Muslim Students' Assoc., talk, 7:30 p.m., 112 Kern, Zafar Bangash, *Present International*, on "Crises in the Persian Gulf."
■ Gallery Talk, 8 p.m., Palmer Museum of Art, Bernard Schultz, West Virginia Univ., on "Leonardo da Vinci and the Mechanisms of Imagination."

Thursday, October 18

Careers in the Arts, 10:11-10:30 a.m., Palmer Museum of Art, Burt Fenner on "Composing Music with Computers."
Bach's Lunch Concert, 12:10-12:30 p.m., Eisenhower Chapel, Penn State Concert Choir.
■ Brown Bag Luncheon, 12:10-1:08 p.m., Palmer Museum of Art, "Leonardo: To Know How to See."
Philip Murray Memorial Lecture, 7:30 p.m., Kellor Center, Richard Trumka, UMW president.

Friday, October 19

School of Music, 2:30 p.m., Recital Hall, Billy Taylor, jazz pianist.
Geog. Coffee Hour, 4 p.m., 319 Walker, Rudy



The lobby wall of the Washington State Convention and Trade Center in Seattle was designed by Angela Danadjieva, who will speak on "The Integrated Environment: Architecture and Landscape" at 5:30 p.m. Oct. 19 in 142 Walker Building.

Slingerland on "How Big Were Ancient Mountain Ranges?"

John R. Bracken Lecture, 5:30 p.m., 112 Walker, Angela Danadjieva, Danadjieva and Koenig Assoc., on "Recent Works."

School of Music, Medieval and Renaissance Entertainment, 8:30 p.m., Recital Hall

Saturday, October 20

Parents' Weekend, through Oct. 21.
■ "Tomorrow's Leonardos" Workshop 10 a.m.-2 p.m., Palmer Museum of Art.

Center for the Performing Arts, 8 p.m., Eisenhower Aud., Ramsey Lewis and Billy Taylor, jazz pianists

Sunday, October 21

Shaver's Creek, Halloween Trail Cast Training, 1-5 p.m., Call 863-2000.
Carnegie Hall Film Series, 7 p.m., 203 Willard, *The Wanderer* (1967); 9 p.m., *Last Year at Marienbad* (1961).

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5:30 p.m.; Saturday and Sunday, 5:00 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m. "Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubenstein.

Seminars

Thursday, October 11

Polymer Science, 9 a.m., 301 Steidle, John Fitzgerald, Eastman Kodak, on "Photochemical and Dynamic Mechanical Properties of Polyimide/Polyacrylate and Liquid Crystalline Polyacrylate Semi-IPNs"
Physics Colloquium, 3:30 p.m., 117 Osmond Lab, John L. Hall, National Institute of Standards and Technology, on "Precision Metrology Using New Ideas in Laser Technology."

Graduate Program in Ecology Seminar, 3:45 p.m., 110 Wartik, Robert Ross, U.S. Fish and Wildlife Service, on "The Evolution of Sex-Change Mechanisms in Fishes."
Gerontology Colloquium, 4:5 p.m., 106 Mitchell Leslie Morgan, Univ. of Maryland-Baltimore, on "Small Board and Care Homes for the Elderly: A Case of Social Marginality."

Friday, October 12

Ecology/Statistics, 11:15 a.m., 106 Wartik, Roger H. Green, Univ. of Western Ontario, on "Design and Analysis in Pollution Studies: Integrating Chemical, Physiological, and Ecological Information."

■ Political Science, seminar, 4 p.m., 124 Sparks Kurt von Meiternheim, Univ. of Pittsburgh, on "The Brazilian Voter in Democratic Transition."

Monday, October 15

Entomology, 3:45 p.m., 204 Patterson, William Telfer, Univ. of Pa., on "How Moths Make Eggs."

EPF, 4 p.m., 339 Davey Lab, Phil Nelson on "Topological Couplings and Contact Terms,"
History Colloquium, 4:30 p.m., Memorial Lounge, Eisenhower Chapel, Lu Ann Jones, Smithsonian Museum of American History, on "If I Must Say So Myself: Oral Histories of Southern Farm Women."

Tuesday, October 16

■ Polymer Science, 9 a.m., 301 Steidle, E. Oleynik, U.S.S.R. Academy of Sciences, on "Plastic Deformation and Mobility in Glassy Polymers." Also Oct. 18
Chemical Engineering, 2:45 p.m., Paul Robeson Cultural Center Aud., Carol Hall, North Carolina State Univ., on "Equations of State for Hydrocarbons and Polymers."

Chemistry Colloquium, 3:30 p.m., 55 Osmond Lab, Orville L. Chapman, UCLA, on "Curved Surfaces, Novel Materials and Odd Properties,"
Geosciences Colloquium, 3:45 p.m., 101 Steidle, Dave Twitchell, USGS Woods Hole, on "New Insights to Deep Sea Sedimentary Processes Revealed by Side Scan Sonar Surveys of the Eastern Leg of Mexico."

Graduate Program in Ecology, 3:45 p.m., 110 Wartik, Charles Walcott, Cornell, on "Show

Me the Way You Can Home Cues, Home Pigeons Use for Orientation
Condensed Matter Physics, 4 p.m., 339 Davey Lab, Roy Yu, on "The Electronic Properties of Ge Clusters."

■ German American Lecture, 4 p.m., W142 Pattee, Marion Loe Hutches, Bucknell, on "The Plant and Fancy Pennsylvania Dutch True Contributions and Fake Advertising"
Biology, 4 p.m., 8 Mueller Lab, Brenda Cooper, Univ. of Pa., on "Post-Operational Selective Pressure, on Fixed Embryo Abortion in Cryptanthus Flava."

Graduate Program in Nutrition, 3:30 p.m., 55 Osmond Lab, Ronald A. Dye, Northwestern Univ., on "Assessing Standards: Legal Liability and Auditor Watch."

Wednesday, October 17

Accounting and MIS Research Colloquium, 3:30-5:30 p.m., 333 Beam, Ronald A. Dye, Northwestern Univ., on "Assessing Standards: Legal Liability and Auditor Watch."

■ International Seminar on Social Policy and Social Services, 3:45-5 p.m., 124 Sparks Brian Cheers, James Cook Univ., on "Social Support in Remote Areas of Australia: Implications for Human Service Provision."

■ International Center for Sport/Exercise Science seminar, 5:30 p.m., Freese Room, Nittany Lion Inn, John Lucas, on "Tokyo: The LOC Vote for 1996 and Virginia Forthright on "Asian Games Scientific Conference in Beijing, China."

Thursday, October 18

Medieval Studies Colloquium, 3:30 p.m., 124 Sparks, E. Tomlinson, Univ. of Manchester, on "Men and Thengs in Anglo-Saxon England."
Physics Colloquium, 4 p.m., 55 Osmond Lab, Fae Guesey, Yale.
Gerontology Center Colloquium, 4:45 p.m., 106 Mitchell, Gerald McClean, on "Hereditry in the Environment in Aging: An Update on the SATSA Project."

Exhibits

Chambers Gallery

Undergraduate Prints and Books, Oct. 15-Nov. 30

HUB Galleries

Browsing Gallery, Art Alley Panels/Cases:
■ Biodiversity: Land and Water Management, through Oct. 27.

Formal Gallery

■ Turkish Carpets: Art and History, through Oct. 27

Palmer Museum of Art

Selections from the Permanent Collection.

The Presence of Absence: New Installations through Oct. 14.

■ The Machines of Leonardo da Vinci, through Nov. 4

Pattee Library

Rare Books Room:
■ Thomas Hardy, 1840-1928: a 150th anniversary exhibit, through Oct. 12

Body and Mind in the Middle Ages and the Renaissance, Oct. 10-Nov. 21

■ Biodiversity: How to Tell the Birds from the Flowers, Oct. 16-Nov. 21.

Zoller Gallery

Book of the Seven Lagoons, through Nov. 4.

■ Reflects an international perspective

Appointments

Roger A. Dagen has been appointed administrative director of the MBA Program in the Sméal College of Business Administration.

Mr. Dagen served for five years as manager of financial analysis and strategic planning with C-Cor Electronics Inc., State College. Prior to joining C-Cor, he was vice president for finance with Radio Semiconductor Inc., State College, from 1983 to 1985, and worked in several managerial capacities with Evans Products Co., Ridge/Capp Homes Division, Milesburg, from 1976 to 1983.

He holds a bachelor's degree in accounting and marketing and an MBA degree, both from the University of Minnesota.

Within the past year, the Penn State MBA Program was cited in *Business Week's Guide to the Best Business Schools* and ranked eighth among public-school programs in a survey conducted by *U.S. News and World Report*.

Jean M. Dance has been named development officer and coordinator of alumni affairs for the College of Arts and Architecture



Jean M. Dance

In her position she will direct the development efforts of the Friends of the Palmer Museum of Art, Pennsylvania Centre State, the Center for the Performing Arts and Music at Penn's Woods. She also will coordinate all alumni activities and

programs for the College of Arts and Architecture/Performing Arts Constituent Society.

Most recently, Ms. Dance served as director of Campaign and Constituent Relations in the Office of University Development. For 15 years, she taught in the Department of Theatre Arts at University Park, on three Commonwealth Campuses and at the State Correctional Institution at Rockview. She recently completed a new general education in the arts course, which covers painting, sculpture, dance, theater, film, music and architecture, for Independent Learning.

Ms. Dance has served on the executive board of the Friends of the Palmer Museum of Art for six years, two as president, and also has served on the board of the Arts and Architecture/Performing Arts Constituent Society for the last three years.

She earned her bachelor's degree in English from Bowling Green State University and her master's in theatre arts from Penn State.

John R. Saunders has been appointed executive assistant to Lawrence S. Cole.

center executive officer at Penn State Great Valley. His appointment is part of Penn State's pilot Executive Assistant Professional Development Program which provides professional work experience to minorities with career goals in higher education.

Mr. Saunders joined the University in 1987 as a Pennsylvania graduate fellow and instructor. Most recently, he served as human resources specialist at University Park.

His experience in higher education has included administrative and faculty positions with Antioch University, Philadelphia, and Bucks County Community College. Previously, he was corporate staff human resources manager for ARA Services Inc., a director of human resources in New York City, and marketing representative with Xerox Corp. in Austin, Texas.

Mr. Saunders currently is pursuing a doctoral program in higher education at Penn State. He earned a master's in administration from Antioch University and B.A. in history and political science from the College of Wooster, Wooster, Ohio.

College will honor alumni, faculty and staff

The College of Health and Human Development will hold its Health and Human Development Day Oct. 19 at University Park.

The event will highlight recent research in the college and include faculty departmental meetings, a tour of the college facilities, a student-to-student information session and recognition of outstanding alumni, faculty and staff. All events are free to the public.

Dean Anne C. Petersen will present a

State of the College address at 10 a.m. in 301 Hetzel Union Building. Other speakers include Charles Hosler, acting executive vice president and provost, senior vice president for research and dean of the Graduate School, and Richard Grubb, senior vice president and dean for the Commonwealth Educational System.

College awards for teaching, advising, research, alumni and staff achievement also will be presented.

A college fair, showcasing the college's

undergraduate majors and career possibilities for graduates, will be held between noon and 3 p.m. in the Paul Robeson Cultural Center. The student-to-student information session will be held from 2 to 4 p.m. in 101 Health and Human Development Building East. Students learn about student life and majors in health and human development. A tour of the college also will be available.

Carpoolers

'Lisa would like to carpool from the Lewistown/Milroy area to University Park. Work hours are 7:30 a.m. to 4:30 p.m. Call 863-3250.

Carpoolers are needed from Philipsburg to University Park. Work hours are from 7:45 a.m. to 4:45 p.m. Call **Debbie** at 865-4991 or **Diane** at 865-6528.

Faculty/Staff Alerts

Courses for staff

The Human Resource Development Center has openings in the following courses. Call the Center at 865-3410 for registration information.

Making Successful Presentations

Designed to help participants develop an effective speaking style for clear, dynamic public speaking; meets from 9 a.m. to noon Mondays, Oct. 15 and 22; cost: \$55.

Making Meetings Work

Designed to increase meeting productivity and to increase leadership and membership skills at meetings; meets Monday from 1 to 4 p.m. Oct. 22; cost: \$35.

Time Management

Recognize time management as a primary element in effective performance, and improve your own management of time; meets from 9 a.m. to noon Friday, Oct. 26 (staff), and from 1 to 4 p.m. (clerical); cost: \$35.

Intergroup Relations I

Increase your awareness of personal values

related to minority groups; meets from 9 a.m. to 4 p.m. Monday, Oct. 29; cost: none.

Employment Interviews

Designed to provide practical training and pointers to individuals who are called upon to interview applicants for employment vacancies; meets from 1:30 to 4 p.m. Tuesday, Oct. 30; cost: none.

Basic English Grammar and Mechanics

A refresher course that focuses exclusively on such basic principles of grammar and mechanics as correct punctuation, spelling, and agreement; meets for six sessions beginning Thursday, Nov. 1, through Dec. 13, from 9:30 a.m. to noon; cost: \$75.

Managing Your Boss

Allows you to take a good look at your and your boss' work styles, evaluate each others' assets, and then design techniques for you to successfully meet each others' most critical needs; meets from 1:15 to 4:30 p.m. Thursday, Nov. 1; cost: \$35.

Weight Watchers AT WORK

An eight-week session of the Weight Watchers AT WORK Program offered by the Faculty Staff Health Promotion Office will be held at University Park starting Tuesday, Oct. 23. Based on the familiar Weight Watchers Program, the AT WORK program has been specifically designed to meet the needs of working people. A trained Weight Watchers group leader will deal with topics such as: Coping with coffee breaks and candy machines, brown bagging with style, beating the after work syndrome, business travel and stress-related eating.

The group will meet weekly on Tuesdays from 11:45 a.m. to 1 p.m. in Room 101 McAllister Bldg. The total cost of the eight week program is \$68, which must be prepaid. Cash, check, Visa or MasterCard are accepted. Interested staff and faculty may obtain pre-registration forms and additional information by calling

the Faculty Staff Health Promotion Office at 865-3685. The deadline for pre-registration is Thursday Oct. 18.

Fleet operations

Due to recent increases we have all felt in gasoline prices, Fleet Operations finds it necessary to raise the per mile charge for University Fleet Vehicles by approximately 10 percent over the published Fleet rate schedule. This is the result of a 52 percent increase, since July, in the price paid by the University for gasoline.

The price of gasoline will continue to be monitored, with future adjustments made to vehicle rates charges as gasoline prices rise or fall. Fleet Operations appreciates your support and regrets the necessity for this action.

Applications sought for Mont Alto post

Applications and nominations are invited for the position of director of academic affairs at the Penn State Mont Alto Campus.

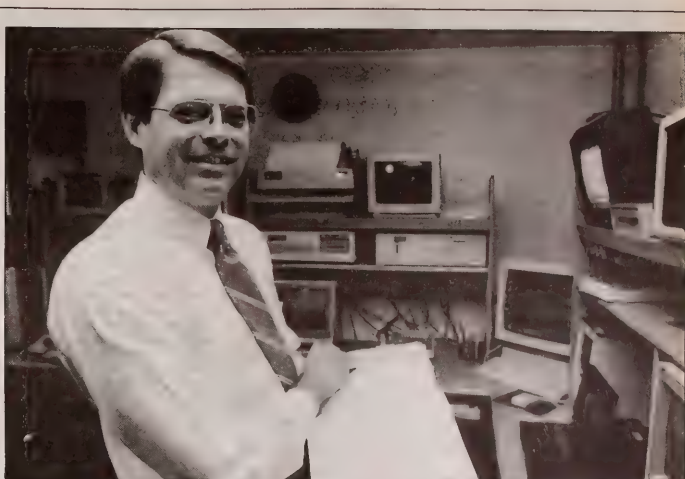
Qualifications include an earned doctorate, or equivalent, and a minimum of five years experience involving a combination of full-time teaching, leadership of faculty, research and scholarly pursuit.

Candidates also should possess strong interpersonal and communication skills and the academic qualifications of a tenured, senior ranked faculty member at Penn State. Experience in academic planning, faculty recruitment and development, budgeting, grantsmanship and faculty governance is desirable.

Send nomination and/or application, including resume, with the names of three references to Corinne A. Caldwell, campus executive officer, Department CHE, Penn State Mont Alto, Mont Alto, PA 17237. Application deadline is Nov. 30 or until a suitable candidate is selected.

Bookshelf

Jan S. Prybyla, professor of economics, is co-author with Franz Michael, Carl Linden, and Juergen Domes of *George Washington University and Saar University of China and the Crisis of Marxism-Leninism* which examines the effect on the economy and political system of China of the collapse of Marxist-Leninist ideology and institutional structures. The book is published by Westview Press, Boulder, Colo.



Penn State People

Jim McGinley

Jim McGinley, network systems coordinator in the Office of Telecommunications, joined the University staff two years ago after serving for seven years as telecommunications manager at Accu-Weather in State College. "Basically our job in the network center and operations department," he said, "is to trouble-shoot data connection problems on a day-to-day basis and to maintain and support connections between terminals and computers on the University's various networks." "I love my job," he added. "The pace is terrific. No two days are the same and we are working with a real good mix of up-to-date technology." (Photo: Greg Grileco)

Focus on the Arts

Continued from page 4.

in the Eisenhower Chapel at University Park. The 20-minute concert is part of the Bach's Lunch Concert series, sponsored by the School of Music and the University Lutheran Parish.

The group is directed by D. Douglas Miller of the School of Music faculty and includes 72 singers, both music and non-music majors.

Leonardo film

A film documenting the genius and accomplishments of renaissance master Leonardo da Vinci will be shown at 12:10 p.m. Thursday, Oct. 18, on the third floor of the Palmer Museum of Art at University Park.

The 58-minute film is being shown in conjunction with "The Machines of Leonardo da Vinci" exhibition, sponsored by IBM Corp., on display at the museum through Nov. 4.

Architect to speak

Architect Angela Danadjieva will present the second lecture in the 1990-91 Bracken

Lecture Series, sponsored by the Department of Landscape Architecture, at 5:30 p.m. Friday, Oct. 19, in 112 Walker Building at University Park.

Her lecture, "The Integrated Environment: Architecture and Landscape," will draw from more than 30 years of architectural experience in the United States and Europe.

Ms. Danadjieva came to the United States in 1967 as an associate and senior designer with Lawrence Halprin and Associates in San Francisco. In 1976, she co-founded the Danadjieva and Koenig Associates for the practice of all aspects of environmental design.

She holds a degree in architecture from the State University in Sofia, Bulgaria.

Organ and church music

The fourth annual Conference on Organ and Church Music will be held at University Park Friday, Oct. 19, and Saturday, Oct. 20.

The conference is a continuing education service of the College of Arts and Architecture and is designed for organists and choirmasters who want to perfect their art of hymn playing and expand their

knowledge of hymnody.

The conference will open with a public hymn festival led by John Ferguson at 8 p.m. Friday, Oct. 19, at Grace Lutheran Church on Beaver Avenue, State College. He will be assisted in the festival by a choir made up of Penn State students who are members of the University Choir, as well as members of the Grace Lutheran Church choir.

Mr. Ferguson, the Elliot and Klara Stockald Johnson professor of organ and church music and minister of music to the student congregation of St. Olaf College, Northfield, Minn., has earned national acclaim for his work as a church musician. He also will lead a workshop on improvisation during the conference.

W. Thomas Smith, executive director of the Hymn Society of America, will conduct two workshops, on developing a hymn repertory and on exploring your hymnal, at the conference.

For more information about the conference program, contact Jane Miller, 230 Music Building, 863-4403. To register, contact William Sterner, 410 Keller Conference Center, 865-9173.

Symposium scheduled

The Fourth Pennsylvania Symposium on Medieval and Renaissance Studies will be

held from 1 p.m. Friday, Oct. 19 to 12:30 p.m. Saturday, Oct. 20, in the Keller Conference Center at University Park.

The theme of this year's symposium is "Mind and Body in the Middle Ages and the Renaissance." The public is invited to attend.

Vivian Nutton, of the Wellcome Institute for the History of Medicine in London, will deliver the keynote address titled "The Anatomy of the Soul in the Sixteenth Century" at 1:30 p.m. Oct. 19.

Karl Josef Hoeltgen, head of the Department of English and American Studies at the University of Erlangen-Nuremberg, will give the second keynote address "Satire and Science in Robert Burton's *Anatomy of Melancholy*" at 9 a.m. Oct. 20.

The first performance in English of the French late Medieval farce "The Doctor's Prescription" will be presented at 8 p.m. Friday, Oct. 19, in the School of Music Recital Hall. Musical entertainment will be provided by the Nova Consort and Choral Society Madrigal Quartet.

Admission to individual events is free. Registration information is available from Jack Sinclair, conference coordinator, at 863-2035, and Gerhard F. Strasser, associate professor of German and comparative literature and symposium director, at 865-5481.

News in Brief

Meat Lab sale

The Penn State Meat Lab will not be conducting a sale on Friday, Oct. 19. The sale dates for the month of October will be Oct. 12 and Oct. 26, from 1:30 to 4 p.m.

Persian Gulf talk

Zafar Bangash, editor of *Gresnet International*, one of the largest English-language news magazines which chronicles the Islamic movement worldwide, will discuss "Crisis in the Persian Gulf" at 7:30 p.m. Wednesday, Oct. 17 in Room 112 Kern Building at University Park.

Mr. Bangash, educated at the University of London, is one of the founding members of the Muslim Institute in London. *Gresnet International*, a bi-weekly news magazine published in Toronto, Canada, specializes in Muslim world affairs.

The talk is being presented by the Iranian Muslim Students' Association.

Medieval arts demonstration

The Society for Creative Anachronism Inc., a non-profit, educational association dedicated to the re-creation of medieval times, will present a demonstration of selected arts and sciences on Sunday, Oct. 21, on the HUB lawn at University Park.

From 1 to 6 p.m., there will be an individual combat tourney; displays of period garb, weaving, spinning, calligraphy, and document illumination; music and dancing.

The demonstration is open to the public. For further information, contact Lisa May at 865-1851.

Call for program proposals

Program proposals are being accepted for presentations, workshops, and poster sessions for the 1991 Microcomputer Information Exchange Conference scheduled for March 15-16 at the Keller Conference Center at University Park.

The deadline to submit a proposal is Oct. 23.

The conference gives participants the opportunity to acquire and share up-to-date information about the use of microcomputers; it will be of interest to K-12 educators, school administrators, educators in higher education and business and home users. For a program proposal form and/or more information, contact Donna Ricketts, conference coordinator, 863-1743.

Books to Africa

Physicians at The Milton S. Hershey Medical Center are helping two universities in Africa receive modern medical books and journals.

John Dossett, associate professor of pediatrics, and the late Thomas V.N. Ballantine, who was chief of pediatric surgery, established a program to send medical publications to the University of Ghana in Accra, Africa, and to the School of Medical Science in Kumasi, Ghana.

The programs began in 1988 as separate efforts and were combined in

1989 to defray shipping costs. The Faculty Women's Organization at Hershey volunteered to pack the publications. To date, six tons of publications, including 8,300 journals and more than 700 textbooks, have been sent to the two facilities.

New publication

The supplement to the catalog titled *Media Restricted to Penn State* is now available from Audio-Visual Services. More than 100 programs are listed in this reference source, and each title is available for classroom use at no charge to University faculty members.

The publication has been mailed to University Park faculty and staff. Additional copies of the supplement and the original catalog are housed in 26 Willard Building and at Special Services Building off Fox Hill Road. To receive a catalog through campus mail, call 863-3103. At a Commonwealth campus, contact the campus instructional services specialist for more information.

Staff Vacancies

The following vacancies for positions classified as state exempt or State nonexempt have been listed with the University Employment Division for review. The brief statements for each vacancy are illustrative. They are not complete position descriptions. APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304). Applications for these staff vacancies will be accepted until Oct. 18. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment practices (FES-1) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

*01027, Assistant Coordinator of Contracts and Grants Management.

Senior Vice President for Research and Dean of the Graduate School, Sponsored Programs and Contracts Office, University Park Campus - Responsible to the contracts and proposals specialist for assisting in the administration of policies and procedures concerning the preparation and development of proposals and contracts for funding sponsored programs. Requires bachelor's degree or equivalent in business administration or related field plus two to four years of effective administrative experience. STAFF GRADE 7

*01028, Administrative Assistant, Senior Vice President for Research and Dean of the Graduate School, Materials Research Laboratory, University Park Campus - Responsible to the assistant director, Materials Research Laboratory for assisting in budgeting and accounting operations and for the supervision of laboratory

accounting clerical staff. Requires associate degree or equivalent in accounting plus two to four years of effective experience in a University accounting setting. STAFF GRADE 5

*01029, Applications Programmer Analyst, Computer and Information Systems, Library Computing Services, University Park Campus - Responsible to designated leader for conducting analyses of data processing and operational problems, determining detailed requirements to solve problems, formulating logical statements of systems problems, and preparing computer programs to satisfy desired end results. Requires bachelor's degree, or equivalent, in basic computer systems and one to two years of effective experience in computer programming and analyses. Experience with DEC VMS is preferred. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991

WITH EXCELLENT POSSIBILITY OF RE-FUNDING. STAFF GRADE 6

*01030, Technology Education Assistant, College of Engineering, Department of Nuclear Engineering, Limerick Community Education Program, Limerick, Pa. - Responsible to the program coordinator for assisting in the development, coordination, and presentation of various education programs on energy with an emphasis on nuclear energy and ionizing radiation. Requires bachelor's degree, or equivalent, in a science or related field, with up to one year of effective experience. Good communication skills required. THIS IS A FIXED-TERM POSITION FUNDED THROUGH DEC. 31, 1991, WITH POSSIBILITY OF RE-FUNDING. STAFF GRADE 5.

*01031, Clinical Nurse Specialist/CT Surgery, University Hospital, Nursing Administration, The Milton S. Hershey

Medical Center - Responsible to the director of nursing and/or assistant director of nursing for providing nursing expertise within one's clinical specialty. Functions in inpatient, outpatient and/or community settings. Requires master's degree in nursing plus one to two years of effective clinical experience in area of expertise and current licensure by Pennsylvania State Board of Nursing. Certification in specialty area is desirable. STAFF GRADE 7

*01032, Chief Physical Therapist, Student Services, University Health Services, University Park Campus - Responsible for directing all activities and functions of the Physical Therapy Department in University Health Services. Requires bachelor's degree, or equivalent, in physical therapy with current Pennsylvania licensure, plus two to three years of effective experience. STAFF GRADE 7

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7517.

William E. Campbell Jr., Editor
Deborah A. Benedetti,
Assistant Editor
Kathy Garman, Calendar

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Funds released for Mont Alto multi-purpose building

After nine long years, the Penn State Mont Alto Campus is getting a multi-purpose building.

Lt. Gov. Mark S. Singel has released funds for the new facility, which will house a gym, an auxiliary gym, weight room, racquetball courts, locker rooms, several classrooms and staff offices.

The building was first approved in December 1981 along with three other Penn State projects, all of which have been constructed, including a similar structure at the Penn State Delaware County Campus.

"Everyone at Mont Alto Campus including our Advisory Board, our local legislators and people at University Park have been working very hard on this," Corinne A. Caldwell, campus executive officer, said. "It has been a genuine bipartisan effort to make our multi-purpose building a reality. And now the day has finally arrived. This building will be a tremendous asset to the whole community."

Lt. Gov. Singel presented a ceremonial



Artist's illustration of new multi-purpose building at Mont Alto

check for \$2,793,000, the bulk of the estimated \$3,491,000 cost for the building. Initial funds already were released for

design and other starting costs.

For years, the campus has rented other facilities for basketball and physical

education, according to Ronald R. Keiper, director of academic affairs.

Please see 'Mont Alto' on page 3.

Parents' Weekend set for Oct. 20-21

Parents' Weekerid, which offers activities to familiarize parents, especially those of freshmen, with life at the University, will be held Oct. 20-21 at University Park.

On Saturday, Oct. 20, beginning at 9 a.m., parents can visit the Welcome Center in Ray Lounge of the Hetzel Union Building, to pick up maps, view displays and get information about the University, State College, and events and attractions in Centre County.

Among Saturday's activities are open houses at the Breazeale Nuclear Reactor and Weather Observatory from 10 a.m. to 1 p.m. Campus museums and the football Hall of Fame also are open. Jazz musicians Bill Taylor and Ramsey Lewis will perform Saturday night.

Information on religious services and Sunday bus tours are available from the Parents' Welcome Center in Ray Lounge at the HUB.

Old Main's Bell Tower also will be open Sunday from 1 to 4 p.m. Parents also can tour Pattee Library, Holuba Hall and the Center for Academic Computing in Boucke Building.

Statement from President Thomas

As president of The Pennsylvania State University, it is my responsibility to speak clearly and directly on the tone and direction I believe appropriate for the University community. It is a responsibility I accept with humility and deep commitment.

I have been asked by the University Student Advisory Board to clarify in writing my statements on the matter of adding sexual orientation to the University's non-discrimination statement. This comes in concert with the fact that members of the gay and lesbian community and others have expressed concern to me that gay and lesbian people are not protected adequately at Penn State.

As I have stated publicly on a number of occasions, I am personally committed to ensuring that no member of the University community be subjected to harassment, assault, or abuse. Members of the University community include all students, faculty, and staff. Persons perpetrating harassment, assault, or abuse against members of this community must and will be sanctioned swiftly and appropriately.

Further, I am committed to the tenet that University decisions with regard to promotion, tenure, or other reward systems must be based on data related to performance. This tenet has as its

foundation respect for the value of the individual as reflected in the documents which founded our nation; a nation which defines truth as knowledge that all of us are created equal with inalienable rights, among which are the preservation of life and liberty and the pursuit of happiness. This is an historic, honest, straightforward, and, in my view, still legitimate approach to demanding issues that must not be made insoluble by immersing them in symbolic and political complexities.

Toward that end, it is my intent to ask the Board of Trustees at its November meeting to add the following clause to Penn State's non-discrimination statement:

"In addition, The Pennsylvania State University will take appropriate measures to protect all of its students and all of its faculty and staff from harassment, abuse, or assault, and bases all educational and employment decisions on an individual's abilities and qualifications without reference to personal characteristics that are not related to academic ability or job performance."

Following is the University's non-discrimination policy as it would appear with the addition of the clause I have developed:

The Pennsylvania State University, in

compliance with federal and state laws, is committed to the policy that all persons shall have equal access to programs, admission, and employment without regard to race, religion, sex, national origin, handicap, age, or status as a disabled or Vietnam era veteran. IN ADDITION, THE PENNSYLVANIA STATE UNIVERSITY WILL TAKE APPROPRIATE MEASURES TO PROTECT ALL OF ITS STUDENTS AND ALL OF ITS FACULTY AND STAFF FROM HARASSMENT, ABUSE, OR ASSAULT; AND BASES ALL EDUCATIONAL AND EMPLOYMENT DECISIONS ON AN INDIVIDUAL'S ABILITIES AND QUALIFICATIONS WITHOUT REFERENCE TO PERSONAL CHARACTERISTICS THAT ARE NOT RELATED TO ACADEMIC ABILITY OR JOB PERFORMANCE. Direct all affirmative action inquiries to the Affirmative Action Office, 201 Willard Building, The Pennsylvania State University, University Park, Pa. 16802: (814) 863-0471.

Focus on Diversity

Diversity Opportunities Calendar

Saturday, Oct. 20

Office of Minority Faculty Development, 9 a.m. to noon. Paul Robeson Cultural Center. Workshop for junior faculty members. Ronald Filippelli and James B. Stewart will present: "Junior Faculty Survival workshop." Reservations: Leah Witzig, 863-1663.

Monday, Oct. 22

Women's Studies, 8 p.m., HUB Gallery. Allan Berube, historian/activist, on "Coming

Out Under Fire: Lesbian and Gay Men in World War II."

Tuesday, Oct. 23

Student Counselors/Project Growth, 7 p.m., 112 Osmond. Program: "James-AIDS Today."

Wednesday, Oct. 24

Groove Phi Groove/Paul Robeson Cultural Center, 7 p.m., Robeson Center. Film: "Autobiography of Miss Jane Pittman."

Thursday, Oct. 25

Penn State Erie, The Behrend College, 8 p.m., Reed Hall. William Raspberry, syndicated columnist, on "Perspectives on America."

Throughout October

Hindu and Jain Good over Evil holidays (exact dates dependent on lunar calendar).

October throughout November

Hindu and Jain Festival of Lights holidays (exact dates dependent on lunar calendar).

'Minority Voices'

"Minority Voices: Strangers in Our Midst"—a program presented at the 51st annual convention of the Speech Communication Association of Pennsylvania—will take place at the Paul Robeson Cultural Center at University Park from 7 to 8:30 p.m. Friday, Oct. 19.

The panel, to be chaired by Deborah F. Atwater, senior faculty mentor, Center for Minority Graduate Opportunities and Faculty Development, includes presentations on "Women's Voices" by Mary Kenny Badami, Bloomsburg State University; "Asian Voices" by Akira Miyahara, Seinan Gakuin University and Fellow of the East-West Center, and "Black Voices" by James B. Stewart, vice provost at Penn State. A response will be delivered by Robert T. Oliver, professor emeritus and former department head of speech communication at Penn State and Fellow of the East-West Center.

Panelists will discuss issues involving women, gay and lesbian people, Asian business people interacting with Americans, and African-Americans. The public and University community are invited to attend.

African-American history highlights program

African-American/Black-American history through the arts of dance, theater and voice will highlight "Revelations" at 7 p.m. Friday, Oct. 19, in the White Building Dance Theatre at University Park.

Nommo, which is Swahili for "plant a seed," is an African-American performing arts group sponsored by the Paul Robeson Cultural Center. The program includes a poem by Langston Hughes, titled "African Fragments," and "A Bridge to my Children" written by Nommo's theater director Kim

Kendricks, as well as two selections from Sweet Honey and the Rock, "We All... Everyone of Us" and "We Are Whole," and "Sister" from the movie "The Color Purple."

Dance work by Myrna Munchus-Bullock and Stephanie Johns include traditional African dances and original pieces from the choreographers. "Threads" is a repertoire of two traditional pieces, "Fanga" and "Salimba," restaged by Ms. Munchus-Bullock and several contemporary Black

modern dances, including "Lament," "Motherless Child," "Many Rains" and "Soba." "Fire Dance" and "Homecoming," choreographed by Ms. Johns, Nommo's president, also will be performed.

Guest artists include Master Drummer Jumble Gilliam of the Afro-One Dance, Drama and Drum Theatre of Willingboro, N.J., leading the drum ensemble; Don Berinato of the Earthtones; and Aaron Rosenberg of Penn State.

Faculty/Staff Alerts

Flexible benefits

More than 7,500 faculty and staff members have discovered how to save money while contributing to the cost of healthcare and life insurance. They are taking advantage of the **Contribution Conversion** option available through the Employee Benefits Division.

Contribution Conversion results in

faculty and staff contributions for University-provided healthcare benefits and up to \$50,000 of group life insurance coverage to be converted from an after-tax deduction to a pre-tax deduction. The resulting tax savings can be considerable. For example, someone with \$48,000 of life insurance selecting family coverage in medical/dental/vision healthcare benefits

will (depending upon their tax bracket) eliminate between \$112.39 and \$176.90 in federal income tax and social security payments in 1991.

Contribution Conversion, introduced in January 1989, is just one of three tax-saving benefits all regular full-time faculty and staff may take advantage of through the University's benefits program. Two flexible spending accounts were introduced last October as additional benefit options.

With a Health Care Reimbursement Account, a faculty or staff member can set aside up to \$2,000 on a pre-tax basis from which reimbursements may be obtained for out-of-pocket medical, dental and vision care expenses. Out-of-pocket expenses typically consist of deductibles, copayments, or charges not covered or in excess of plan maximums.

The third option is the **Dependent Care Reimbursement Account**. Pre-tax salary dollars placed in a Dependent Care Reimbursement Account are used to reimburse up to \$5,000 in expenses such as for baby-sitting and day care centers that allow people with qualified dependents to go to work. This option is an alternative to the Child and Dependent Care Tax Credit available when filing the federal income tax return.

The annual election period for the three tax-saving flexible benefit options will take place during the month of November.

Election forms are due in the **Employee Benefits Division** no later than **Nov. 30**. Contribution Conversion continues from year-to-year without any action necessary

by the participant. However, both reimbursement accounts require an annual election form to be submitted during the annual election period for participation to continue. Questions should be directed to Ronald R. Rohde, Employee Benefits Division, 865-1473.

Nittany Lion Inn parking

On Oct. 17, the Nittany Lion Inn parking lot was closed due to the start of construction renovations at the Inn.

All parking adjacent to the Inn has been suspended, although access for registration and drop off will be maintained through the main entrance, with access via Atherton Street. Parking for overnight guests of the Inn will be accommodated in the Inn Overflow lot near the Keller Conference Center. Permits will be issued at guest registration.

Parking for meal and meeting guests will be provided in the upper level of the Parking Terrace. Permits for these guests will be issued from the parking booth directly in front of Keller Conference Center. Access is via North Allen Road by Business Administration Building.

Limited parking for faculty and staff attending functions at the Inn also may be accommodated in the upper level of the Parking Terrace. Permits issued from the parking booth in front of Keller will be required to authorize free parking. A parking fee of 80 cents per hour will be charged for those without validation, including visitors and faculty/staff.

VADD coverage

Since 1964, the University has offered a voluntary plan for accidental death and dismemberment insurance to all regular faculty and staff members. The plan provides optional amounts of insurance ranging from \$10,000 to \$300,000 and also provides accidental death and dismemberment coverage for dependents.

The month of October is the period when membership or coverage in this plan may be changed. One or more of the following actions may be taken during October: change the dollar amount of insurance coverage, change from individual coverage to family coverage or vice versa, enroll in the plan as a new member, or withdraw from the plan.

To accomplish any of the above changes, obtain a VADD change form from your personal representative or director of business services, complete it and send it to the Employee Benefits Division, 205 Rider Building, by Oct. 31. Changes will become effective Nov. 1.

No action is needed to continue your current coverage.

Because of continued good experience in the plan, the following rates will remain in effect:

Principal Sum	Employee Only		Employee-Dependents	
	Bi-weekly	Monthly	Bi-weekly	Monthly
\$ 10,000	\$.14	\$.30	\$.23	\$.49
25,000	.35	.75	.57	1.23
50,000	.69	1.50	1.13	2.45
100,000	1.38	3.00	2.26	4.90
150,000	2.08	4.50	3.39	7.35
200,000	2.77	6.00	4.52	9.80
250,000	3.46	7.50	5.65	12.25
300,000	4.15	9.00	6.78	14.70

Questions about VADD may be referred to Employee Benefits Division, 205 Rider Building, phone 865-1473 (Network: 475-1473).

University Park Campus is cited in national ranking

Penn State's University Park Campus has been ranked in the first quartile of national universities in *U.S. News & World Report's* annual ranking of "America's Best Colleges."

"We are pleased that Penn State has received this recognition," President Thomas said. "We will be working diligently to maintain and improve the quality of the University's academic programs for our undergraduate and graduate students."

In its Oct. 15 issue, *U.S. News* ranked 204 national universities on a combination of such items as academic reputation, average SAT scores for entering freshmen, freshmen ranking in the top 10 percent of their high school class, the acceptance rate

for applicants, the percentage of faculty with doctorates, student-faculty ratio and total spending per student.

The top half of the first quartile was judged to be the top 25 national universities, beginning with Harvard and ending with the University of Rochester. Only five public universities were ranked in this top group: the University of California at Berkeley and at Los Angeles, the University of Virginia, the University of North Carolina at Chapel Hill and the University of Michigan.

Michigan, a member of the Big 10, was joined in the top 25 by Northwestern University, the only private school in the Big 10.

Penn State, the newest member of the

Big 10, was ranked with 26 other schools in the "best of the rest" of the first quartile. These schools, listed alphabetically with no explicit ranking, include three other Big 10 universities: Illinois, Purdue, and the University of Wisconsin at Madison. Also included are Brandeis, Case Western Reserve, William and Mary, Georgia Tech, New York University, Rensselaer, Notre Dame, Tufts, Vanderbilt, several University of California campuses, and others.

Ranking among the 51 schools in the second quartile are Penn State's sister state-related universities, the University of Pittsburgh and Temple University. The second quartile includes four campuses of the State University of New York (SUNY), three University of California campuses,

and five Big 10 universities: Ohio State, Indiana University at Bloomington, Michigan State, Iowa, Minnesota.

Quartiles three and four contain the additional 102 national universities. Earlier this year, Penn State's graduate programs in engineering and business administration were ranked in the *U.S. News* survey of "America's Best Graduate Schools."

The MBA program of the Smeal College of Business Administration was ranked 20th overall and eighth among the public universities. The College of Engineering was ranked 18th overall and 10th among the publics.

Mont Alto

Continued from page 1.

"We always had to transport students, which was costly both financially and in students' time," Dr. Keiper said, pointing to the use of gymnastics at the old Mowery Elementary School in Quincy, the Quincy

United Methodist Home, the former East Junior High School in Waynesboro, the Waynesboro YMCA and Wilson College in Chambersburg.

The new building will be of masonry construction with a steel-framed roof and will have a red brick exterior to match buildings on the campus.

Environmental lectures are planned

Clean water and water purification processes are themes of the 1990 Kappa Environmental Engineering Seminar Series sponsored by the Department of Civil Engineering, Oct. 19 and Nov. 5 at University Park. The lectures are free to the public.

Internationally recognized experts on environmental engineering issues participate in the Kappa Seminar series each year.

Michael Collins, assistant professor of environmental engineering at the University of New Hampshire, will speak

on "Modifications to the Slow Sand Filtration Process to Improve Treatment Performance" at 3:35 p.m. Friday, Oct. 19, in 127 Sackett Building.

Jan G. Janssens, technical director of the International Water Supply Association, an organization of more than 100 member countries, will discuss the European experience in the treatment of water and wastewater at 3:35 p.m. Monday, Nov. 5, in 204 Sackett Building.

The Kappa Seminar series was initiated in 1988.

Water fountains undergo testing

The Office of Physical Plant currently is testing Halsey Taylor water fountains as a result of a Consent Order Agreement by the Consumer Product Safety Commission between the manufacturer, Halsey Taylor, and the Environmental Protection Agency.

A possible problem involving lead linings in the storage tanks of some Halsey Taylor water fountains manufactured prior to April 1979 has been identified. The lead content in the water may exceed prescribed standards, particularly if the fountain is not used for a period of time.

Since water from a refrigerated cooler represents a small part of most people's water consumption, the health risks are

minimal. Nevertheless, the University is committed to removing any possible risk immediately. All 150 water fountains at University Park and other locations are being tested, and the refrigerated water fountains will be replaced, as appropriate.

The Office of Physical Plant asks for your cooperation for any inconvenience caused during this process. The tap water in all buildings remains safe, since the problem, if any, exists only in the fountain storage tanks.

Again, this does not represent an immediate health hazard, but is a precautionary measure to insure quality drinking water.

At Penn State Harrisburg

Alumni Fellow visit scheduled

Ralph John Papa, president and chief executive officer of Mellon Bank Central, has been named an Alumni Fellow at Penn State Harrisburg. He will visit the campus Oct. 22 to 26.

The Alumni Fellow award is presented by the Alumni Association in cooperation with Penn State Harrisburg.

He completed a bachelor's of social science degree at Penn State Harrisburg in 1969 after earning his associate degree from Robert Morris College. He also studied at the Stonier Graduate School of Banking, Rutgers University.

"Capitol Campus, now Penn State Harrisburg, is where I got my head on straight. I grew up a lot there," Mr. Papa said.

Penn State Harrisburg was two years old when Mr. Papa arrived, and he was a member of the College's second graduating class. He is the sixth Penn State Harrisburg graduate to receive the Alumni Fellow award.



Ralph John Papa

Criteria developed for diversity courses

Criteria for developing diversity-focused and diversity-enhanced courses to meet the University's cultural diversity requirement are now in place.

Speaking at the Oct. 9 meeting of the University Faculty Senate, Felix L. Lukacz, chair, Committee on Undergraduate Instruction, and Louis F. Geschwindner, chair, Committee on Curricular Affairs, reported that their steering committee had developed the implementation procedures for the requirement.

The steering committee, chaired by Mary Dupuis, was formed from members of both standing committees and also included non-Senators. Working during the summer, members developed the criteria for evaluating diversity course proposals. Forms and other information relating to the course proposal process will be available soon.

In other action, the Senate received informational reports on faculty salaries, the status of undergraduate education and the activities of the Faculty Rights and Responsibilities Committee.

Gordon A. Hamilton, chair, Committee on Faculty Affairs, presented the first of two reports on faculty salaries. The second report, planned for a future meeting, will provide a statistical analysis of University

salaries by gender, location and minority status.

The Oct. 9 report compared 1989-90 salaries with those of members of the Association of American Universities and the Northeastern American Association of University Professors and with Big 10 and Pennsylvania institutions. The Office of Planning and Analysis assisted with the report.

"Faculty salaries and salary increases at Penn State have, in general, kept pace with the average of those at comparable institutions over the past few years," Dr. Hamilton said.

C. Gregory Knight, vice provost and dean for undergraduate education, reported on the activities of the Office of Undergraduate Education during the past year.

Dr. Knight noted that the Science, Technology and Society Program will be transferred to the College of Engineering and that the Black Studies Program is preparing an undergraduate major and working toward department status.

Paul R. Shellenberger, chair, Faculty Rights and Responsibilities Committee, reported on petitions received from faculty members during 1989-90.

Focus on the arts

The arts on Channel 3

WPSX-TV, Channel 3 will air two spectacular music specials back-to-back tonight starting with *An Evening with Andy Williams* at 7:30 p.m. and *Echoes of the Big Bands with Merv Griffin* at 9:30 p.m.

In a concert taped at London's Royal Albert Hall in May of 1978, Andy Williams sings "Moon River," "Days of Wine and Roses," "The Impossible Dream," and more, accompanied by the London Symphony.

Goodman, Miller, Calloway, the Dorsey, and Basie — just some of the names that conjure up memories of an era when swing was king.

A special tribute also is paid to the fabulous big band singers including Helen Forrest, Dick Haymes, Bob Eberly and Helen O'Connell. The stars are seen in film clips from the 1930s and 1940s as well as from some more recent performances.

Kern exhibit

An exhibition of hand-made jewelry by Christine Douglas is on display through Oct. 30 in the Kern Galleries at University Park.

Her designs feature unusual combinations of metal, crystals, feathers and other items. Some pieces include semi-precious stones believed to hold certain spiritual qualities. Some of her recent earring designs are constructed of rifle cartridge cases or fishing lures.

Ms. Douglas, who has been designing jewelry since childhood, operates Douglas Design Studio.

Craft classes

The HUB Craft Center, located in 312 Hetzel Union Building at University Park, is accepting registration for its second session of craft classes which start Oct. 20. The classes last from four to six weeks.

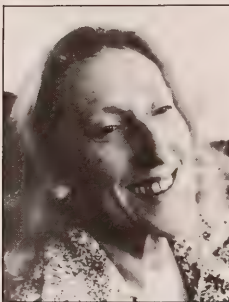
The Craft Centre offers a diverse selection of instruction for both adults and children. The children's classes are weekdays — after school and Saturdays. The adult classes are weekday evenings. There will be several workshops offered on Saturdays as well.

Classes offered include weaving, pottery, stained glass, basketry, watercolor, drawing, and quilting, plus a workshop on pottery decorating techniques. For schedule information, contact Isabel Farrell in the HUB Craft Centre at 312 HUB, or call 863-0011.

Folk singer in concert

Sympathy for the social underdog permeates the music of Martyn Wyndham-Read, an English singer of Australian folk songs, who will perform at University Park at 8 p.m. Saturday, Oct. 20. His concert, *On the Kern Graduate Commons*, is sponsored by the University's Australia New Zealand Studies Center.

Serving as master of ceremonies will be Dr. Robert Doyle, instructor of American studies at Penn State and a collector as well



Author Nina Cassian

as performer of folk music.

Mr. Wyndham-Read, a resident of Australia for seven years, has performed extensively in Australia and came previously to Penn State in 1988. He will present a collection of traditional ballads such as "Waltzing Matilda" and "Wild Colonial Boy," which preserve the flavor of the Australian bush and outback.

Many of the songs are adaptations of English or Irish folk melodies with Australian lyrics.

Chambers exhibit

An exhibition of prints and books done by undergraduate students from the printmaking and papermaking areas of the School of Visual Arts is on display now through Nov. 30 in Chambers Gallery at University Park.

Students from beginning, intermediate and advanced classes submitted works to be judged by visual arts faculty members Bruce Shobaken, Robin Gibson and Chuck Cave.

Chambers Gallery is located on the second floor of the Chambers Building and is open daily, Monday through Friday.

Jazz pianists

Two legendary jazz pianists, Ramsey Lewis and Billy Taylor, will team up in concert at 8 p.m. Saturday, Oct. 20, in Eisenhower Auditorium at University Park. The event is presented by the Center for the Performing Arts.

Mr. Lewis and Dr. Taylor, known for their own stylized renditions of classics, take turns playing solo and backup for each other, blending their individual styles into one harmonious sound.

The musicians have been touring together since 1986, but they have known each other for more than 30 years. They decided to join forces after each had successfully followed independent musical paths.

Mr. Lewis is best known for his association with the Ramsey Lewis Trio. He won two Grammy awards while with the trio. Since the '60s, he has collaborated

with Stevie Wonder and other performers.

Dr. Taylor is a well-known jazz authority with a doctorate in education from the University of Massachusetts. An accomplished pianist, composer, arranger, conductor, author and educator, he is considered one of the most respected and articulate spokesmen for jazz, which he calls "America's Classical Music."

As part of the new School of Music lecture series "Music Today," Dr. Taylor will hold a discussion at 2:30 p.m. Friday, Oct. 19, in the Recital Hall of the Music Building at University Park. His lecture, "As I See It," is the first of four in the series.

Concert tickets are available through the Eisenhower Auditorium Ticket Center, open Monday through Saturday, 8:30 a.m. to 4:30 p.m.

Holiday card

Penn State holiday cards may be ordered in advance at a special price from the Penn State Bookstore on campus. The card's message is: "Season's Greetings and Best Wishes for a Happy New Year."

By purchasing cards in quantities of 50 or more, departments will pay 35 cents per card, the net price (no further departmental discounts apply). Boxes of 10 Penn State holiday cards also will be available in the Bookstore.

Departments are encouraged to place orders early, using a standing order number or limited order. To receive cards by Nov. 16, the ordering deadline is Oct. 19.

For more information, contact Shirley Baney or Stephanie Luther at 863-2512 or 863-3558, or Elizabeth Wilson at 863-3250.

Museum exhibition

An exhibition that documents the ecological condition of a Yugoslavian river basin overrun by human development and pollution will open Oct. 21 at the Palmer Museum of Art at University Park. It will remain on display through Dec. 21.

The exhibition, titled "The Save River: A New History," is a production of Newton and Helen Mayer Harrison and uses

photographic panels, maps and narrative text to expose the plight of the Save River basin—the second largest alluvial wetland of its type in Europe.

The river's floodplain is threatened by farms and settlements, while the river itself is being polluted by paper mills, coal mines and nuclear energy plants.

The Harrisons, both artists and professors at the University of California at San Diego, have another exhibit, "The Book of the Seven Lagoons," which documents their work with a species of Sri Lankan crab, currently on display in the Zoller Gallery through Nov. 4.

Both of the Harrisons' exhibitions are free and open to the public.

Classics Colloquia

Matthew S. Santirocco, chairman of the Department of Classical Studies at the University of Pennsylvania, will present a lecture titled "Poets on the Palatine" in the Classics Colloquia series at 4 p.m. Tuesday, Oct. 23, in the Women Studies Lounge, 12 Sparks Building, at University Park.

Dr. Santirocco is the author of *Unity and Design in Horace's Odes* (Chapel Hill, 1986) and numerous articles on Roman poetry. His current research focuses on the "poetics of patronage" in Roman literature of the first century B.C. His lecture is free and open to the public.

Garden art lecture

John Dixon Hunt will give the lecture "Imitation, Representation and the Study of Garden Art" at 8 p.m. Tuesday, Oct. 23, in Room 112 of the Walker Building at University Park.

The lecture is part of the "Art of Interpreting" series sponsored by the Department of Art History and the Institute for the Arts and Humanistic Studies. Dr. Hunt is the director of the landscape architecture division of Dumbarton Oaks, Harvard University's Center for Byzantine Studies in Washington, D.C.

Soprano in concert

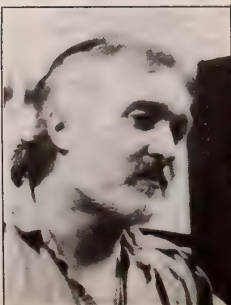
Soprano Suzanne Roy, associate professor of voice and vocal literature, will perform in concert at 8 p.m. Wednesday, Oct. 24, in the Recital Hall of the Music Building at University Park. Pianist Steven Smith, professor of music, will accompany her.

The program will include the first-ever University Park performance of "Das Buch der haengenden Gaerten" by Arnold Schoenberg. The song cycle was written in 1908 and set to poems by Stefan George. Also included are Robert Schumann's song cycle, "Frauenliebe und -leben," and six of Johannes Brahms 48 folk song settings.

Trombone quartet

The Avant-Garde Trombone Quartet, a group of undergraduate trombone majors from the School of Music, will perform in concert at 12:10 p.m. Thursday, Oct. 25, in the Eisenhower Chapel at University Park.

Please see 'Arts' on page 7.



English folk singer Martyn Wyndham-Read.

University Park Calendar

October 18--
 October 28

Special Events

Thursday, October 18

Careers in the Arts, 10:11:30 a.m., Palmer
 Museum of Art. Burt Fenner on "Composing
 Music with Computers."

Bach's Lunch Concert, 12:10-12:30 p.m.,

Eisenhower Chapel. Penn State Concert Choir.

■ Brown Bag Lunch/ film, 12:10-1:08 p.m.,

Palmer Museum of Art. "Leonardo: To Know
 How to See."

Student Activities/Religious Affairs, 7 p.m., HUB
 Fishbowl. Dr. Lloyd Steffen, Lehigh Univ., on
 "America on Drugs: Reclaiming the Moral
 Model."

Friday, October 19

School of Music, 2:30 p.m., Recital Hall. Billy
 Taylor.

Geog. Coffee Hour, 4 p.m., 319 Walker. Rudy
 Stingerland on "How Big Were Ancient
 Mountain Ranges?"

John R. Bracken Lecture, 5:30 p.m., 112 Walker.
 Angela Danadjieva, Danadjieva and Koenig
 Assoc., on "Recent Works."

■ School of Music, Medieval and Renaissance
 Entertainment, 8:30 p.m., Recital Hall.

United Mine Workers Centennial Conference, 9
 p.m., Keller Aud. Hazel Dickens and Tom
 Juravich, coal miners' music and songs. Free.

Saturday, October 20

Parents' Weekend, through Oct. 21.

■ "Tomorrow's Leonards" Workshop, 10 a.m.-2
 p.m., Palmer Museum of Art.

Center for the Performing Arts, 8 p.m.,

Eisenhower Aud. Ramsey Lewis and Billy
 Taylor.

Sunday, October 21

Shaver's Creek, Halloween Trail Cast Training, 1-
 5 p.m., Call 863-2000.

Carnegie Hall Film Series, 7 p.m., 203 Willard.
The Windmiller (1967); 9 p.m., *Last Year at*
Marienbad (1961). Free.

Monday, October 22

■ Comp. Lit. Luncheon, 12:15 p.m., 101 Kern.
 Vivian Nulton, Welles Institute for the
 History of Medicine, on "Investigating the
 Case: From Hippocrates to Sherlock Holmes."

■ Spanish Dept., 8 p.m., 101 Kern. Luis Rafael
 Sanchez, Univ. of Puerto Rico, on "El escritor
 puertorriqueno entre dos mundos."

Contemporary Scholarship on Lesbian/Gay Lives,
 lecture, 8 p.m., HUB Assembly Room. Allan
 Berube on "Coming Out Under Fire: Lesbians
 and Gay Men in World War II."

Tuesday, October 23

Talk, 8 p.m., Kern Aud. Helen and Newton
 Harrison on "Human Ecosystem: Crossing
 Disciplinary and Geographical Boundaries."
 School of Interpreting, 8 p.m., 112 Walker. John
 Dixon Hunt, Dumbarton Oaks, on "Imitation,
 Representation and the Study of Garden Art."

Wednesday, October 24

■ Reading, 8 p.m., Zoller Gallery. Helen and
 Newton Harrison on "Book of Seven Lagoons."
 School of Music, 8 p.m., Recital Hall. Suzanne
 Roy, soprano.

■ URTIC, student preview, 8 p.m., Playhouse
 Theatre. "Merchant of Venice." Also Oct. 25.

Thursday, October 25

Bach's Lunch, 12:10 p.m., Eisenhower Chapel
 Avant-Garde Trombone Quartet.

Shaver's Creek, Pumpkin Carving, 7-9 p.m., Call
 863-2000.

Friday, October 26

Shaver's Creek, Halloween Trail, 7-10 p.m. Also
 Oct. 27, and Oct. 28, 6-9 p.m. Call 863-2000.

■ URTIC, 8 p.m., Playhouse Theatre. "Merchant
 of Venice," through Nov. 3.

School of Music, 8 p.m., Recital Hall. Penn State
 Philharmonic.

Saturday, October 27

Day of Dance, 9 a.m.-4:30 p.m., 132 White Bldg.
 Alumni panel discussion (morning), dance
 classes (afternoon).

Center for the Performing Arts, 8 p.m., Schwab
 Aud. Emerson String Quartet.

Sunday, October 28

Carnegie Hall Film Series, 7 p.m., 203 Willard.
Mildred Pierce (1945); 8:45 p.m., *Moulinrou*
Femme (1966). Free.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5:30-
 6 p.m.; Saturday and Sunday, 5-6 p.m.; Morning
 Edition, Monday-Friday, 6-8 a.m.; Weekend
 Edition, Saturday and Sunday, 11 a.m.-1 p.m.

"Odyssey Through Literature," 12:30-3 p.m.
 Wednesdays, with S. Leonard Rubenstein.

"The Sound of Music," 3-4 p.m., 203 Willard.
Mildred Pierce (1945); 8:45 p.m., *Moulinrou*
Femme (1966). Free.

Conferences

Continuing Education

Keller Building

Oct. 21-26, Communications Workers of
 America-Local 13000. Richard Hindle, chair.
 Norm Lathbury, coordinator.

Oct. 22-23, Social Structure and Caregiving,
 Family and Cross-National Perspectives. K.
 Warner Schaie, chair; Barb Impelitteri,
 coordinator.

Oct. 23-24, Motor Fleet Accident Investigation,
 Eric Loop, coordinator.

Oct. 22-26, Underwater Acoustics and Signal
 Processing, Allan Stuart, chair; Kathy Karchner,
 coordinator.

Oct. 23, Pennsylvania Bar Institute. Shirley
 Hendrick, chair; Jerri Milom, coordinator.

Oct. 23-25, Probation and Parole Course. Bruce
 Bullington, instructor; Kathy Karchner,
 coordinator.

Oct. 24-26, Motor Fleet Advanced Accident
 Investigation. Eric Loop, coordinator.



An exhibition on "The Save River: A New History" by Newton and Helen Meyer Harrison will open Oct. 21 in the Palmer Museum of Art.

Oct. 24-26, Cooperative Vocational Education
 Program. Frederick Welch, chair; Chuck Herd,
 coordinator.

Oct. 26-27, The Spectroscopic Survey Telescope:
 Science and Instrumentation. France Cordova,
 chair; Donna Ricketts, coordinator.

Oct. 26-27, Lady Lion Basketball Coaches Clinic.
 Rene Portland, chair; Chuck Herd, coordinator.

Oct. 26-28, Peer Tutoring: Collaboration and
 Change. Ronald Maxwell, chair; Jerri Milom,
 coordinator.

Oct. 27-28, Psychological Aspects of
 Architectural Lighting. Craig Bernecker, chair;
 Norm Lathbury, coordinator.

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Trapping, Channeling."

Wednesday, October 24

Philosophy/Physics Colloquium, 4 p.m., 53
 Osmond Lab. Dr. Francis De Gaudi, Centre
 National de Recherche Scientifique, on
 "Universal Gravitation and Mathematical
 Analysis: Newton vs. Huyghens."

Thursday, October 25

Polymer Science, 9 a.m., 301 Steidle. Alan
 English, Dupont, on "Molecular Dynamics in
 Crystalline Polyamides."

Physics Colloquium, 3:30 p.m., 55 Osmond Lab.
 Alfred Mueller, Columbia, on "QCD at High
 Energies."

Computer Science Colloquium, 4 p.m., 325
 Whitmore Lab. John R. Gilbert, Xerox, on
 "Preordering for Sparse Matrix Factorization."

Friday, October 26

Entomology, 3:45 p.m., 204 Patterson. Mandy
 Leventhal Pajenski on "The Effect of European
 Corn Borer on Nutrient Partitioning in Corn."

Exhibits

Chambers Gallery

Undergraduate Prints and Books, through Nov.
 30

HUB Galleries

Browsing Gallery, Art Alley Panels/Cases:
 ■ Biodiversity, Land and Water Management
 through Oct. 27

Formal Gallery:
 ■ Turkish Carpets: Art and History, through
 Oct. 27

Palmer Museum of Art

■ The Machines of Leonardo da Vinci, through
 Nov. 4

■ The Save River: A New History, through Dec.
 21

Pattee Library

Rare Books Room:
 ■ Body and Mind in the Middle Ages and the
 Renaissance, through Nov. 21

■ Biodiversity: How to Tell the Birds from the
 Flowers, through Nov. 21

Zoller Gallery

■ "Book of the Seven Lagoons," through Nov. 4

■ Reflects an international perspective

Faculty and staff members honored with awards

Staff award

Judy Aronson, Division of Undergraduate Studies (DUS) program coordinator and adviser for the College of Arts and Architecture, has been named the first recipient of the Arts and Architecture/Performing Arts Alumni Constituent Society staff award. The award was established by alumni to recognize outstanding contributions and services to the college.

Ms. Aronson has been the DUS adviser for the college since 1987. In that capacity she advises undergraduate students about their majors and occupational plans.

Ms. Aronson joined the University staff in 1974 in the Office of Continuing Education. She has served as a DUS academic adviser since 1982 and as a freshmen adviser/counselor since 1983.

She holds a bachelor of science degree in art education from Skidmore College and a master of education from the University of North Carolina. She also has done post-master's work in counselor education at Penn State.



Judy Aronson

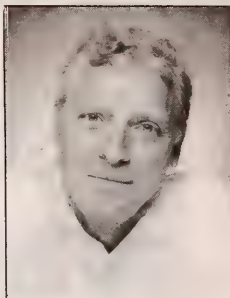
including "Porgy and Bess" at Royal Opera in Ghent, Belgium, and has more than 100 acting credits in academic, regional and summer theaters.

Dr. Manfull joined the University faculty in 1964. Currently he is artist-in-residence in the Theater Department. In addition to his plays, he is co-author of a major theater textbook, *The Stage in Action*, with his wife, Helen Manfull, also of the theater faculty.

He earned his bachelor's and master's degrees from the University of Utah and his doctorate from the University of Minnesota.

Career development

Thomas C. Vary, associate professor of cellular and molecular physiology at the Hershey Medical Center, has received the Research Career Development Award from the National Institute of General Medical Sciences, a division of the National



Lowell L. Manfull

Institutes of Health.

Dr. Vary is one of only two individuals in the nation to receive the award in the current funding cycle. The award, reserved for promising young investigators who have demonstrated ability to develop as independent researchers, is designed to free them from teaching and administrative duties so that they can devote their full energies to biomedical research.

Last year, Dr. Vary received a five-year NIGMS grant of \$610,000 for his study on the effect of sepsis and trauma on protein synthesis in muscle. The research effort is designed to determine the factor initiating the loss of muscle protein following severe trauma.

Dr. Vary earned his doctor of philosophy degree in physiology from the College of Medicine, his master of science in molecular biology from Lehigh University, and his bachelor of arts in natural science from The Johns Hopkins University.

Speech association holds convention

The 51st annual convention of the Speech Communication Association of Pennsylvania will be held at the Atherton Hilton Hotel in State College today through Saturday.

The convention draws speech communication teachers and professionals from throughout Pennsylvania and includes panel presentations and other activities on pedagogical, professional and social issues in communication.

A panel on "Communication Studies for the '90s" is scheduled from 9 to 10 a.m.

Friday, Oct. 19, in room Vanderbilt A. Presenters will discuss key issues for communication programs in the decade ahead.

A panel on "Minority Voices" is scheduled for 7 to 8:30 p.m. Oct. 19 at the Paul Robeson Cultural Center at University Park. Panelists will discuss communication-related diversity issues from the perspectives of women, gays and lesbians, international business people and African-Americans. (See related story on page 2.)

Teaching award

Lowell L. Manfull, professor of theater arts, has received the 1990-91 faculty teaching award presented by the Arts and Architecture/Performing Arts Constituent Society Alumni.

Carole Brandt, head of the Department of Theatre Arts, described Dr. Manfull as a "marvel," whose "passion, mind and commitment to students make the core of our graduate curriculum exciting."

Dr. Manfull also is an accomplished playwright with 25 plays of his own that have been produced in university and professional theaters. He has won two Samuel French playwrighting competitions. He also has more than 30 directing credits.

Carpoolers

Vanpool is looking for riders from Tyrone to University Park. Work hours are 8 a.m. to 5 p.m. Call Don at 865-1040 or 684-4868.

Diane needs a ride from the Boalsburg area to University Park (just for the winter months). Her work hours are from 6:45 a.m. to 3:15 p.m. Call 865-1991 or 466-7097.

Doris would like to carpool from the Reedsville/Milroy area to University Park. Her work hours are 8:30 a.m. to 5:30 p.m. Call 865-7669 or 667-3433.

News in Brief

Biodiversity conference

An international conference on "Biodiversity and Landscapes: Human Challenges for Conservation in the Changing World," organized by the Center for BioDiversity Research, Environmental Resources Research Institute, will be held Oct. 22-25 at University Park.

Larry D. Harris, professor of wildlife at the University of Florida, and Eugene Hargrove, chair of the Philosophy Department at the University of North Texas, will present keynote addresses at the 7 p.m. opening session Monday, Oct. 22.

A public forum on "Biodiversity Conservation and Human Destiny" will be held at 7:45 p.m. Thursday, Oct. 25, in 101 Kern Building. Faculty and staff members are invited to the opening session and the public forum.

International education

The Central Pennsylvania Collaborative

for International Education will hold a conference titled "Opening Our Windows on Asia" on Thursday and Friday, Oct. 25 and 26, at Juniata College in Huntingdon.

Penn State is a founding member of the collaborative, which is one of 10 regional Pennsylvania organizations devoted to promoting international awareness and understanding among the intermediate units, school districts, colleges and universities, business and industry, civic organizations and individuals in the Central Region.

University faculty and staff members and students are invited to attend the conference. For more information, contact Tannaz Rahman, University Office of International Programs, 222 Boucke Building, University Park, 865-7681.

Peer tutoring in writing

The University will host the seventh annual Conference on Peer Tutoring in

Writing Oct. 26-28 in the Keller Conference Center at University Park.

Kenneth Bruffee, a nationally recognized authority on collaborative learning and peer tutoring in writing, will be the keynote speaker. Some 300 undergraduates and 100 writing center administrators are expected to attend.

For program information, contact Ron Maxwell at 865-1841, and for registration information, contact Jerri Milson, 865-5141.

Recycling teleconference

Penn State Harrisburg, the Pennsylvania Department of Education and the Pennsylvania Department of Environmental Resources will present the first Municipal Waste Recycling teleconference in the state on Oct. 31, Nov. 1 and 2.

The teleconference, featuring 16 nationally known speakers in the field of recycling management, is designed for a wide array of participants, including county and municipal recycling coordinators, persons responsible for recycling in their place

of work, and those interested in initiating grassroots recycling projects in their communities.

For more information on the teleconference, contact Ronda Graby or George Sherman at (717) 948-6500.

Weight room orientation

The Recreational Sports Fitness Program is offering weight room orientations for faculty/staff at University Park interested in learning to use the weight rooms on campus.

Each orientation session is scheduled one-on-one at the employee's convenience. To receive a registration form or more information, call the Recreational Sports Office at 865-5401.

Faculty Women's Club

Local author James Morrow will discuss his latest novel *Only Begotten Daughter* at the October meeting of the Faculty Women's Club Book Review Group at the home of Betty Jayne, 119 Wildernest Lane, Port Matilda, at 1:30 p.m. Monday, Oct. 22.

Partings

Joseph Jordan, professor of chemistry in the Eberly College of Science, has retired with emeritus rank after 35 years service. An internationally known analytical chemist, Dr. Jordan is a pioneer in the fields of bioelectrochemistry and enthalpimetric analysis, the study of heat effects in chemical reactions.

During his tenure, he directed the research of more than 80 doctoral candidates and postdoctoral fellows. Recently, 30 of his doctoral and postdoctoral students returned to Penn State to attend a symposium honoring his retirement.

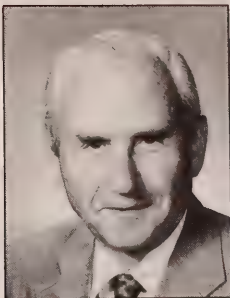
Although officially retired, Dr. Jordan plans to continue going to the office on a daily basis. "I've been asked to teach a chemistry course in the spring," he said, "and I plan to travel to Germany to attend the General Assembly of the International Union of Pure and Applied Chemistry - I still hold office in the Analytical Chemistry Division and am on the Committee on the Teaching of Chemistry."

Listed in "Who's Who in America," he was elected a Fellow of the American Association for the Advancement of Science in 1964, received the Benedetti-Pichler Award from the American Microchemical Society in 1978, and received year-long Senior Fulbright Professorships to France in 1968 and to India in 1986.

Born in Rumania, Dr. Jordan earned his doctoral degree at the Hebrew University in Jerusalem. He came to the United States in 1950 as a research fellow at Harvard University and joined the Penn State faculty as an assistant professor of chemistry in 1954.

He and his wife, Colina, who is a social worker at Ritenour and Centre Psychiatric Associates, live in State College.

Robert E. McNichol, supervisor of police services, has retired after 21 years service. Mr. McNichol joined the University in



Joseph Jordan

1969 with what was then called the Department of Security. His background included work with the Army Air Corps during World War II, the Pennsylvania Railroad Police and the State College Police, where he was sergeant until 1969.

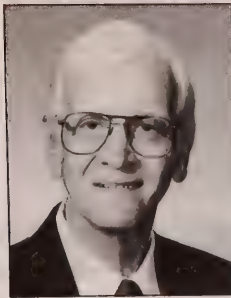
Serving as an investigator, supervisor of investigations and supervisor of crime prevention for the University, he saw the department change from a security to a full-service law enforcement agency.

During the past several years, he has supervised the crime prevention and community relations unit where he enjoyed the personal contact with students.

"Most of the students I met were a pleasure," he said.

Two of Mr. McNichol's children are Penn State graduates. He plans to keep busy during his retirement by working on his house.

Jeanne Christian, head secretary for Continuing Education at the Penn State Berks Campus, has retired after more than 30 years service.



Robert E. McNichol

She joined Penn State in December 1959, one year after the University opened Berks Campus' predecessor, the Wyomissing Center, in that neighborhood of Reading. She worked as a part-time assistant to the secretary for Continuing Education, and in November 1962 moved into that position.

Her tenure has seen three University presidents, three Berks Campus directors of Continuing Education, two Berks Campus executive officers and countless location and staff changes.

She says that while she "will not miss getting up at six o'clock in the morning," she misses her co-workers very much.

In her retirement, Ms. Christian will work part time for a local florist and "try my hand" as a tour escort for a local travel company. She also is enjoying the extra time she can now spend in her flower garden.

Ms. Christian, whose husband is deceased, has one daughter, Victoria, a management consultant in long-term health care.

United Way plans annual solicitation

The personal solicitation campaign on behalf of United Way will begin at University Park on Oct. 29 and run through Nov. 2. More than 8,000 full-time employees will be contacted by co-workers within their administrative areas.

The revised program initiated last year will continue with some refinements. Full-time employees will again receive a confidential payroll deduction form in a pre-sealed envelope. For previous contributors, the form will list contributions made.

The "blue" form gives employees the opportunity to initiate, conclude, decrease or increase contributions through payroll deduction as well as designate a particular agency. The form also should be used to make contributions by cash or check. Contributions also can be directed to United Way programs throughout Pennsylvania.

Persons wishing to continue the same contribution should indicate that on the card-a refinement made this year to the form to avoid any confusion.

Forms are to be returned directly to the Payroll Office in the envelopes provided. Employee responses are known only to the Payroll Office, as with salary information, and the United Way office.

As last year, campaigns will be tailored to each major administrative area's particular needs and will include training sessions for volunteers, and availability of national and local United Way information.

As members of the area's largest employer, Penn State employees have traditionally contributed more than one-fourth of the money raised for the 32 United Way agencies in the county. This year's goal is \$189,750, a 15-percent increase over last year's goal and consistent with the county goal increase. In 1989, Penn State employees contributed a record \$190,540, surpassing the goal by more than \$40,000.

Focus on the arts

Continued from page 4.

The 20-minute concert is part of the Bach's Lunch concert series, sponsored by the School of Music and the University Lutheran Parish.

The quartet was formed last fall and includes Mike Ketter, Bob Rizzo, Chris Graham, and Chris Hoffman. The group's repertoire ranges from Baroque to 20th century music.

'Emigres Voices'

Seven prominent writers from Central and Eastern Europe will give readings and lectures at University Park during the academic year as a part of the "Emigres Voices" readings series. All readings will be held in 112 Kern Building at 8 p.m. The writers, including two Nobel laureates, will read from their poetry and fiction and will discuss the role of the

writer in their native countries (Russia, Poland, Czechoslovakia, Romania and East Germany) - before and after the collapse of Communism.

Romanian Nina Cassian will present a reading on Thursday, Oct. 25. Ms. Cassian has published more than 50 books of poetry, fiction, children's books and translations.

Czeslaw Milosz, professor of Slavic literature at the University of California in Berkeley, will speak on Wednesday, Nov. 7. The recipient of the Nobel Prize for Literature, he has published six volumes of poetry, two novels, a history of Polish literature and *The Captive Mind*, a classic description of intellectual life under Communism.

On Thursday, Nov. 29, Czech emigre writer Josef Skvorecky will be featured. Editor-in-chief of the Sixty-Eight Publishing Corp., a Toronto-based Czech language

house, he has published six novels in English since arriving in North America in 1969, most recently *Dvořak in Love*.

The series is co-sponsored by the National Endowment for the Arts, the Pennsylvania Humanities Council, in conjunction with the Institute for the Arts and Humanities Studies, the Slavic-Soviet Language and Area Center and the departments of English, comparative literature, Slavic languages, history and political science.

Philharmonic concert

The Penn State Philharmonic will present its first concert of the season at 8 p.m. Friday, Oct. 26, in the Recital Hall of the School of Music at University Park.

The orchestra's program includes "Overture to Candide" by Leonard Bernstein, the "Roman Carnival Overture" by Hector Berlioz, and the Second Symphony of Jean Sibelius. The orchestra is conducted by Douglas Meyer.

'Merchant of Venice'

The University Resident Theatre Company (URTC) presents William Shakespeare's "The Merchant of Venice" at 8 p.m. Friday, Oct. 26, at the Playhouse Theatre at University Park.

Considered one of Shakespeare's finest and most popular works, "The Merchant of Venice" is a story of love, hate, revenge and justice. The play will run Oct. 26, 27 and Oct. 30-Nov. 3 at 8 p.m., with matinee performances at 2 p.m. Saturday, Oct. 27, and Saturday, Nov. 3.

The play is directed by Richard Nichols, head of the acting program at the University.

Additional performances will be held for local high school students as part of the Arts and Education Program. The play also will tour six of the Commonwealth Campuses in November.

For ticket information, call (814) 863-0255.

Mining Engineering is celebrating its centennial

The University's Mining Engineering Program is celebrating its centennial this academic year with a number of special events for faculty, students, and alumni. Mining Engineering and the Jefferson Energy Foundation will co-host the telecast of a national debate, "Coal: The Challenge of Abundance," to be held at 1:30 p.m. Thursday, Oct. 25, in the HUB Fishbowl at University Park.

The debate, to be moderated by Hodding Carter, is the fourth teleconference in a series, "Man, Energy and the Environment." Each debate is

filmed for immediate download to participating universities and for later use in a six-part series on PBS television.

A special panel presentation on "The Future of Mining Engineering Education" will be held at 9:20 a.m. Friday, Oct. 26, in Room 301 Steidle Building at University Park.

Panelists will include Thomas V. Falkie, president of Berwind Industries and former director of the U.S. Bureau of Mines; Howard L. Hartman, former dean of engineering at the University of Alabama; E. Morgan Massey, chairman and CEO,

A.T. Massey Coal Co., and Ivan H. Rahn, manager of manpower services, Consolidation Coal Co.

The University has one of the nation's best-known programs in mining engineering with research and instruction on all aspects of surface and underground mining. Creation of a Department of Mining Engineering in 1890 was the forerunner of the present College of Earth and Mineral Sciences.

Mining Engineering, which is now a section of the Department of Mineral Engineering, pioneered the teaching of

mine power systems, developed the earliest computer models of the underground mining system, and pioneered the application of an operations research approach to mining problems. The Mineral Engineering Management graduate program was the first of its kind.

Since the program was established, more than 1,680 degrees, including 55 doctorates, have been granted. It is estimated that one quarter of today's mining faculty in the nation's schools of mining hold degrees from Penn State.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304. Applications for these staff vacancies will be accepted until Oct. 25. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment practices (FEPS-1) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law) sex, or status as a disabled or Vietnam era veteran.

***01047, Employment Specialist, Office of Human Resources, Employment Division, University Park Campus**—Responsible to the manager, Employment Division, for recruitment, interviewing and placement of applicants with a wide variety of backgrounds and experience. Involves interaction with many levels of administrative, academic and professional staff members. Requires bachelor's degree, or equivalent, preferably in personnel administration or related fields plus a minimum of one to two years of related administrative experience. STAFF GRADE 6.

***01048, Classification Analyst, Office of Human Resources, Salary**

Administration and Classification

University Park Campus—Responsible for assisting in the implementation and maintenance of the University's wage and salary classification plans. Requires bachelor's degree or equivalent, preferably with some course work in personnel administration or industrial engineering, plus one to two years of effective experience, preferably in job evaluation and classification activity. STAFF GRADE 6.

***01049, Customer Service Representative, Office of Physical Plant, University Park Campus**—Responsible to the senior customer service representative for Physical Plant customer liaison. Obtain project details following project requests from customers, prepare estimates identifying manpower and materials necessary to complete a project. Requires associate degree or equivalent technical training such as an apprenticeship in a building trade plus two to three years of effective experience in estimating construction and maintenance work for the building trades. Public relations skills essential. STAFF GRADE 6.

***01050, Assistant Manager Food Services, Housing and Food Services, University Park Campus**—Responsible to the manager, Food Services, for all phases of a special dining community operation. The duties are to include the supervision of the daily functions of technical service employees and student employees. Requires bachelor's degree or

equivalent, plus one to two years of effective experience. STAFF GRADE 5.

***01051, Health Physics Assistant, Senior Vice President for Research and Dean of the Graduate School, Health Physics Office, University Park Campus**—Responsible to the University health physicist for conducting contamination surveys of isotope laboratories, radiation sources, nuclear reactor and related equipment and areas and for determining the proper handling of radioactive waste material. Requires bachelor's degree in a physical science, engineering, or mathematics with over one year up to and including two years of effective experience in laboratory work, preferably in radiochemistry, nuclear instrumentation or health physics. STAFF GRADE 5.

***01052, Applications Programmer/Analyst, Corporate Controller, University Park Campus**—Responsible to the manager, Financial and Payroll Information Systems, for conducting analyses of data processing problems determining detailed requirements to solve problems, formulating logical statements of systems problems and preparing computer programs to satisfy desired end results within the financial system. Requires bachelor's degree, or equivalent, in computer science and one to two years of effective experience in computer programming and analysis, preferably in a financial environment. Knowledge of COBOL, IMS, CICS, Natural, etc., plus financial and payroll

information systems is desirable. STAFF GRADE 6.

Hershey

For the following position vacancies, apply directly to The Milton S. Hershey Medical Center. Attach resume with contact number indicating the position vacancy code and forward to the Department of Human Resources, Hershey, or call the Hershey bid line at (717) 531-8331 by Oct. 25.

***17125, Manager, Food Services, Department of Food Services, Hershey Medical Center**—Responsible to the assistant hospital director for the planning, developing and administration of food service programs for patients, personnel and visitors. Requires a bachelor's degree in nutrition, food service management or equivalency, plus four to five years effective experience, preferably in a health care setting. Registered dietician preferred. STAFF GRADE 8.

***13494, Divisional Coordinator, Department of Surgery, Hershey Medical Center**—Responsible to the chief of the division for the performance of and assistance with a variety of administrative duties to include supervision of clinical employees, preparation of various documents and efficient operation of the division. Requires a bachelor's degree or

equivalent, plus one to two years of effective experience in the performance of administrative duties. Experience with personal computer applications desirable. STAFF GRADE 5.

***13666, Manager, Physician Billing Information Support, Department of University Physicians Professional Billing, Hershey Medical Center**—Responsible to the director, University Physicians Professional Billing, for the management of the systems computer operations of the department. Requires a bachelor's degree or equivalency in computer science or effective experience preferably with a computerized billing system. A working knowledge of various software programs such as Symphony, Lotus 1-2-3 and word processing. Management experience also desired. STAFF GRADE 7.

***01053, Assistant Manager, University Fitness, University Fitness Center, Hershey Medical Center**—Responsible to the manager, University Fitness Center, for assistance in administering the Center to include assistance with program development, organizing activities and maintaining schedules. Requires bachelor's degree, or equivalent, in physical education, recreation education or preventative and rehabilitative exercise plus one to two years of effective experience. Management and/or teaching experience desirable. STAFF GRADE 5.

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NATIONAL RANKING

The University Park Campus is cited in an annual ranking of 'America's Best Colleges.' See the story on page 3.

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College of Engineering shares in \$15 million grant

The College of Engineering is part of a coalition that received a \$15 million National Science Foundation grant to support innovations in engineering education.

Early introduction to hands-on engineering design and programs stressing leadership and management skills are primary objectives of the seven university Engineering Coalition of Schools for Excellence in Education and Leadership.

The five-year grant also focuses on increasing the numbers of women and underrepresented minorities in engineering as well as on improving retention of all engineering students.

ECSEL includes the schools of engineering at Howard University, City College of New York, Massachusetts Institute of Technology, Morgan State University, Penn State and the universities of Maryland and Washington.

During the first year of the project, Penn State will receive \$760,000 in NSF funds with a total of \$3.8 million over the five-year period. The College of Engineering will receive approximately \$650,000 of the yearly total. An additional \$112,000 is allocated to Penn State's Center for the Study of Higher Education for assessment and evaluation of the overall program.

"ECSEL provides an opportunity to bring

more excitement and relevancy to our programs by offering students engineering experience and leadership skills early in their academic careers, making engineering a more attractive course of study," John A. Brighton, dean of the College of Engineering and chair of the ECSEL Council of Deans, said.

ECSEL programs will introduce engineering early, through design courses, so that students can begin to integrate information from the very beginning of their education experience. In addition, ECSEL members will develop teaching and learning modules to import innovations developed within the coalition to other

institutions. The modules will allow teachers to supplement classroom instruction and students to pursue individual independent group learning.

ECSEL projects will be spearheaded by coalition members and addressed through inter-institutional task forces. Project leaders are Morgan State, critical curriculum review; CCNY, engineering preparatory programs; MIT, integration of design; Washington, module learning units; Penn State, student leadership and industry development and ongoing evaluation; Howard, outreach programs; and Maryland, ECSEL communications network.

Nobel scientist will give Althouse lecture

Nobel Prize winning scientist J. Michael Bishop will give the 10th annual Paul M. Althouse Memorial Lecture at 4 p.m. Thursday, Nov. 1, at The Milton S. Hershhey Medical Center.

Dr. Bishop received the 1989 Nobel Prize in physiology or medicine with his colleague Harold Varmus, for discovering in 1976 that the genes that can malfunction to cause cancer are present in normal cells.

Dr. Bishop, professor in the Department of Microbiology and Immunology and director of the G.W. Hooper Research Foundation at the University of California Medical Center, San Francisco, will discuss "Cancer Genes Come of Age."

Through his research on the retrovirus Rous sarcoma, which causes tumors in

chickens, Dr. Bishop helped show that viral oncogenes were altered genes present in normal cells, rather than the viral DNA. The genes, known as proto-oncogenes, appear to be necessary for normal cell functioning and growth, as well as for the uncontrolled growth of cancer cells when the genes are picked up by the retroviruses.

Born and raised in York, Pa., Dr. Bishop graduated from Gettysburg College as valedictorian. He received his M.D. from Harvard and trained for two years in internal medicine at the Massachusetts General Hospital. After a year of research in Germany, he joined the University of California and began his work on RNA tumor viruses in the early 1970s.

Dr. Bishop has been elected to the National Academy of Science, the American Academy of Arts and Sciences, and as a Fellow of the American Association for the Advancement of Science. He has received the American Association of Medical Colleges Award for Distinguished Research, the Albert Lasker Award for Basic Medical Research, the American Cancer Society Medal of Honor, and numerous other awards.

The Paul M. Althouse Memorial Lecture Series was established in 1974 to honor Dr. Althouse, provost of the University at his death in 1972. He had served earlier as professor of biochemistry, director of general education, and vice president for academic affairs.



J. Michael Bishop

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Course seeks to link disciplines

"A prevalent weakness in higher education is the lack of linkages among disciplines," Margaret Cote said.

"We have good reasons for dividing knowledge into disciplines, but this segmentation sometimes results in many courses being devoted to a single topic or field. Linking is not often built into the curriculum," said Dr. Cote, interim associate dean for the Commonwealth Educational System, College of the Liberal Arts, and associate professor of English, Penn State Allentown Campus.

"It's frustrating to find that when students read a novel, they are not aware of the historical events that shaped the author's work. Our students are not making the connections between events in history and their impact on the people living during these times," she explained.

To help students make connections between disciplines, Dr. Cote and Eugene R. Slaski, associate professor of history and academic officer at Allentown Campus,

proposed teaching Women's Studies 001 and History 003 as a single six-credit course.

With funding from the United Federal Savings Bank Endowment for the Enhancement of Undergraduate Instruction, they taught the joint course last fall to 30 students in a twice-a-week, three-hour format.

The United Federal Endowment is administered by the Office of Undergraduate Education under the direction of Jerry B. Covert, associate dean for undergraduate education.

Both faculty members attended all class sessions, sharing in an interactive discussion format that focused on issues such as human relationships, civil disobedience, the origin and evolution of American cultural values relating to family, church, race, ethnicity, education and the work ethic. The course also dealt with social trends and responses to those trends in women's lives.

Please see "Course" on page 3.

Focus on Diversity

Program on sexual harassment available

The Wrong Idea (24405.VH), a cross-cultural training program about sexual harassment, is now available from Penn State Audio-Visual Services.

The 29-minute program uses a culturally diverse cast in nine vignettes to portray campus sexual harassment incidents, and it is designed to stimulate discussions of differing perceptions about each incident. The video attempts to sensitize U.S. and international students, faculty, and staff to

the cultural and gender issues surrounding sexual harassment, and informs them of their legal rights and responsibilities.

This title is available at no charge to University faculty and staff members for classroom use. At University Park, call 865-0913 to make arrangements for a preview showing. At a Commonwealth Campus, contact the campus instructional services specialist for ordering procedures.

Women of Color plan annual Winter Ball

Tickets are now on sale for the Winter Ball, sponsored by the Central Pennsylvania Women of Color set for 8 p.m. Dec. 1 at the Nittany Lion Inn.

Music will be provided by the Earthtones' band and DJ "The Doctor." There will be hors d'oeuvres and cash bar. Tickets are \$12.50 per person and \$10 per graduate student before Nov. 10. After

Nov. 10, all tickets are \$15 per person. No tickets will be sold at the door.

Winter Ball Committee chair is Chris Patterson and honorary chair is Grace Hampton.

Ticket contacts include Chris Patterson, 863-6081; Carolyn Napoleon, 237-8053; Ann Shields, 238-4608; and Vicki Fong, 865-7517.



Future geologists visit

Rachael Taylor, a member of the National Association of Black Geologists and Geophysicists, talks to Pittsburgh area high school students who attended the association's annual conference Oct. 19-20 at University Park. (Photo: Greg Grieco)

Diversity Opportunities Calendar

Monday, Oct. 29

Women's Studies Student Affairs committee, 12:15 to 1 p.m., 12 Sparks Building. Discussion about affairs concerning women at Penn State.

Paul Robeson Cultural Office and Office of Religious Affairs, 7:30 p.m., Robeson Center. "Eyes on the Prize" film followed by discussion led by Rev. Kenneth Clarke.

Women's Studies, 8 p.m., HUB Gallery. Walter L. Williams, University of Southern

California, on "Beyond Homophobia: Learning from American-Indian and Asian-Pacific Cultures."

Tuesday, Oct. 30

Campus Life's Student Counselors, 7 p.m., 112 Osmond. Pam Bona on "International Students-Experiencing Penn State."

Wednesday, Oct. 31

Center for Women's Studies, noon to 1 p.m., 120 Boucke. Film and discussion:

"Two Million Women: Domestic Violence," with Patricia Johnstone.

Groove Phi Groove/Paul Robeson Cultural Center, 7 p.m. Robeson Center. Film (to be announced).

Thursday, October

Hindu and Jain Good over Evil holidays (exact dates dependent on lunar calendar).

October through November

Hindu and Jain Festival of Lights holidays (exact dates dependent on lunar calendar).

WISE Forum

The WISE Forum will have a brown bag lunch and program at University Park from noon to 1 p.m. Friday, Oct. 26, in 301 HUB. The program will be a discussion about "Women in Scientific and Technical Graduate School," led by a panel of current Penn State graduate students.

WISE stands for Women in the Sciences and Engineering, and the forum is for anyone interested in supporting and encouraging women in science, engineering and technology.

To describe its broadened mission

Unit renamed Multicultural Resource Center

The Counseling and Academic Skills Development Office has been renamed the Multicultural Resource Center to better reflect the population of students it serves.

"The office now provides centralized counseling support services for all minority undergraduate and Educational Opportunity Program students. Its new name describes more accurately its broadened mission," Howard E. Wray III, assistant dean for undergraduate education and academic assistance programs, said.

"Our goal is to provide confidential counseling, tutorial services and numerous other educational services to students of all backgrounds."

The Multicultural Resource Center is one of seven University Academic Assistance Programs that provide special services and programs to improve the academic achievement of disadvantaged, minority, veteran, disabled and basic skills students.

The center provides a broad range of free services to minority and low-income students including counseling on life-style issues, interpersonal relationships with peers

and family, transitions to college, study skills, note-taking and test-taking strategies, career plans and goals and tutorial assistance. It is staffed by nine counselors and seven peer counselors.

Although developed primarily for minority students, the center serves all students who request help. During the 1989-90 academic year, the center had contact with more than 9,000 students, about 1,400 of whom were served on a continuing basis throughout the year.

Other units of the center include:

- The Learning Assistance Center, an academic support center in writing, math, reading, studying, learning computer skills and individual tutoring;

- The Developmental Year Program, a basic academic skills program;

- The Office of Veterans Programs, a comprehensive service center for veterans;

- The Office of Disability Services which makes individual accommodations to meet the needs of disabled students;

- The Basic Skills Program, a network of academic services and courses for students

weak in math, English and reading;

- Project Upward Bound, a program that helps disadvantaged high school students develop skills and motivation necessary for post-secondary education.

"We hope that the change in name to the Multicultural Resource Center will draw the attention of all students who need our services," Mr. Wray said.

Students to discuss education abroad

Students who have participated in Education Abroad Programs will talk about their experiences at 7:30 p.m. Tuesday, Oct. 30, in the Paul Robeson Cultural Center.

The presentation is jointly sponsored by the Office of Education Abroad Programs, Black Caucus and Multicultural Resource Center.

Forum will focus on new businesses

Financing of new business ventures will be the focus of the Third Mellon Bank Enterprise Forum to be held from 3 to 9 p.m. Wednesday, Nov. 7, at University Park.

The session, coordinated by the Center for Enterprise Creation and Growth in the Smial College of Business Administration, will provide entrepreneurs information about the options available to them as they seek support for their budding companies.

John Werner, president, Ben Franklin Technology Center, will discuss government financing; Paul Kelley, managing partner, Zero Stage Capital of Pennsylvania, will cover venture capital financing; Jerry Lessman, vice president and manager, Mellon Bank Central, will discuss bank financing; and Terry Collison, consultant, Venture Development, Wilmington, Del., will cover private support. A panel of entrepreneurs also will share their experiences with participants.

The Enterprise Forums were launched in 1989 through the support of Mellon Bank.

Penn State Press publishes history of the CIA

The early years of the Central Intelligence Agency are chronicled in the first official history of the CIA, to be published by Penn State Press in December.

The Central Intelligence Agency: An Instrument of Government, 1950 by Arthur B. Darling is the first document released through the CIA's Historical Review Program. Sanford G. Thatcher, director, Penn State Press, said.

"Publication of this history of the CIA symbolizes the new openness of the CIA and its willingness to provide the public with information about its past. The book also is an important historical document, because it is based on internal memoranda and records not hitherto available to anyone outside the government," Mr. Thatcher said.

Dr. Darling, the CIA's first historian (1952-54), wrote the history in 1953. The manuscript was classified from 1953 until November 1989, when it was released to the public. The Editorial Committee of the Penn State Press recommended publishing the public-domain document in January 1990, Mr. Thatcher said.

Arthur Darling's history is the first in what we hope to be a series of publications

by Penn State Press arising from the materials released through the CIA's Historical Review Program, he added.

A second volume, General Walter Bedell Smith as Director of Central Intelligence, October 1950-February 1953 by Ludwell Lee Montague, will be published by Penn State Press in 1991.

Since becoming director of the Press in 1989, Mr. Thatcher has worked to build a new reputation for the Press in history and the social sciences.

"Publishing the history of the CIA is a good way for Penn State Press to attract the attention of both historians and political scientists to what we are doing," he said.

Another new focus of the Press is in the area of international relations. In a cooperative arrangement with Polity Press in England, Penn State Press is co-publishing early next year *American Hegemony and World Oil* by Simon Bromley.

Among other changes that Mr. Thatcher said was the reorganization of the Press' Editorial Committee. The eight-member group now meets regularly in person to review projects.

Committee members are Ronald Filippelli, Jonathan Goldstone, Philip

Jenkins, Nancy Love, Charles W. Mann Jr., Ronald A. Smith, Daniel Walden and Stanley Weintraub.

Since June 1989, the committee has approved for publication 88 new books (38 in literature, 14 in art history, 15 in history, 13 in social science and eight in philosophy and religion).

Several forthcoming books are by University authors, including *The Origins of Federal Support for Higher Education*, George W. Atherton and the *Land-Grant College Movement* by Roger L. Williams, *The Rainbow Bridge* by Alistair Fraser and Raymond Lee, *The Photographic Experience* by Bridget and Heinz Henisch, and *Joseph Pulitzer II and the 'St. Louis Post-Dispatch': A Newspapersman's Life* by Daniel Pfaff.

The Press, which now has a staff of 15, has an entirely new marketing department dedicated to improving the Press' marketing program and also is in the process of fully computerizing its operations.

"Our goal is to build on the Press' strengths, while expanding into several new areas to enhance the Press' standing among scholarly presses," Mr. Thatcher said.

—Deborah A. Benedetti

Teaching award

Nominations are now being accepted for the 1991 Penn State Teaching Fellow Award.

Established jointly by the Alumni Association, Undergraduate Student Government and Graduate Student Association, the award honors distinguished teaching while providing encouragement and incentive for teaching excellence at the University.

One or more awards will be given. Awardees will be honored at the April Awards Convocation. Recipients receive a check and an inscribed memento and have their names added to a permanent plaque located in the Hetzel Union Building.

Nomination forms for the Teaching Fellow Award are available from the Alumni Association, 105 Old Main. Nominations are due by Nov. 1.

Proposals sought

Faculty from all University campuses are invited to submit proposals to the Penn State 1990-91 Research Initiation Grant (RIG) Program.

The RIG Program was established to support the initiation of research and other creative work in the sciences, engineering, social sciences, and arts and humanities by new faculty members. New faculty members are defined as faculty members with a service accumulation of two calendar years or less by September 1991.

The criteria for the program are scholarly merit of the proposal; potential benefits to the investigator and to the University; and contribution (direct or indirect) to the educational program. Special consideration will be given to research on diversity.

The 12-month awards will range from \$5,000 to \$10,000 and will be announced following a preliminary screening by the colleges and final recommendations from a University review committee selected from a variety of disciplines and appointed by the senior vice president for research and dean of the Graduate School.

Faculty members desiring further information should contact their research dean or campus executive officer. The proposal deadline for submission to the senior vice president by research deans is Jan. 31, 1991.

Space education

The University has formulated an agreement with TVOntario, the educational television network in the Province of Ontario, Canada, to collaborate in the production and distribution of programs and materials for space education. The agreement links Penn State and TVOntario in a dedicated effort to provide ongoing space education opportunities to school students and adults both on this continent and worldwide.

At Penn State, the University's Division of Media and Learning Resources, the National Space Grant College and Fellowship Program, the Center for Cell Research, and the College of Education will together pursue educational endeavors relating to space science, space exploration, technology, biology, and applications.

Marlowe Froke, general manager of the Division and WPX-TV, said that the agreement with TVOntario will facilitate improved space education via united production and research capabilities.



United Mine Workers conference

Richard Trumka, United Mine Workers president and University Trustee, participated in the Oct. 18-20 UNW Centennial Conference, presenting the Philip Murray Memorial Lecture. (Photo: Greg Grieco)

sharing the class time and interacting with each other and the students," Dr. Cote said.

"Given the combination of things we did in class -- the readings, discussions and movies -- there was a real increase in knowledge and appreciation of the differences between how the genders perceive each other and how they perceive themselves as individuals and as groups," Dr. Slaski said.

"The men and women students began to appreciate more the various subtle and not so subtle societal values that they were a part of, to the point that they became sensitive to instances of discrimination occurring around them that they had previously not noticed. The students also gained a greater appreciation of the role of women in American history and saw that women shared in that history, although often invisibly," he added.

"I found the team-teaching experience very,

enriching," Dr. Cote said. "I made a quantum leap in my own understanding of American history as it relates to women's studies."

Dr. Slaski agreed, noting that the experience had helped him to add to his knowledge of women's studies, enhancing his American themes course. He previously taught a women's studies course in the mid-1970s.

Both said that developing the joint course was one of the most cost effective professional development activities that they had ever been involved in. They taught the course as part of their regular course load.

Dr. Cote and Slaski intend to teach the course again. Dr. Cote, who is on administrative leave at University Park, also is interested in exploring the possibilities of similar ventures with sociology and psychology faculty members.

—Deborah A. Benedetti

Course

Continued from page 1.

They read all of the assigned textbooks and readings and developed and graded the three essay exams, arriving at a single grade for each student in the class, which was almost evenly divided between male and female freshmen. They also prepared study guides for students prior to each exam and jointly reviewed students' proposals for research papers.

The course gave students a mechanism for linking disciplines, showing them how it is done and giving them an insight into how they can integrate knowledge themselves.

"We treated this as one experience for our students.

News in Brief

Paul T. Baker Lecture

Luca L. Cavalli-Sforza, chairman of the Genetics Department at Stanford University, will be the speaker for the Paul T. Baker Lecture at 3:30 p.m. today, in 112 Kern Graduate Building at University Park. His lecture, "Genes and Archaeology," will focus on the methods used to gather information from genes for the study of human differentiation and evolution.

The lecture, sponsored by the Department of Anthropology, the Department of Biology, the Institute of Molecular Evolutionary Genetics and the Graduate School, is open to the public.

The Paul T. Baker Lectureship in Human Biology and Anthropology was established in 1987 by the Department of Anthropology and students of the former University anthropology professor. Recipients are recognized for their outstanding contribution to knowledge in human biology and biological anthropology.

Candidates' night

Women's Alliance begins its 1990-91 programming with a candidates' night focusing on women's and family issues at 7:30 p.m. Tuesday, Oct. 30, in 305 Hetzel Union Building, University Park. Candidates expected to attend are Lynn Herman, Doyle Corman, Mike Radis, John Elitski and Greg Stoicheff.

Lunchtime roundtable

William B. Lacy, assistant dean for research in the College of Agriculture, will lead a lunchtime roundtable sponsored by the Penn State Chapter of the National Association of Science Writers at 11:45 a.m. Wednesday, Oct. 31, in Room 313 Kern Building at University Park.

Dr. Lacy, who also is professor of rural sociology, will lead a discussion of "Public Opinion on Biotechnology."

The Penn State Chapter of the National Association of Science Writers meets for lunch and discussion on the last Wednesday of each month. The brown bag lunchtime roundtable series is open to anyone interested in science communication.

'Journey Through the Universe'

Robert Marande, associate professor of physics, Penn State Erie, The Behrend College, will explore the evolution of our solar system, our galaxy and the frontiers of space at 8 p.m. Tuesday, Oct. 30, in Reed Lecture Hall. He will use objects that can be viewed with small telescopes or binoculars.

"Journey Through the Universe" is free to the public. For more information, call (814) 898-6171.

Film showing

In recognition of Domestic Violence

Awareness Month, the Center for Women Students will present the film "Two Million Women: Domestic Violence" at noon Wednesday, Oct. 31, in 120 Bouck Building at University Park. A discussion will follow.

The film explores the problem of domestic violence in our society. Patricia Johnston, assistant director of the Center for Women Students, will lead the post-film discussion.

The one-hour program is part of the Center for Women Students' Brown Bag Lunch Series. For more information, call the center at 863-2027.

Child development lecture

Robert B. McCall, professor of psychology and director, Office of Child Development, University of Pittsburgh, will speak on "The State of Early Childhood Needs and Services in Pennsylvania" at 8 p.m. Thursday, Nov. 1, in the Keller Conference Center auditorium. The lecture is open to the public.

Ferraro to speak

Former vice presidential candidate Geraldine Ferraro will speak about opportunities for women in the 1990s at 8 p.m. Thursday, Nov. 1, in Eisenhower Auditorium at University Park.

The speech is part of Panhel's Women's Awareness Week and is sponsored by the Panhellenic Council and co-sponsored by other University units.

The event is open to the public, and admission is free. For more information, call 865-3701.

Early childhood conference

The Center for the Study of Child and Adolescent Development in the College of Health and Human Development will present a conference on "The Preschool Child: Recent Research and its Implications for Early Childhood Practice and Policy" at University Park, Nov. 1-2.

The conference will focus on specific practical applications of recent research on young children.

Speakers will discuss the implications of their recent work in cognitive and social development, the assessment of early childhood needs and services, and the challenges of effective communication between researchers and practitioners.

Professional Women at Penn State

Sabrina Chapman, director of the Center for Women Students, will speak on the "Status of Women in American Society" at a meeting of Professional Women at Penn State at 12:10 a.m. Tuesday, Oct. 30, in the Frizzell Room in the Eisenhower Chapel at University Park. The meeting will begin at 11:45 a.m. for informal networking.

Professional Women at Penn State is a

grass-roots group coordinated by University women in which participants can develop and maintain a communications network and serve as a resource for other Penn State women.

The group welcomes attendance from all classifications at the University.

Salvage and Surplus

Due to a recent policy change, bicycles are now available for sale at Salvage and Surplus Warehouse during its regular Friday Sales Stores.

These bicycles may be seen from 8 a.m. to 4 p.m. Monday through Thursday. Purchasing is done during sale hours, Fridays 9 a.m. until 3:30 p.m.

Programs re-accredited

The Penn State Fayette Campus has been notified that all of its engineering technology programs have been re-accredited by the Technology Accreditation Commission/Accreditation Board for Engineering and Technology. The programs include architectural engineering technology, electrical engineering technology, and building energy systems technology.

Penn College honored

Pennsylvania College of Technology's In-Plant Printing Production Operation has been named to the "Top 100 In-Plants in Colleges and Universities" list released by *In-Plant Reproductions* magazine. The College's reproduction and printing operation was honored in a recent issue of the national publication.

The Penn College In-Plant, which employs six full-time persons, produces approximately 3.13 million black and white and color impressions per year. The in-plant's full-scale production includes typesetting and composition, camera, press and bindery operations.

Fulbright program

Opportunities to host a visiting scholar from abroad for all or part of the 1991-92 academic year are available through the Fulbright Scholar-in-Residence Program. Institutions are invited to submit proposals for visiting scholars in the humanities and social sciences. Other fields focusing on international issues also will be considered.

A Fulbright scholar-in-residence may teach regular courses from a foreign area perspective, serve as a resource person in interdisciplinary courses, assist in developing new courses or participate in special seminars.

A copy of a successful University proposal for a scholar-in-residence is available for consultation in the Office of Education Abroad Programs. Contact Elizabeth B. Smith, University Fulbright program adviser, 222 Bouck Building, 865-7681. The deadline for receipt of proposals is Nov. 1. For more information, call Dr. Smith.

Obituaries

Joseph S. Thurston, county agricultural agent, Westmoreland County, died Aug. 22. He was 79.

Mr. Thurston retired June 30, 1972, after 35 years service with Penn State Cooperative Extension. Winner of numerous state and national awards for outstanding educational programs, including the USDA Superior Service Award, he earned his bachelor of science degree in dairy science from Penn State in 1934.

After three years as a dairy herd improvement association supervisor, he joined the Extension staff as an assistant county agent, serving in Westmoreland and Fayette counties. He was promoted to Westmoreland agent in 1950.

Frank G. Bamer Sr., retired professor and chairman of agronomy extension, died Oct. 10 at the age of 94.

He retired from the College of Agriculture faculty in 1961 after 25 years service. During his tenure, he initiated the Cooperative Extension soil conservation work and guided its development. He also helped to modernize the University's work in soil testing.

In addition, he developed fertilizer and seed recommendations in 1951 that became the University's "Agronomy Guide," one of the most widely distributed of the College of Agriculture's publications.

He earned a bachelor of science degree in agronomy from Penn State in 1920.

Patricia A. Meyer, data entry assistant programmer, Computer and Information Systems, from Feb. 1, 1957, until her retirement June 28, 1986, died Oct. 3 at the age of 58.

John A. Dunkel Jr., stockroom inventory clerk, Ebner College of Science, from May 8, 1958, until his retirement July 1, 1988, died Oct. 3 at the age of 60.

Genevieve E. Narehood, residence hall worker, Housing and Food Services, from Nov. 1, 1963, until her retirement April 21, 1976, died Oct. 5. She was 73.

John L. Ferencik, maintenance mechanic, Penn State Beaver Campus, from July 23, 1972, until his retirement Aug. 1, 1983, died Oct. 7 at the age of 72.

Carpoolers

Sharon would like to ride with anyone from Penn Hills during the winter months only. Her work hours are 8 a.m. to 5 p.m., and she can be reached at 863-1764.

Jeze will pay to ride from Philipsburg to University Park; work hours are 8 a.m. to 4:30 p.m. Call 342-5162.

Kathy would like one or two riders to carpool from Altoona or the Bellwood intersection of Route 220 or from Tyrone to University Park; work hours are 8 a.m. to 5 p.m. Call 865-7702.



Members of the Holiday Inn Aerobatic Team, above, perform for Air Expo '90 held Oct. 20-21 at the University Park Airport. At the right, Robert P. Dannaker, airport manager, directs operations from a temporary control tower. Below are two of the vintage military aircraft that were on display. (Photos: Greg Grieco)



Air Expo '90



Focus on the arts

Greek Sing

The theme for the Panhellenic Council's Greek Sing 1990 is "A World Collage on Stage." The theme encourages participating teams to depict world cultures, customs, historical events or recent changes.

This year's Greek Sing will be held at 7 p.m. Friday, Oct. 26, in Eisenhower Auditorium. The event will benefit the Gayle Beyers scholarship fund. Panhellenic women in financial need and displaying academic and leadership achievements are eligible for scholarship consideration.

Tickets are \$3 in advance and \$4 at the door. For more information, call 865-3455 or stop by 201B Heitzel Union Building University Park.

Mime to perform

Dan Kamin, a mime who has earned an international reputation with his unique approach to the art, will perform at 8 p.m. Friday, Oct. 26 in Room 102 Kern Building at University Park.

Seating for the performance, sponsored by the Kern Graduate Commons, a unit of the Office of Union Programs and Operations, is limited to the first 400.

Mr. Kamin combines the mystery and illusions of mime with a zany comic vision of life. His reputation as a master of the art has earned him invitations to perform at the White House, the American Embassy in London, and Lincoln Center. In addition, he has made four specials for the PBS network.

Mr. Kamin has been awarded grants and fellowships from the Pennsylvania Council on the Arts and the National Endowment for the Arts. A frequent performer on college campuses nationwide, he will visit Penn State's Commonwealth Campuses during the 1990-91 season.



Mime Dan Kamin

Day of dance

The University dance faculty will host a career day from 9 a.m. to 4:30 p.m. Saturday, Oct. 27, in 132 White Building at University Park.

Participants will have opportunities to talk with alumni who work in such diverse areas as dance therapy, studio ownership and management, education, choreography and performance.

From 9 a.m. to noon, there will be a panel discussion with alumni working in dance fields. In the afternoon, there will be three dance classes highlighting some of the career options, a dance therapy workshop, an intermediate modern technique class and a repertory class. The cost for the classes will be \$5 for one class, \$7.50 for two and \$10 for three.

For more information, call one of the dance faculty at 865-2720, 863-7368 or 865-7112.

Emerson String Quartet

The Emerson String Quartet, winner of two 1990 Grammy Awards for Best Classical Album and Best Chamber Music

Performance, will perform an all-Mozart concert with clarinetist David Shifrin at 8 p.m. Saturday, Oct. 27, in Schwab Auditorium at University Park.

Presented by the Center for the Performing Arts, it is the second in the series called Mozart 200, commemorating the composer's death 200 years ago.

In its 14th season, the quartet-Eugene Drucker and Philip Setzer, violins; Lawrence Dutton, viola; and David Finkel, cello-has appeared in virtually every major series and festival in the world and recently made its Carnegie Hall debut.

At 3 p.m. Oct. 27, members of the quartet will speak in the Greenroom of Eisenhower Auditorium as part of Artistic Viewpoints, a free lecture series for the



Peter Marshall and Patricia Harty star in the play 'Rumors' set for 8 p.m. Oct. 29 in Eisenhower Auditorium.

audience.

A limited amount of tickets are still available for this concert and others in the Mozart 200 series. Call the Eisenhower Ticket Center at (814) 863-0255 for more information.

Neil Simon's 'Rumors'

"Rumors," Neil Simon's latest Broadway hit starring television star Peter Marshall, will be performed at 8 p.m. Monday, Oct. 29,

in Eisenhower Auditorium at University Park.

Mr. Marshall, former "Hollywood Square" game show host and five-time Emmy Award winner, plays a lawyer who decides not to expose the facts but cover them up instead.

The play is directed by Peter Lawrence, who also directed the national tour of Mr. Simon's "Broadway Bound." Identical to the Broadway production, "Rumors" will use

Please see 'Arts' on page 11.

The arts at...

Ogontz Campus

Contemporary musician Dave Wopat, named "Coffeehouse Entertainer of the Year" by the National Association of Campus Activities, will appear at the Penn State Ogontz Campus at 12:30 p.m., Wednesday, Oct. 31.

Mr. Wopat, who defies conventional music categories, uses a computer-controlled eight-track sequencer, synthesizers and programmable drums in his stage performances. He produces a singular live sound for a solo artist, with up to nine separate instruments programmed to play simultaneously with his live guitar and vocals.

The Campus also will feature six award-winning artists in an exhibit of works addressing environmental concerns Friday, Oct. 26, through Friday, Nov. 16.

Invited artists include Maggie DeBaecke, metals; Steve Donegan, ceramics; Esther Rose Fisher, prints; Carolyn Lare, fibers; Barbara Lember, photography, and Kay

Wood, paintings. The display will be mounted in the Woodland Library.

York Campus

Country Current, the U.S. Navy's country bluegrass group, will perform at 7:30 p.m. Saturday, Nov. 10, in the Penn State York Campus gymnasium.

Formed in 1973, the seven-member group is recognized for its versatility in all aspects of country and bluegrass music. Country Current often features a five-member acoustic bluegrass ensemble and guitar-fiddle duo, both comprised of various group members.

Master Chief Musician Bill Emerson is Current's director and also performs on banjo and vocals.

Admission is by ticket only. Tickets are available free on campus on a first-come, first-served basis in the Office of Student Programs and Services or in the lobby area of the Main Classroom Building.

Penn State-Behrend

Two films in the "Swept Away: Women on the Edge" film series about women offered by Penn State Erie, The Behrend College will be presented in November.

"Vagabond" directed by Agnes Varda will be shown at 7:30 p.m. Thursday, Nov. 1, and "Desert Heart" directed by Donna Deitch will be shown at 7:30 p.m. Thursday, Nov. 8, both in Reed Hall.

Other upcoming events include a performance by French pianist Marylene Dosse of the School of Music faculty at 8 p.m. Tuesday, Nov. 13, in Reed Hall; the Eastman Opera Theatre's abbreviated version of "La Boheme" by Puccini as part of the campus' Music at Noon: The Logan Wintergarden Series on Monday, Nov. 5; and the Penn State-Behrend Matchbox Players' performance of "The Day Room" by Don DeLillo at 8 p.m. Nov. 6 to 10 and 13 to 17 and at 2 p.m. Nov. 11 and 18.

University Park Calendar

October 25--
November 4

Special Events

Thursday, October 25

Bach's Lunch, 12:10 p.m., Eisenhower Chapel.
Avant-Garde Trombone Quartet.
Shaver's Creek, Pumpkin Carving, 7-9 p.m. Call 863-2000.

Friday, October 26

WISE Forum, brown bag lunch, noon-1 p.m., 301 HUB, Panel of graduate students on "Women in Scientific and Technical Graduate School."
Shaver's Creek, Halloween Trail, 7-10 p.m. Also Oct. 27 and Oct. 28, 6-9 p.m. Call 863-2000.
Kern Graduate Commons, 8 p.m., 103 Kern. Dan Kaman, mime.

■URTC, 8 p.m., Playhouse Theatre "Merchant of Venice," through Nov. 3.
School of Music, 8 p.m., Recital Hall, Penn State Philharmonic.

Saturday, October 27

Day of Dance, 9 a.m.-4:30 p.m., 132 White Bldg. Alumni panel discussion (morning), dance classes (afternoon).

Center for the Performing Arts, 8 p.m., Schwab Aud. Emerson String Quartet

Sunday, October 28

Carnegie Hall Film Series, 7 p.m., 203 Willard.
Muldrill Pine (1945): 8:45 p.m. *Miscellaneous* (1966), Free.

Monday, October 29

■Comp. Lit. Luncheon, 12:15 p.m., 101 Kern.
Caryl Emerson, Princeton, on "Mikhail Bakhtin: Major Concepts, Major Controversies." Also 8 p.m., 101 Kern, on "Bakhtin on Novels and Others."
Women's Studies Student Affairs Committee, 12:15-1 p.m., 12 Sparks.

Center for the Performing Arts, 8 p.m., Eisenhower Aud. Neil Simon's *Rainbow*.
■Contemporary Scholarship on Lesbian and Gay Wives, 8 p.m., HUB Gallery, Walter L. Williams, Univ. of Southern California, on "Beyond Homophobia: Learning from American-Indian and Asian-Pacific Cultures."

Tuesday, October 30

Brown Bag Lunch, 11:45 a.m., Frizzell Room, Eisenhower Chapel. Sabrina Chapman on "Status of Women in American Society."
■Education Abroad, panel discussion, 7:30 p.m. Paul Robeson Cultural Center. Students will discuss their experiences.

Women's Alliance, candidates' night, 7:30 p.m., 305 HUB.

Play, "Same Square of Dust," 8 p.m., Palmer Museum of Art. Also Nov. 1-3, 8 p.m.; Nov. 4, 2 p.m.

School of Music, 8 p.m., Recital Hall, Penn State Percussion Ensemble.

Wednesday, October 31

Penn State Chapter/National Association of Science Writers, roundtable, 11:45 a.m., 313 Kern. Dr. William B. Lacy on "Public Opinion on Biotechnology."

Brown Bag Lunch Series, film/discussion, noon-1 p.m., 120 Bouckie. *Two Million Women: Domestic Violence*.

Center for the Performing Arts, 8 p.m., Eisenhower Aud. Philip Glass Ensemble. "Koyaanisqatsi Live."

Thursday, November 1

Women's Studies, 7 p.m., Eisenhower Aud. Geraldine Ferraro on "Opportunities for Women in the '90s: Women as Leaders in our Society."



The Emerson String Quartet will perform at 9 p.m. Oct. 27 in Schwab Auditorium.

School of Music, 8 p.m., Recital Hall, Eric and Mary Ross.
Child Development, lecture, 8 p.m., Keller Aud. Robert B. McCall, Pitt, on "The State of Early Childhood Needs and Services in Pennsylvania."

Friday, November 2

Geog. Coffee Hour, 4 p.m., 319 Walker. Craig Humphrey on "Saving the Planet: What in the World is Happening?"
Shaver's Creek, Owl Prowl, 7-9 p.m. Call 863-2000.

Center for the Performing Arts, 8 p.m., Eisenhower Aud. Wynton Marsalis.

Saturday, November 3

Shaver's Creek, Cellar Holes and Stone Walls, 1-4 p.m. Call 863-2000.

Sunday, November 4

Carnegie Hall Film Series, 7 p.m., Lady From Singha (1948): 8:45 p.m. *Agathe, The Walls of God*, (1972), 203 Willard. Free.

Conferences

Continuing Education

Keller Building

Oct. 29-30, C.I.E. Conference. Craig Bernerke, chair, Norm Lathbury, coordinator.

Oct. 29-31, Coal Mining Production Engineering. Stanley Subolski, director, Barb Impellitteri, coordinator.

Oct. 29-Nov. 9, Police Executive Development Institute. James Horner, chair, Kathy Karchner, coordinator.

Oct. 29-Nov. 2, Institutional Facilities Management. James Myers, chair; Norm

Lathbury, coordinator.

Oct. 30-31, Lighting Research Institute. Craig Bernerke, chair, Norm Lathbury, coordinator.

Oct. 30-Nov. 1, Mammalian Cell Cultures Workshop. Jim Shilline, chair, Eric Loop, coordinator.

Oct. 31-Nov. 2, The Preschool Child and Recent Research. David Estes, chair, Eric Loop, coordinator.

Nov. 2-3, Town Gown Community Conference. Stanley Latta, chair, Jerri Milson, coordinator.

Seminars

Thursday, October 25

Polymer Science, 9 a.m., 301 Steidle. Alan English, Dupont, on "Molecular Dynamics in Crystalline Polyamides."

Economics/Institute for Policy Research and Evaluation, 2:30 p.m., 69 Willard. Maurice Obstfeld, UC/Berkeley on "Consumption Variability and International Risk-Sharing." Physics Colloquium, 3:30 p.m., 55 Osmond Lab. Alfred Mueller, Columbia, on "QCD at High Energies."

Paul T. Baker Lecture, 3:30 p.m., 112 Kern. Dr. Luca L. Cavalli-Sforza, Stanford, on "Genes and Archaeology."

Computer Science Colloquium, 4 p.m., 325 Whitmore Lab. John R. Gilbert, Xerox, on "Preordering for Sparse Matrix Factorization."

Friday, October 26

■Lentendy Pajeksi, 3:45 p.m., 204 Patterson. Mandy Lentendy Pajeksi on "The Effect of European Corn Borer on Nutrient Partitioning in Corn."

Monday, October 29

Agriculture and Artificial Intelligence. Lecture noon 1 p.m., 301 Ag Admin. Dr. Michael A. Foster on "Quality Control for Expert Systems Verification, Validation and Evaluation." FFE, 4 p.m., 150 Davey Lab. Ian Wo Qu Stony Brook, on "Power Law Corrections in QCD."

Tuesday, October 30

Chemical Engineering, 2:45 p.m. Paul Robeson Aud. 1 David Hellman, Rice Univ. on "Experimental and Mathematical Simulation of Transport in the Microcirculation."

Chemistry Colloquium, 3:30 p.m., 55 Osmond Lab. Peter G. Schultz, Univ. of Calif. on "New Approaches Toward the Design of Biological Catalysts."

Graduate Program in Nutrition, 4 p.m., 5:204 Henderson. Anita L. Owen, National Dairy Council, on "Consumer Trends in Nutrition and Health."

Biology, 4 p.m., 8 Mueller Lab. Janis Antonovics, Duke Univ. on "Plant Vernal Diseases."

Condensed Matter Physics, 4 p.m., 339 Davey Lab. Paul Cutler on "Detection of Infrared and Visible Radiation Using STM, and the Measurement of an Operational Tunneling Time."

Thursday, November 1

Polymer Science, 9 a.m., 301 Steidle. Hilary Hampch, Kodak/Purdue, on "Non-Linear Optics of Polymer Systems."

Physics Colloquium, 3:30 p.m., 55 Osmond Lab. Pierre C. Hohenberg, AT&T Bell Labs on "Nonequilibrium Patterns."

Accounting/MIS research colloquium, 3:30-5:30 p.m., 201 BAB. Marilyn Gascho Lipe, U. of Mich.

Gerontology Center Colloquia, 4:55 p.m., 106 Mitchell. Leslie Morgan, Univ. of Md., Baltimore, on "Small Board and Care Homes for the Elderly: A Case of Social Marginality."

Exhibits

Chambers Gallery

Undergraduate Prints and Books, through Nov. 30.

HUB Galleries

Browsing Gallery

Rosemary Gaseck, through Oct. 28-Dec. 1

Browsing Gallery: Art Alley Panels Cases: ■Biodiversity: Land and Water Management, through Oct. 27.

Formal Gallery:

■Turkish Carpets: Art and History, through Oct. 27.

Palmer Museum of Art

■The Machines of Leonardo da Vinci, through Nov. 4.

■The Save River: A New History, through Dec. 21.

Pattee Library

Rare Books Room:

■Body and Mind in the Middle Ages and the Renaissance, through Nov. 21.

■Biodiversity: How to Tell the Birds from the Flowers, through Nov. 21.

Zoller Gallery

■Book of the Seven Lagoons, through Nov. 4.

■Reflects an international perspective

Faculty and staff members are honored with awards

Staff achievement

H. Ann Harpster, Copy Center operator in the College of Health and Human Development, received the first annual Carol Clark Ford Staff Achievement Award.

The newly established award recognizes staff members who create conditions that make it easier for others to accomplish their objectives effectively and efficiently. The award was endowed by Donald H. Ford, former dean of the College of Human Development, in honor of his wife, Carol Clark Ford.

Ms. Harpster became Copy Center operator for the former College of Human Development in 1978. Previously, she was a mail services worker in the College of Agriculture.

She handles all facets of the center's operation, including inventory and employee supervision. She is also an invited lecturer in the School of Hotel, Restaurant, and Institutional Management, where she helps students with menu design and layout.



H. Ann Harpster

permanent Scholarly Excellence Award plaque in the Eberly Building. Professor Meredith has been involved with computer applications in the heating, ventilating and air-conditioning industry. With his students, he has developed software that will automate the design process.

Academic advising

John W. Moore, assistant professor of English and comparative literature, has received a 1990 Certificate of Merit Award from the American College Testing/National Academic Advising Association's National Recognition Program for Academic Advising.

The national award is given to those who demonstrate outstanding academic advising abilities.

"We are delighted that John Moore is being recognized nationally for his exemplary academic advising, although it comes as no surprise," Eric White, director of the Division of Undergraduate Studies, said. "Last year we chose John to speak at the annual DUS Fall Conference because he is dedicated to advising and recognizes the importance of advising in the educational experience of students."

Dr. Moore's past honors include winning the Liberal Arts Teaching Award in 1981, the Christian R. and Mary F. Lindback Award for Distinguished Teaching in 1983, and the University's Excellence in Advising Award in 1989. He has also been elected Teacher of the Year six times by English Department graduate students.

The author of *Edmund Spenser—An Annotated Bibliography of Recent Scholarship, 1973-1988* and numerous articles and abstracts, Dr. Moore now is serving as associate head of the English Department.

Scholarly excellence

David B. Meredith, assistant professor of engineering at the Penn State Fayette Campus, has received the Fayette Campus Scholarly Excellence Award.

The award is given to those who have developed new ideas/information in their professional discipline or field. Professor Meredith received a \$1,000 cash award and a certificate. His name will be placed on the



John W. Moore

research and publication.

Evelyn Hovanec, director of academic affairs, **Sherry Brusco**, secretary to the director of business services, **Tim Duvall**, technical service employee, and **Paul Shier**, maintenance foreman, received the Service Award.

Dr. Hovanec was cited for her tireless campus service and development of new programs, especially the EGNAS program. Title III, writing across the curriculum and faculty/staff involvement.

Ms. Brusco was cited for her helpfulness, caring, knowledge and resourcefulness.

Mr. Duvall was praised for his well-organized, helpful and courteous manner in solving problems in crisis situations. Mr. Shier was commended for his dedication and commitment to the campus.

Judy Kalich, director of university relations, and **Peter Kai**, assistant professor of military science, received the Leadership Award.

Ms. Kalich was recognized for her efforts on behalf of the Campus Scholarship Campaign, which ended a year ahead of schedule and exceeded its \$500,000 goal by \$150,000.

Maj. Kai was credited with building an ROTC program at the campus that is recognized as the "best in the state." Within three years, the program grew to an enrollment of 120 cadets.

Continuing Education

Ten awards were presented to Penn State Continuing Education staff members during a recent annual meeting of members of the Division from all University locations.

The presentation included seven awards under a new staff recognition program developed by the Division to highlight outstanding achievement in a variety of continuing education areas, and two awards from the National University Continuing Education Association.

Award winners included:

Donald A. Gogniat, director of continuing education at the York Campus, the Vice President's Award for superior leadership, vision and the highest standards of achievement in the performance of

professional duties and responsibilities; and the Service to the Profession Award.

Waverly Coleman, area representative at the Delaware County Campus, the Marybeth Reese Distinguished Service Award for outstanding service to the University and to the people of the Commonwealth, exemplifying commitment to the ideals of responsible citizenship.

Beatrice Landis, area representative at the Lancaster Center, the Emerging Continuing Education Professional Award.

Edward J. Donovan, director of continuing education at the McKeesport Campus, the Outstanding Marketing and Outreach Award.

Gale J. Siegel, adult education vocational counselor at the Ogontz Campus, and **Wendie C. Coble**, secretary to the director of administrative services, co-winners of Continuing Education staff awards.

Kenneth A. McGeary, director of continuing education at the Allentown Campus, the Creative and Innovation Award.

Awards from the National University Continuing Education Association went to **Charles R. Garolin**, assistant director of the Palmer Museum of Art, for development of the continuing education workshop "The Business and Politics of Collecting Art," **Andrew J. Pelka** and **J. Randall Baldini**, of the Continuing Education Department of Public Information and Publications, for their roles in producing marketing communications pieces for the Penn State sports camps.

Research award

Alegria Bendelac, professor of French and Spanish at the Penn State Schuylkill Campus, has received the 1990 Faculty Research Award presented annually by the campus faculty organization.

Dr. Bendelac has been a member of the campus faculty since 1976. Her main area of research has been involved with the collection of oral and written data on Jaquetta, the dialect of the Jewish communities of Northern Morocco, and a mixture of old Spanish, Hebrew and Arabic languages.

From the materials she has collected thus far, she has published four articles and a book, which highlights the cultural and spiritual portrait of this ethnic group through members testimonies and their language.

Teaching award

Wesley Rhodes, associate professor of physics at the Penn State Schuylkill Campus, is the 1990 recipient of the Schuylkill Teaching Award presented annually by the faculty organization on campus.

Dr. Rhodes, a member of the Penn State faculty since 1965, joined the faculty at Schuylkill Campus in 1969.

He received his bachelor's degree in physics from Temple University, his master's from Bucknell University and his Ph.D. in theoretical nuclear physics from Penn State.



Penn State People

Rick Baylotts

Rick Baylotts, sign painter apprentice with the Office of Physical Plant, uses paint and gold leaf to hand-letter an office door in Old Main. His work varies from painting doors, signs and vehicles to engraving plastic and brass signs to painting the grass on the end zones of Beaver Stadium football field. "I enjoy the job," he says. "There's a lot of variety in the kind of sign work we do." A staff member for 17 years, Mr. Baylotts is nearing completion of his five-year apprenticeship in sign painting. (Photo: Greg Grieco)

Penn Staters

Daryl Durran, assistant professor of music, gave a presentation titled "Just Intonation or Some Half-steps are More Equal Than Others" at the 19th annual meeting of the International Double Reed Society held at Louisiana State University, Baton Rouge.

Robert B. Eckhardt, associate professor of anthropology, delivered an invited lecture titled "Morphological Variation and Trans-Species Genetic Polymorphisms in Hominoid Primates" at the Institute der Anthropologie und Humangenetik of Johann Wolfgang Goethe Universität in Frankfurt am Main, Bundesrepublik Deutschland.

John Gamble, professor of political science, Penn State Erie, The Behrend College, has been invited as a visiting professor of the Faculty of Law, University of Victoria, Victoria, British Columbia, Canada.

Carl Kallgren, assistant professor of psychology, and **Robert Tauber**,

associate professor of education, both at Penn State Erie, The Behrend College, made a presentation on the advantages of conveying scientific information in poster format at the 22nd International Congress of Applied Psychology in Kyoto, Japan.

Howard G. Knutigen, director of the Center for Sports Medicine, has been appointed chairman of the Publications Advisory Committee of the Medical Commission of the International Olympic Committee.

Robert Lima, professor of Spanish and comparative literature and Fellow, Institute for the Arts and Humanities Studies, was awarded second prize for travel writing by the Cruise World Society of Hamburg, West Germany. His article, which will be published in *The Cruise World Society News*, described his 1989 visit to Greece and Turkey.

Mary Preuss, associate professor of Spanish, Penn State McKeesport

Campus, has completed a taping project on oral narratives from Maya Indians in Yucatan, Mexico. Dr. Preuss also presented the paper "Ah Tomohchi: Prophet of the Past and Future" at the VIII International Symposium on Latin American Indian Literatures.

Marshal W. Ratfel, professor of health policy and administration, spoke to the Hungarian Healthcare Management Foundation on the United States' experience in organizing and financing health services, and addressed the staff of the hospital in Nové Zámky, Czechoslovakia, on healthcare services management and quality assurance.

Michael A. Smyer, associate dean for research and graduate studies in the College of Health and Human Development, has been elected a Fellow in the Society for the Psychological Study of Social Issues.

Albert Stiehl, assistant professor of engineering, Penn State McKeesport

Bookshelf

Ronald L. Filippelli, professor of labor studies and industrial relations, is editor of *Labor Conflict in the United States: An Encyclopedia*, published by Garland Publishing (New York and London).

Labor Conflict in the United States examines more than 250 contentions between capital and labor in the United States from 1601 and 1988.

The accounts include all the major conflicts, as well as many lesser known strikes, lockouts and worker uprisings, arranged alphabetically from the Actors' Strike of 1919 to the Yale University clerical strikes of 1984 and 1985.

In addition to editing the book, Dr. Filippelli was the author of approximately half of the entries.

Robert Plomin, professor of human development and director, Center for Development and Health Genetics, in the College of Health and Human Development, has written *Nature and Nurture: An Introduction to Human Behavioral Genetics*.

The book, published by Brooks/Cole, provides a brief overview of the methods and findings of the field of behavioral genetics. It is intended to be especially useful to researchers in other fields.

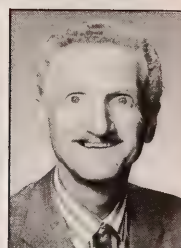
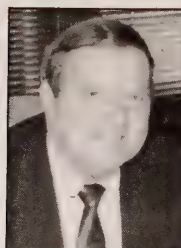
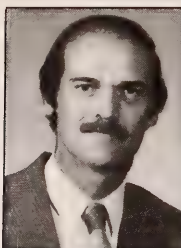
The book emphasizes the role that both heredity and the environment play in personality, IQ, memory, illnesses and other areas. Five broad topics are covered: the reasons why people differ; the ways heredity affects behavior; the methods of behavioral genetics; an overview of the evidence for genetic influence in intelligence, personality and psychopathology; and a behavioral genetics view of the "nature" or environmental side of the nature-nurture issue.

Campus presented a paper on "Computer Simulation of the Shock Induced Dynamic Response of a Coated Beam in Water with Cavitation, Stress Wave, Hysteresis and Strain Rate Effects" at the International Conference on Computer Use in Engineering of the American Society of Mechanical Engineers.

Ronald V. Bettig, assistant professor of communications, presented a paper, "Capitalism, the State and Intellectual Property: the Case of the Compulsory License for Cable," at the 17th Conference of the International Association for Mass Communications Research in Bled, Yugoslavia.

Frederick A. de Armas, professor of Spanish and comparative literature, presented a paper titled "Claromonte's New World: Representing the Other in 'El nuevo rey Gallinato'" (the new king Gallinato) at the XVII Congress of the International Federation for Languages and Literatures in Novi Sad, Yugoslavia.

25-year award recipients



Observing 25 years service at the University are, from left, Bonnie Bartley, secretary, Commonwealth Educational System; John Garell, assistant professor of mathematics at the Penn State Shenango Campus; Donald L. Patches, audiovisual technician,

Department of Educational Resources, Hershey Medical Center; James J. Staudenmeier, campus executive officer, Penn State Hazleton Campus; G. Thomas Tait, associate professor of exercise and sport science.

Promotions

Staff Exempt

Stephanie L. Barone to assistant director of Student Services.
James E. Bowen to manager, Housing and Food Services at Behrend College.
Dane R. Foust to assistant director in Student Services.
Wayne R. Haas to project coordinator in Agriculture.
Harold F. Hahn to supervisor trades in Physical Plant.
Jean M. Hughes to financial officer in Corporate Controller's Office.
Kathleen M. Lathbury to administrative assistant in Physical Plant.
William Piekielek to project coordinator in Agriculture.
Patricia A. Shaw to administrative head nurse at Hershey.
Martin S. Smith to senior applications programmer/analyst in C&S-Management Services.
Thomas Stapleton to assistant director of business services at Berks Campus.

Staff Non-Exempt

Diane L. Good to coordinator, cardiology services at Hershey.
Bonnie J. Meck to vascular radiology technician at Hershey.
Sharon L. McClinton to administrative aide in Education.
Jeffrey R. Novosel to senior drafter, electromechanical in Applied Research Lab.

Clerical

Lisa Armstrong to secretary C in Business Administration.
Ruth A. Brown to clerk B in Penn State Bookstore.
Carol A. Foster to secretary C in Research and Graduate School.
Rebecca Halpeny to secretary B in Science.
Marlene B. Hetrick to secretary B at McKeesport Campus.
Yvonne L. Hiner to secretary B in Commonwealth Educational System.

Catherine M. Houser to business office clerk in C&S-Telecommunications.
Richard S. Houtz to business office clerk in C&S-Telecommunications.
Susan E. Kelleher to secretary B in Agriculture.
Joanne M. Liner to secretary B in Academic Services.
Cathy E. Lutz to secretary A in Science.
Rosemary C. Mollura to accounting clerk at Great Valley.
Grace E. Neff to business office clerk in C&S-Telecommunications.
Kay Partenhimer to secretary B in Commonwealth Educational System.
Cheryl L. Reitz to secretary B in Student Services.
Mary E. Roy to accounting clerk in Engineering.
Tina Schall to secretary B in Academic Services.
Linnea L. Slaybaugh to secretary A in College of Agriculture.
Dianne K. Taylor to secretary A in Research and Graduate School.

Susan L. Taylor to business office clerk in C&S-Telecommunications.
Rita E. Tink to clerk, typist A in Division of Development and University Relations.
Sally B. Toner to senior business office clerk in C&S-Telecommunications.
Phyllis J. Alexander to secretary B in Arts and Architecture.
Janice Archey to kiosk receptionist B in University Safety.
Julie H. Billotte to clerk A in Applied Research Lab.

Technical Service

James R. Lobb to maintenance worker, utility in Physical Plant.
Michael S. McClure to mail clerk/security guard in Applied Research Laboratory.
Mary L. Seprish to residence hall utility worker in Housing and Food Services.
Alice L. Solt to food preparer A in Housing and Food Services.
Thomas Weaver to maintenance worker general B at Wilkes-Barre Campus.

Faculty/Staff Alerts

Courses for faculty and staff

The Human Resource Development Center has openings in the following courses. Call the Center at 865-3410 for registration information.

Proofreaders Designed to reduce errors in proofreading by teaching participants how to proofread through a series of scans rather than reading word for word. Meets from 1:15 to 3:30 p.m. Mondays and Thursdays, Nov. 5 through Nov. 19; cost: \$125.

Supervision Series/Interpersonal Skills-Supervisory Management II Teaches the interpersonal skills of supervision. All sessions emphasize practical application of new skills through role playing; meets every Tuesday and Friday for 11 sessions

beginning Nov. 6; cost: \$35 per session or \$275 for the entire series.

The New Supervisor The three main components of this program are the management of work, the management of others, and the management of self; meets from 1:30 to 4:30 p.m. Tuesday and Friday, beginning Nov. 6; cost: \$95.

Managing Stress Through Assertiveness Focuses on specific assertive techniques to use in reducing your stress level; meets from 9 a.m. to 4 p.m. Wednesdays, Nov. 7; cost: \$55.

Defensive Driving-4 Designed to help you save your time, money, and life by showing you how avoid the needless pain of accidental injury and the needless expense of traffic tickets; meets from 9 a.m. to noon Wednesday, Nov. 14; cost: none.

Healthpass growth continues

As of Sept. 30, 8,665 faculty and staff members enrolled in Healthpass. The University's preferred provider for healthcare coverage. This represents an increase of 617 since last year.

Healthpass was introduced on Nov. 1, 1986, and is available to faculty and staff at University Park, Penn State Harrisburg, The Milton S. Eisenhower Medical Center and the Altoona and Berks campuses. Efforts continue to expand the network to other locations.

Individuals who are not members of Healthpass, but who would like to become members, are reminded that they may make the change as of Jan. 1, 1991. Also, full-time employees who are members of Healthpass and wish to change to the

conventional coverage, Plan A, may do so on the same date. Anyone desiring to make a change must notify the Employee Benefits Division in writing prior to Dec. 31.

Visitor parking fees

Visitor parking fees will increase from \$2 a day to \$3 a day, effective Jan. 1, 1991. Meter fees will increase proportionally from 25 cents an hour to 25 cents for 40 minutes. Half-day visitor parking permits will be \$15.00. Short-term meter fees will stay at 25 cents for 30 minutes. The booklets of 10 visitor parking permits will increase from \$10 to \$15. Faculty/staff booklets of parking permits will remain at \$5 for open lots and \$4 for part-time lots.

Promotions

Staff Exempt

Michael J. Beam to associate research engineer in Applied Research Laboratory.
Gregory L. Fredericks to system program coordinator in Applied Research Lab.
Donna M. Lahay to nurse specialist at Hershey.
Robert H. Malte to director, inpatient services at Hershey.
Beth Mark to supervisor, surgery research animal lab at Hershey.
Philip N. Mowrey to research support associate at Hershey.
Jill M. Paige to microcomputer systems consultant in Center for Academic Computing.

Staff Non-Exempt

Susan M. Achenbach to vascular radiology technician at Hershey.
Karen J. Mays to coordinator, residency program at Hershey.
Sharon L. Menzies to research technician at Hershey.
Tina M. Rutherford to research technician at Hershey.
Robert A. Sattazahn to staff nurse, radiology at Hershey.
Kathleen J. Smith to research technician at Hershey.
Brian S. Snyder to research technician at Hershey.
Linda A. Stine to research technician at Hershey.

Hershey.
Michele B. Wetzel to administrative head nurse at Hershey.

Sally M. Walters to clerk, periodicals check-in, University Libraries.

Technical Service

John T. Enigh to maintenance worker, utility in Office of Physical Plant.
Leon P. Fetterolf to electronics laboratory technician in Engineering.
Linda D. Hyde to utility worker at Hershey.
Maria Keeskes to environmental health worker, group leader at Hershey.
Craig S. Kreider to farm machinery and facility mechanic A in Agriculture.
Jeffrey R. Pernesky to maintenance worker, general A at DuBois.
Kevin M. Slippey to carpenter A in Office of Physical Plant.
Joe W. Zimmerman to lead painter in Office of Physical Plant.

Focus on the arts

Continued from page 6.

the original lighting designs of Tharon Musser, scenic designs of Tony Straies and costume designs of Joseph G. Aulisi.

Tickets are available through the Eisenhower Auditorium Ticket Center, open 8:30 a.m. to 4:30 p.m., Monday through Saturday.

Russian literature

Caryl Emerson of Princeton University, a leading expert on Russian literary theory and literature, will deliver two lectures at University Park on Monday, Oct. 29.

She will speak on "Bakhtin: Major Concepts, Major Controversies," focusing on the works of the leading Russian literary theoretician Mikhail Bakhtin, at 12:20 p.m. in 101 Kern Building during the Comparative Literature Luncheon. She also will lecture on "Bakhtin on Novels, Selves and Others" at 8 p.m. in 101 Kern.

Her visit is co-sponsored by the Slavic, English and Comparative Literature departments.

The arts on Channel 3

Tom Foral, assistant professor of theater arts, gives a chilling performance as a psychopath with an unpleasant telephone manner in an encore presentation of *Eveing Inquires*, a 60-minute Penn State Drama Group production airing at 10 p.m. Monday, Oct. 29.

The teleplay, which also features Peg French, a faculty member in the Theatre Arts Department, was co-produced and co-directed by Bob Leonard, associate professor of the theatre arts, and Gary Perdue, senior producer/director at WPX-TV. It was videotaped at various locations around State College.

As the first telecast of its 1990-91 season, *The Metropolitan Opera* will present Franco Zeffirelli's production of Mozart's "Don Giovanni" at 8 p.m. Wednesday, Oct. 31.

James Levine conducts, and the cast includes Carol Vaness as Donna Anna, Karita Mattila as Don Elvira, Samuel Ramey as Don Giovanni, Ferruccio Furlanetto as

Leporello, Philip Cokorinos as Masetto and Kirk Moll as the Commendatore.

'Same Square of Dust'

A play based on the true story of the first trans-Pacific airplane flight will open at 8 p.m. Tuesday, Oct. 30, at the Palmer Museum of Art at University Park.

"Same Square of Dust" by Australian playwright Mary Gage tells the story of the friendship between Australian pilots Charles Kingsford Smith and Keith Anderson. Mr. Kingsford Smith made the first trans-Pacific flight in 1939, one year after Charles Lindbergh crossed the Atlantic.

Performances are scheduled nightly at 8 p.m. from Oct. 30 through Nov. 3, with a 2 p.m. matinee on Saturday, Nov. 4. Admission is free, but tickets are required. Tickets are available at the museum store on the first floor of the museum. For more information, call 865-7672.

Percussion Ensemble

The Penn State Percussion Ensemble will perform in concert at 8 p.m. Tuesday, Oct. 30, in the Recital Hall of the Music Building at University Park.

The program spans four decades of percussion music including "Toccata" by Chavez, written in the early 1950s before percussion ensembles gained notoriety. Other works in the program include "Ritmica No. 6" by Roldan, "Creation and Rebirth" by LaRosa, "Life-Off" by Peck, "Extremes" by Mancini and "Waltz from Eugene Onegin" by Tchaikovsky.

The ensemble is under the direction of John Ruck, former percussion instructor at Susquehanna University.

Radio 'Odyssey'

On "A Public Conversation," the next episode of "Odyssey Through Literature," social critic Ivan Illich argues that a radio interview is not a conversation, but an act of prostitution.

Clerical

Katherine Ekingner to secretary B at Capital.
Linda D. Heefner to senior patient unit secretary at Hershey.
Sandra E. Hoover to secretary A in Office of the President.
M. Jane Kinsey to secretary A at Capital.
Claire E. Markham to secretary B in Education.
Monica L. Nachman to secretary B in Office of the President.
Rebecca A. Spear to senior patient unit secretary at Hershey.
Sandra L. Stoner to clerk, data and statistical at Hershey.

"Technically, this is intellectual intercourse of two people locked into this lonely studio with a glass window separating us from the listeners, and a machine which looks through the keyhole seeing how they do it," he says.

He will be interviewed by host Leonard Rubinstein.

"Odyssey Through Literature" is produced by the Department of Comparative Literature and airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

'Koyaanisqatsi'

Philip Glass and his ensemble will perform his award-winning soundtrack for the film "Koyaanisqatsi," which will be shown on a giant screen overhead during the performance, at 8 p.m. Wednesday, Oct. 31, in Eisenhower Auditorium.

Presented by the Center for the Performing Arts, the multimedia event includes Mr. Glass' original music. The film, which has no plot, characters or dialogue, is named for the Hopi Indian word meaning "life out of balance."

Burt Fenner, professor of music, will discuss Mr. Glass' work at 7 p.m. immediately before the concert/film, as part of the free lecture series Artistic Viewpoints.

Tickets are available from the Eisenhower Auditorium Ticket Center, (814) 863-0255.

Multimedia artists

Eric Ross, musician and composer, and his wife Mary, photographic, video and computer artist, will combine their talents to perform a multimedia concert at 8 p.m. Thursday, Nov. 1, in the Recital Hall of the Music Building at University Park.

The concert, sponsored by the schools of Music and Visual Arts, will present original works that combine electronic and acoustical music with video synthesis.

The concert, which is free to the public, is supported by "Meet the Composer," a national composer service organization.

Chamber Singers

The Penn State Chamber Singers will perform in concert at 12:10 p.m. Thursday, Nov. 1, in Eisenhower Chapel at University Park.

The 20-minute concert is part of the Bach's Lunch Concert series, sponsored by the School of Music and the University Lutheran Parish.

The group is directed by D. Douglas Miller of the School of Music faculty and includes 16 singers selected from within the Concert Choir.

One-man show

Richard Cordery, an internationally known Shakespearean actor, will perform an original one-man tribute to the legendary dramatist at 7:30 p.m. Thursday, Nov. 1, in Kern Auditorium at University Park.

Titled "Can such Things Be Without our Special Wonder," the show takes the audience on a journey through Shakespeare's life, beginning with his birth in plague-ridden Stratford to his death after a heavy drinking session with fellow dramatist and rival Ben Jonson. Mr. Cordery, who spent a year studying at Penn State in 1970, will be on campus for a week-long residency. The performance is free to the public. The performance and residency are sponsored by the Institute for the Arts and Humanistic Studies and the departments of English, Theatre Arts and Integrative Arts.

Wynton Marsalis

Eight-time Grammy winner Wynton Marsalis will perform in concert at 8 p.m. Friday, Nov. 2, in Eisenhower Auditorium at University Park. The event is presented by the Center for the Performing Arts.

The jazz trumpeter's performance will include many selections from his albums. Also on stage will be his six-piece band with grand piano, drums, trombone, bass, alto and tenor saxophones.

Tickets are available at the Eisenhower Auditorium Ticket Center, (814) 863-0255.

Students to earn academic credits for community work

A new program that allows students to earn academic credit for performing community service will begin in the College of Health and Human Development.

Called **SERVE** for Students Enrolled in Relevant Volunteer Education, the program allows students to integrate community service into an existing course for one additional credit.

It is one of several community service programs being implemented at Pennsylvania colleges and universities.

Gannon University, Lafayette College and Wilson College also are beginning programs this year, all with grants from the Pennsylvania Campus Compact of the Pennsylvania Association of Colleges and Universities.

"Students in our college have had many opportunities for volunteerism in the past, but now they can earn credit for it," according to Anne C. Petersen, dean of the College of Health and Human Development.

"We think that this program will add

relevance and responsibility to education. It can be a way to stimulate student interest in volunteering and to develop a pattern of civic pride and values that we hope will continue throughout life."

The **SERVE** option currently is available in six courses offered by the college: two in human development and family studies, and one each in health education, exercise and sport science, nutrition and leisure studies.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. **APPLY BY CALLING THE EMPLOYMENT DIVISION, 865-0304.** Applications for

these staff vacancies will be accepted until **Nov. 1. DO NOT CONTACT THE AREA THAT HAS THE VACANCY.** Applications for staff vacancies are considered in accordance with Fair Employment practices (PS-1) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion,

national origin, handicap or age (as provided by law) sex, or status as a disabled or Vietnam era veteran.

***01067, Technical Illustrator, Applied Research Laboratory, ARL Administration, University Park Campus** - Responsible to the manager Communications Support Services, for conceiving, designing and illustrating various artwork and charts for use in technical publications, reports, brochures and presentations. Requires bachelor's degree or equivalent, in art, engineering, graphics or related field, plus one to two years of effective experience, including working knowledge of computer illustration and graphics. U.S. citizenship required. **STAFF GRADE 5**

***01068, Assistant to the Assistance Vice President, Customer Service, Office of Physical Plant, Assistant Vice President for Physical Plant, University Park Campus** - Responsible to the assistant vice president for the customer service liaison between OPP and other segments of the University. Requires bachelor's degree or equivalent, in business statistics liberal arts, communications or related field plus one to two years of effective experience. Excellent written and oral communication skills are necessary. The ability to apply statistical and quantitative analytical techniques preferred. **STAFF GRADE 6**

***01069, Medical Assistant, Women's Health Department, Student Services, University Health Services, University Park Campus** - Responsible to the physician-in-charge for providing clinical and nursing support services in the Women's Health Department. Requires high school graduate or equivalent with

completion of certification as medical nursing assistant, plus three to six months of effective experience. Experience in medical setting desired. **THIS IS A NINE MONTH, FIXED TERM APPOINTMENT FUNDED THROUGH JUNE 30 1991. WITH VERY GOOD POSSIBILITY OF RE-FUNDING. STAFF GRADE 2.**

***01070, Conference Services Assistant, Nittany Lion Inn, University Park Campus** - Responsible for scheduling conventions and conferences, maintaining liaison with various departments concerning existing and potential business, assisting in developing and maintaining departmental budget, and supervising assigned employees in the sales and catering department. Requires associate degree, or equivalent, plus three to 12 months of effective experience, preferably in hotel sales and catering. **STAFF GRADE 4**

***01071, Coordinator, Graduate Admissions, Administrative Operations, Penn State Harrisburg** - Responsible to the associate provost for administrative operations for the graduate admissions process. Manage graduate admissions functions: counsel and interview prospective students, develop and implement recruitment strategies. Requires master's degree, or equivalent, in counseling, psychology or closely related field, plus two years of effective experience in higher education. Supervisory experience and experience with office automation preferred. **STAFF GRADE 7.**

***01072, Technical Writer/Editor, Applied Research Laboratory, ARL Administration, University Park**

Campus - Responsible to the manager, Communications Support Services, for writing, editing and coordinating the preparation of administrative and technical reports and publications for external and internal distribution. Requires bachelor's degree, or equivalent, in physical sciences, engineering or related fields with courses in scientific/technical writing, plus one to two years of effective experience. Familiarity with computers and their use in word processing and document production... preferred. U.S. citizenship required. **STAFF GRADE 6.**

Hershey

For the following position vacancies apply directly to The Milton S. Hershey Medical Center. Attach resume with cover letter indicating the position, vacancy code and forward to the Department of Human Resources, Hershey, or call the Hershey bid line at (717) 531-8531 by Nov. 1.

***17104, Operations Center Coordinator, Department of Physical Plant, Hershey** - Responsible to the assistant director of physical plant, utilities and energy, for monitoring adjustment and change functions for the automatic temperature control systems; serve as department representative at night. Requirements include a high school education plus training in air conditioning, heating and ventilation equipment, and pneumatic and electronic temperature controls. No less than two to three years effective experience, preferably in a supervisory capacity. **STAFF GRADE 5**

In addition, there are a number of positions that, because of the frequency with which they become vacant, are still available after employees in the work unit have been considered. Some such positions are available on a fairly regular basis. They are not announced each time they are open. Instead, they are announced periodically to a pool of interested candidates can be developed. Applications for such positions may be made at any time, and you are welcome to make your interest known to the Employment Division for further consideration when such vacancies occur. These positions are:

Position title	Location
01014 Assistant Research Engineer	ARL
01015 Associate Research Engineer	ARL
01016 Research Engineer	ARL
01017 Senior Research Engineer	ARL
Cardiology Technician	Hershey
Clinical Laboratory Assistant	Hershey
Clinical Laboratory Technologist (HEW)	Hershey
Clinical Nursing Specialist	Hershey
Cyto Technologist	Hershey
Hemodialysis Technician	Hershey
Licensed Practical Nurse	Hershey
Medical Technologist	Hershey
Nuclear Medicine Technologist	Hershey
Ophthalmic Technologist	Hershey
Perfusionist	Hershey
Pharmacist	Hershey
Physical Therapist	Hershey
Physician's Assistant	Hershey
Physiatric Assistant	Hershey
Radiologic Technologist (Ir. and Sr. Levels)	Hershey
Respiratory Therapy Technician	Hershey
Staff Nurse	Hershey
Vascular Radiology Technologist/Hershey	Hershey

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William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

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AIR EXPO '90

Photos from the Oct. 20-21 air expo held at University Park Airport appear on page 5.

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INTERCOM

November 1, 1990

Volume 20, Number 11

Expert in travel scheduled to visit as an Alumni Fellow

Sandra S. Hillman, an international expert in travel and tourism, will visit University Park Nov. 7-9 as an Alumni Fellow of the College of Health and Human Development.

The Alumni Fellows program, sponsored by the Penn State Alumni Association and academic colleges, is designed to promote links between prominent Penn State graduates and the University's students, faculty, and administrators.

Ms. Hillman, who received a bachelor's degree in arts and letters from the College of the Liberal Arts in 1962, was director of promotion and tourism for the city of Baltimore from 1979-84. During that time, she played a major role in the revitalization of Baltimore's Inner Harbor.

She now is executive vice president of Trahan, Burden and Charles, a Baltimore-based advertising, public relations, and marketing firm. She oversees urban-related, consumer-related, and hospitality industry clients, political candidates, and non-profit organizations.

Ms. Hillman has served as a consultant to a number of cities, including Miami, New York, Pittsburgh, San Diego, and Edinburgh, Scotland; and the Caribbean island of Curacao.

Among the boards and committees on which she serves are the Baltimore Symphony Orchestra, the Baltimore Center for the Performing Arts, and the Baltimore and Ohio Railroad Museum.



Sandra S. Hillman

Minority enrollment at all-time high University's fall enrollment sets record

Enrollment at Penn State for fall 1990 has risen to a record 70,978, with minority enrollments increasing to an all-time high of 4,977.

Contrary to trends found in many parts of the nation, Penn State again this year experienced a growth in student enrollment -- 947 students more than last year.

University Park observed the single largest growth, with 38,364 students this fall -- up by 843 from fall 1989.

"Penn State remains an attractive choice for students in Pennsylvania and around the nation," President Thomas said.

"The growth in students that has been observed during the 1980s and that is continuing into the 1990s is a reflection of the quality educational experience we are able to offer our students," he said.

Despite the University's concerted efforts to recruit and retain more minority students, however, the total number of African American students at Penn State decreased this year. This is the second such decrease in the past eight years.

"The University continues to be concerned about enrollment figures for African Americans," Dr. Thomas said. "We know the high school graduation rates for African Americans, as well as white students, have been on the decline, but we still think we should be able to overcome that declining pool in the African-American community."

Part of the decline in overall African American enrollment is due to a record number receiving degrees at Penn State last year. There were 408 African American graduates at Penn State for 1989-90, compared to 340 in 1988-89 and 256 in 1987-88.

That marks the fifth year in a row that the number of African American graduates at Penn State has increased. Overall, the number of African American students

Please see "Enrollment" on page 3.

Total Credit Enrollment by Location

	Fall 1990	Fall 1989	Change
University Park	38,364	37,521	843
Erie (Behrend)	2,987	2,838	149
Harrisburg (Capital)	3,416	3,276	140
Great Valley	1,093	1,030	63
Hershey	494	451	43
Allentown	697	783	-86
Altoona	2,509	2,615	-106
Beaver	1,030	1,055	-25
Berks	1,665	1,489	176
Delaware County	1,811	1,975	-164
DuBois	1,045	936	109
Fayette	945	939	6
Hazleton	1,308	1,262	46
McKeesport	1,343	1,380	-37
Mont Alto	900	942	-42
New Kensington	1,144	1,220	-76
Ogontz	3,207	3,330	-123
Schuylkill	1,139	1,230	-91
Shenango	1,192	1,196	-4
Wilkes-Barre	990	948	42
Worthington Scranton	1,364	1,295	69
York	1,920	1,946	-26
Monroeville CE Center*	304	272	32
Williamsport CE Center**	111	102	9
Total Credit Enrollment	70,978	70,031	947

* Previously reported as part of New Kensington Campus enrollments.

** Previously reported as part of University Park enrollments.

Reservations still being accepted for Renaissance dinner

Reservations can still be made for the 14th annual Renaissance Scholarship Fund dinner to be held Nov. 7 at the Elks Country Club in Boalsburg.

This year's dinner honors University Board of Trustees vice president and community leader Marian "Mimi" Coppersmith Friedman of State College. Proceeds benefit financially needy

students who show academic promise.

A reception will begin at 6 p.m. and dinner is at 7 p.m. Speakers will include President Thomas and Renaissance Board President Barbara Palmer. For reservations or more information, call the Office of Annual Giving at 863-2052, or stop by the office at 17 Old Main.

Focus on Diversity

Grant will support minority undergraduate scholars

The National Science Foundation has awarded a five-year, \$444,000 grant to the College of Engineering to establish the Center for Undergraduate Research Opportunities for Minority Engineering Students (CURO).

CURO, which encompasses more than 25 Penn State engineering research centers and laboratories, will support 120 minority engineering and science undergraduate research scholars over a five year period. The director of the new center is Daniel Davis, associate professor of engineering science and mechanics and director of the Minority Engineering Program in the College of Engineering. Dr. Davis is an expert in materials engineering, specializing in creep and fatigue of metals, with extensive experience in industry.

CURO, housed in the Minority Engineering Program, initially will recruit 20 outstanding minority engineering and science students to work with engineering faculty in participating research centers and

laboratories.

A primary goal of CURO is to keep talented minority students in engineering and science by bringing them into the mainstream of college life through participation in research teams, according to Dr. Davis.

"The quality of faculty/student interactions can have a great impact on student retention and performance. Unfortunately minority students are less likely to interact with faculty than their majority student counterparts. CURO provides a framework for more and new interactions," he said.

"Through research, students develop independence, self-esteem and an interest in graduate education. CURO will be an important component of our recruitment and retention efforts."

The undergraduate research appointments will be available to Penn State students as well as students at selected universities and colleges. Participating

institutions are the Lincoln University of Philadelphia, Harrisburg Area Community College, the Community College of Philadelphia and the Howard University School of Engineering.

Students must have a 3.0 grade-point average and must be U.S. citizens to qualify for the research appointments. All undergraduate research scholars will take a course in research methodology as well as write a report on their research activity. The reports will be included in the CURO annual report to NSF.

After 1995, CURO will continue to support undergraduate research experience opportunities for at least 30 minority students each year. Continued funding will be obtained through corporate contributions, college and university contributions plus research contracts.

Individuals or research units interested in more information about CURO should contact Dan Davis, 101 Hammond Building, 863-4944.



Daniel Davis

Sexual assault awareness week

The Center for Women Students will present a week of lectures and activities in recognition of Sexual Assault Awareness and Prevention Week, Nov. 5-11.

"Since education is the key to prevention, we have planned activities that present a variety of perspectives on the issue," Patricia Johnstone, assistant director of the center, said.

Robin Morgan, feminist scholar, political activist and editor of the *N.Y. Ms. Magazine*, will discuss violence against women at 8 p.m. Monday, Nov. 5, in the HUB Ballroom.

Other include:
— Tuesday, Nov. 6, at 7 p.m. in the HUB Fishbowl: A discussion on the relationship between black men and black women in the community, led by Larry Young, director of the Paul Robeson Cultural Center, and Cynthia Merrinweather-DeVries, graduate student.

— Wednesday, Nov. 7, at noon in the Center for Women Students Dining in 120 Boucke: A discussion on the "After-Effects

of Rape: Post Traumatic Stress Disorder," will be led by Alycia Chambers, clinical psychologist at the Stress and Anxiety Institute in the Department of Psychology.
— Thursday, Nov. 8, from 2:30 to 4:30 p.m. in 120 Boucke: An assertiveness workshop focusing on learning to communicate one's needs in and out of personal relationships will be led by Joyce Illfelder-Kaye, a clinical psychologist at the Center for Counseling and Psychological Services.

At 7:30 p.m. in the HUB Assembly Room, a mock trial will explore attitudes toward acquaintance rape.

— Sunday, Nov. 11 from 2 to 4 p.m. in 126 White Building: A self-defense workshop for women will be presented.

Sexual Assault Awareness and Prevention Week concludes with a candlelight vigil on the steps of Old Main Nov. 11 at 7:30 p.m. For more information about Sexual Assault Awareness and Prevention Week, contact the Center for Women Students at 863-2027.

Diversity Calendar

Thursday, Nov. 1

Women's Studies, 7 p.m., Eisenhower Auditorium. Geraldine Ferraro, former vice presidential candidate, on "Opportunities for Women in the '90s: Women as Leaders in our Society."

Roman Catholic observance of All Saints Day.

Monday, Nov. 5

Women's Studies, 8 p.m., HUB Ballroom. Robin Morgan, feminist scholar and political activist, to speak at part of Sexual Assault Awareness and Prevention Week.

Wednesday, Nov. 7

Groove Phi Groove/Paul Robeson Cultural Center, 7 p.m., Robeson Center. Film: "Cornbread, Earl and Me."

Project Growth, 7:30 p.m., HUB Assembly Room. Presentation: "Let's Talk: The Asian Student...Facts and Myths." Center for Women Students, 8 p.m., HUB Gallery. Joanna Frueh, University of Nevada-Reno, to speak about gender and representation.

Advising conference scheduled Nov. 7-9

Advising in context is the theme of the fall advising conference sponsored by the Division of Undergraduate Studies (DUS) from noon Wednesday, Nov. 7, to noon Friday, Nov. 9, at the Atherton Hilton in State College. University faculty and staff are invited to attend.

Two sessions on Thursday, Nov. 8, will be of special interest to the University community: the DUS Advising Forum with Joseph DiGregorio, associate dean for Commonweath and continuing education and international programs, College of Engineering, and Manfred Keune, associate professor of German, will be held from 8:30 to 10 a.m.

Faculty Perspectives on Advising will be provided by Donna Kuga, instructor in exercise and sport science at the Penn State Beaver Campus, Charles P. Thornton, professor of geosciences, and William C. Uricchio, associate professor of film and video, from 10:30 a.m. to noon.

Faculty/Staff Alerts

Software Defined Network

The University has implemented an AT&T Software Defined Network (SDN) which is able to optimize the high capacity, long distance telecommunications resources of public-accessed carrier networks and a variety of switched and private-line facilities to provide functions that are traditionally associated with private network.

Enhancements in SDN allow calls to be established at a faster rate. An advantage

that University callers will see includes fewer busy tones when calling other Penn State locations.

Penn State users will see little or no difference in the dialing patterns for long distance calls. Several University locations have been using the standard 10-digit pattern (three-digit area code plus the seven-digit telephone number) for placing long distance calls. The SDN change provides more locations with this standard dialing pattern.

The 10-digit dialing pattern will be used to place calls between all Penn State locations **except** when placing calls to Delaware, Mont Alto, and Ogonitz. To call these three campuses, users should consult their specific campus dialing instructions. University Park users will continue to dial the access number "8" plus the existing seven-digit telephone numbers to call these three locations.

Prescription drug plan

Faculty, staff and retirees who have prescriptions filled at the Ritner Health Center pharmacy under the Maintenance Prescription Drug Plan (MPDP) are reminded that the pharmacy will be closed

for several days over the Thanksgiving and Christmas holidays.

The pharmacy will not be open from Thursday, Nov. 22, through Sunday, Nov. 25, and from Saturday, Dec. 22, through Tuesday, Jan. 1.

Individuals who need prescriptions filled in November and December are urged to request the service in advance of these dates, as prompt service cannot be guaranteed at the last minute.

MPDP users also are reminded that interface and U.S. Mail services may be used when ordering prescription drugs. Prescription refills may be ordered by calling the pharmacy (865-9321).

Enrollment

Continued from page 1.

enrollment Penn State has increased 42 percent since 1982.

At the Commonwealth Campuses, some locations experienced a decline in students this year, but a number of those reductions were planned because of over-crowded conditions. Other campuses recorded enrollment increases.

Enrollment increases at Penn State consisted primarily of continuing students. Total University first-time freshmen actually decreased by 308 and first-time degree graduates decreased by 119 students.

An area that observed significant growth was in the College of Medicine at Hershey, where an additional 32 medical students helped to boost enrollments in the College by 9.2 percent.

Minority student enrollments observed an overall increase of 0.4 percent over fall 1989 figures.

A breakdown by specific categories reveals:

-- American Indian: 100 students, or 0.1

percent of the total, compared to 109 in 1989.

-- Asian/Pacific Islander: 1,770 students in 1990, or 2.5 percent of the total, compared to 1,584 in 1989.

-- Black, Non-Hispanic: 2,248 students in 1990, or 3.2 percent of the total, compared to 2,424 in 1989.

-- Hispanic: 859 students in 1990, or 1.2 percent of the total, compared with 840 in 1989.

Among the campuses that observed strongest growth this year are Berks, with 176 additional students; Penn State Erie, The Behrend College, with 149 additional students; Penn State Harrisburg with 140 additional students; DuBois with 109 additional students; and Wilkes-Barre with 69 more students than last year.

Other locations, such as Altoona, observed a planned decrease in student population.

For the first time in recent years, the proportion of total University non-Pennsylvanian students decreased slightly, from 12.2 percent to 12.1 percent for undergraduates and from 33.9 percent to 32.7 percent for graduate and medical students.

Senate will review proposed amendment

President Thomas has referred his proposed amendment to the University's non-discrimination statement to the University Faculty Senate for review and comment.

"The leadership of the Faculty Senate communicated to me that members of the Senate consider my proposal an appropriate matter for Faculty Senate consultation," Dr. Thomas said. "Because this is a matter that impacts the faculty, I respect their wish for consultation and, therefore, will not bring the amendment to the Board of Trustees in November."

November."

"My principal goal is to protect all members of the University community against invidious discrimination, including members of the Penn State lesbian and gay community as well as members of other underrepresented groups," the President said. "My hope is to establish this protection in a manner that should attract the support of the entire community and will not result in further divisiveness at Penn State."

Management Development's anniversary

Penn State's Management Development Programs and Services, which helps business, industry and public agencies throughout the state improve their efficiency and productivity, is celebrating its 75th anniversary.

Created by the University's Board of Trustees in 1915, the continuing education office has been providing programs to help organizations increase efficiency, reduce costs and improve management.

"We tailor educational programs to meet an organization's specific needs in areas such as communications, time management, employee motivation, problem solving, leadership, statistical process control, team building, employee involvement and others," Sam DeWald, director of the service, said.

The programs are provided at any location a company chooses, on a plant site or in a community or campus location.

The unit has 17 faculty members at 15 Penn State campuses, all of whom have both management experience and academic qualifications.

In its 75 years of operation, Management Development Programs and Services has served more than 5,000 organizations throughout the state, including some of the largest such as IBM, Bell Atlantic, Borg-Warner, DuPont, General Electric, Koppers, RCA, Rockwell and Westinghouse, to help



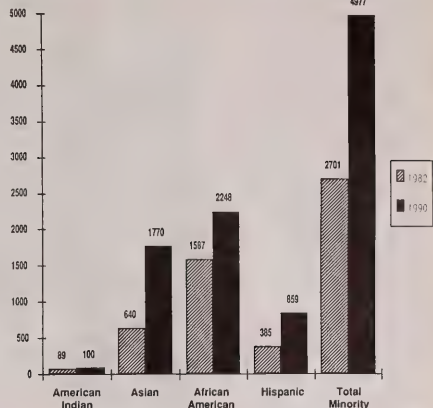
Sam DeWald

boost the Pennsylvania economy.

Other clients include healthcare and social service organizations, financial institutions, government, utilities, retail and service firms, newspapers, public schools, universities and insurance companies.

In the average year, the Penn State service designs and implements more than 160 original management programs for client organizations to help them meet the changing times.

Minority Enrollments 1982 vs. 1990



Bookshelf

Parris H. Chang, professor of political science and director of the Center for East Asian Studies, has written the third edition of *Power and Policy in China* (Dubuque, Iowa: Kendall Hunt Publishing).

The book analyzes recent political developments in China, including the June 4, 1989, massacre of demonstrators in Tiananmen Square by the "People's Liberation Army."

Dr. Chang concludes that "in the wake of Tiananmen, the Chinese Communist Party leadership has put primary emphasis on political stability; at the present and for the foreseeable future, political reform will not be a priority."

Emilia E. Martinez-Brawley, professor of social work, is the author of *Perspectives on the Small Community: Humanistic Views for Practitioners*, published by NASW Press, Washington, D.C.

Incorporating a unique combination of social science text and excerpts from a variety of literary and journalistic works, *Perspectives on the Small Community* is intended to help human service students and beginning practitioners come closer to the small community and experience it as those who live in it do.

The book is divided in three parts. The first part covers Community Theory for Practitioners. The second examines the Community in Fiction and the Press, while the third part looks at Future Directions for the Field.

Faculty Senate News

The University Faculty Senate will meet at 1:30 p.m. Tuesday, Nov. 6, in Room 112 Kern Graduate Building at University Park.

Items to be discussed at the Nov. 6 meeting:

- Summary of Reserved Spaces Data at University Park
- Summary of Penn State's Continuing Education Activities
- Annual Report on Extended Degrees
- Proposed Changes in Travel Service Policies
- Annual Report of the President's Planning and Budget Advisory Committee

Committee

- Summary of the Work of the Presidential Search and Screen Committee
- Comments Concerning Work of the Trustees' Selection Committee

Items discussed at the Oct. 9 meeting:

- Status of Construction Projects
- Report on the Implementation of the Cultural Diversity Requirement
- Faculty Salaries--Penn State vs. Similar Institutions
- Undergraduate Education Update: 1990
- Faculty Rights and Responsibilities Annual Report

Focus on the arts

'Same Square of Dust'

"Same Square of Dust," a play by Mary Gage, is being performed in the Palmer Museum of Art at University Park at 8 tonight through Nov. 3 and at 2 p.m. Nov. 4.

The play tells the true story of Charles Kingsford Smith, an Australian who became a national hero for being the first man to fly the Pacific Ocean, and his partner, Keith Anderson.

"Same Square of Dust" is being produced in conjunction with the "Machines of Leonardo DaVinci" exhibition on view through Nov. 4. The performance is free, but tickets are required and may be picked up at the museum store Tuesday through Sunday from 10 a.m. to 4:30 p.m.

The arts on Channel 3

George Balanchine's long love affair with America is recalled in two of his most enduring works on *Great Performances* "Balanchine in America" airing at 10 tonight on WPSX-TV.

Danced to Tschakovsky's Serenade in C Major, "Serenade" is the first work the choreographer created in America (1934). "Western Symphony," his "cowboy ballet" is set to Hershey Kay's arrangements of popular songs of the American west.

"Hamlet" is generally considered to be the ultimate test of a classical actor. One of America's most popular movie stars is also one of our greatest classical actors: Kevin Kline takes on the role of the Prince of Denmark in Shakespeare's great tragedy of revenge on *Great Performances* airing at 9 p.m. Friday, Nov. 2.

Lincoln Center's television series *Live from Lincoln Center* will present New York City Opera's new production of Stephen Sondheim's musical "A Little Night Music" at 8 p.m. Wednesday, Nov. 7.

Pattee exhibits

The Lending Services Gallery of Pattee Library currently is hosting a show of collagraph prints titled "Spacial Allusions" by Jody Balderson, through Nov. 16.

Ms. Balderson is a Penn State student

concentrating in printmaking. The show is all collagraphs—a form of intaglio process developed in the 1950s. Unlike engraving and etching that use a subtractive method, collagraphs add, like a collage, to the plate.

The West Lobby Gallery has an exhibit of antique watercolor, through Nov. 9.

The artist, Annie Gooding Sykes, was born in Brookline, Mass., in 1855. She was a student at the Boston Museum School and moved to Cincinnati, Ohio, in 1882 after her marriage to G.S. Sykes. She died in Cincinnati in 1931.

On display outside the Penn State Room is the "National Space College Program Exhibit," featuring artifacts and objects from NASA research projects conducted by faculty members and students throughout the University.

On display in the Penn State Room is the "Penn State Landmark Exhibit."

Dutch painting

Roland Fleischer, professor of art history, will give the lecture "Dutch Painting in the Age of Rembrandt" at 8 p.m. Wednesday, Nov. 7, in the Palmer Museum of Art at University Park.

Dr. Fleischer will discuss the realistic style of 17th century Dutch artists and the Italian influence in their art.



Roland Fleischer

Concert Choir

The Penn State Concert Choir and Chamber Singers will present their annual fall concert at 8 p.m. Saturday, Nov. 3, in the Recital Hall of the Music Building at University Park.

The choir's program will include a wide range of works from the Renaissance to the 20th century. In addition, the choir will perform a group of Afro-American spirituals arranged by William Dawson, who died last May.

The Chamber Singers, made up of 16 selected members of the choir, will perform separately a number of works, including Renaissance selections and English madrigals.

The 72-member choir is directed by D. Douglas Miller of the School of Music. He is assisted by Alex Hill, assistant conductor, and William Tilgham, accompanist.

The concert is free to the public.

Percussion ensemble

The University of Oklahoma Percussion Ensemble will perform in concert at 8:15 p.m. Monday, Nov. 5, in the Recital Hall of the Music Building at University Park.

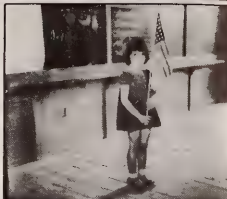
The program will include four works commissioned by the ensemble, including *Dipych No. 2* by Gordon Stout, "Chameleon Music" by Dan Welcher, "Diabolic Variations" by Raymond Heible and "Phantom Dances" by Michael Hennagin.

Odyssey on WPSU

The literary establishment is unwilling to give horror writer Stephen King the respect that he deserves, argues Jim Smith on the next episode of "Odyssey Through Literature," and greets Dr. Smith's scholarly analyses of Mr. King with "contemptuous derision or downright academic snobbery."

Talking with guest host Tom Beebe, Dr. Smith, associate professor of English and American studies at the Penn State Osgood Campus, defends his right to teach and study Mr. King's works as literature.

"Odyssey Through Literature" is produced by the Department of



This 1946 photo of a Puerto Rican child with a U.S. flag is part of the "Contrasts: 40 years of Change in Puerto Rico" exhibit opening Nov. 3 at the HUB Formal Gallery.

Comparative Literature and airs Wednesday at 12:30 p.m. on WPSU, 91.1 FM.

Slovak dance suite

The Penn State International Dance Ensemble will acquire an original Slovak dance suite for its repertoire when two members of Zelenzár, a folklore ensemble from Kosice in the Czech and Slovak Federative Republic, visit University Park in November.

Elizabeth Hanley, founder and director of the 13-year-old Penn State ensemble, will host Rastislav "Rocky" Ondec and Milan Benko from Nov. 7 to 14. An all-day workshop will be held on Saturday, Nov. 10, in Room 133 White Building.

Anyone desiring to meet the visiting dancers, or to observe the teaching and choreography of the Zemplin suite (in Slovak), is invited to contact Professor Hanley at 863-3467.

Dramatic reading

Joanna Frueth, assistant professor of art at the University of Nevada-Reno, will present "Mouth Piece" at 8 p.m. Wednesday, Nov. 7, in the HUB Gallery at University Park.

In a dramatic reading, Professor Frueth explores the significance of using one's voice for personal and social empowerment. She has written extensively on contemporary art and has taught at Oberlin College, the University of Arizona and Rochester Institute of Technology.

The lecture is sponsored by the Women's Studies Program and co-sponsored by the School of Communications, the Institute for the Arts and Humanistic Studies and the Center for Women Studies. For more information call 863-4025.

Emigre Voices

Nobel prize winner in literature Czeslaw Milosz will give a reading at 8 p.m. Wednesday, Nov. 7, in 101 Kern Graduate Center at University Park as part of the English Department's Emigre Voices lecture series.

Professor Milosz, a professor of Slavic Please see "Arts" on page 7.

The arts at...

Hazleton Campus

The Nittany Trombone Brass Quartet will perform in a program of classical and contemporary music in the Penn State Hazleton Highcamps Commons at 7:30 p.m. Wednesday, Nov. 7.

The quartet performs music of all styles, including standard quartet literature, choral and orchestral transcriptions, and jazz.

Altoona Campus

An exciting, contemporary version of *Anigone*, one of the world's great tales of courage, will be performed by the Penn

State Altoona Campus Theatre Department during the next two weeks. *Anigone* is the story of a young woman who risks her life when she defies the will of Creon, her uncle and the dictator of Thebes.

The adaptation from the play by Jean Anouilh opens at 8 p.m. Nov. 9 in the Paul R. and Margery Wolf Kuhn Theatre in the Community Arts Center. The play runs through Nov. 16, with performances on Nov. 9, 10, 14, 15, and 16 at 8 p.m. There also will be a 2 p.m. matinee on Sunday, Nov. 11. The public is invited and general admission tickets are \$3.

An exhibition of students' art work

opens Tuesday, Nov. 6, in the Sheets and McLanahan Galleries in the Community Arts Center.

The student work displayed comes from two art courses taught at the campus this fall: Roger Zellner's Art Education 3 class and Art 220, a figure drawing class taught by Michael Lucas. The student exhibit will be on display through Nov. 21.

Penn State-Behrend

Penn State Erie, The Behrend College's Concert Choir will present the "Lord Nelson Mass" at 8 p.m. Tuesday, Nov. 20 in Reed Hall.

University Park Calendar

November 1--
November 11

Special Events

Thursday, November 1

Women's Studies, 7 p.m., Eisenhower Aud.
Geraldine Ferraro on "Opportunities for Women in the '90s: Women as Leaders in our Society."
School of Music, 8 p.m., Recital Hall. Eric and Mary Ross.

Friday, November 2

*Geog. Coffee Hour, 4 p.m., 319 Walker. Craig Humphrey on "Saving the Planet: What in the World is Happening?"
Shaver's Creek, Owl Prowl, 7-9 p.m. Call 863-2000.
Center for the Performing Arts, 8 p.m., Eisenhower Aud. Wynton Marsalis.

Saturday, November 3

Shaver's Creek, Cellar Holes and Stone Walls, 1-4 p.m. Call 863-2000.

Sunday, November 4

Carnegie Hall Film Series, 7 p.m., *Lady From Shanghai* (1948); 8-45 p.m., *Agua, The Wrath of God* (1972); 203 Willard. Free.

Monday, November 5

*Comp. Lit. Luncheon, 12:15 p.m., 101 Kern. Robert Louy on "Noises, Bearded Women and Shakespeare's Legs: Reading, Comedy and Bodies in Dickens' *Martin Chuzzlewit*."
Bloodmobile, 1:17 p.m., Simmons.

Women's Studies, 8 p.m., HUB Ballroom. Robin Morgan, feminist scholar/political activist.

Tuesday, November 6

Bloodmobile, 1:17 p.m., Redifer.

Wednesday, November 7

Bloodmobile, 1:17 p.m., Pollock.
*Lecture, 7:30 p.m., HUB Assembly Room. Dr. Ivan M. Havel, Charles Univ., on "Velvet Revolution."

Women's Studies, 3 p.m., Feminist Scholars Lecture Series, dramatic reading, 8 p.m., HUB Gallery. Joanna Frueh, Univ. of Nevada-Reno: "Mouth Piece."

*Talk, 8 p.m., Palmer Museum of Art. Roland Fleischer on "Dutch Painting in the Age of Rembrandt."

Thursday, November 8

Trustees meet at University Park, through Nov. 9.
Careers in the Arts, 10-11:30 a.m., Palmer Museum of Art. Stephen Porter on "Designing Sculpture on a Computer."
Bloodmobile, 1:17 p.m., Findlay.

Friday, November 9

Geog. Coffee Hour, 4 p.m., 319 Walker. Robert Proctor on "What is the Political Philosophy of Science?"

Center for the Performing Arts, 8 p.m., Eisenhower Aud. The King's Singers.

Saturday, November 10

Shaver's Creek, Paper Making (Grades 2-6), 1-3 p.m. Call 863-2000.

Sunday, November 11

Shaver's Creek, Tracks n' Traces, 2-4 p.m. Call 863-2000.
Center for the Performing Arts, 3 p.m., Eisenhower Aud. "Wright Brothers."
Carnegie Hall Film Series, 7 p.m., *Kiss Me Deadly*



The King's Singers will present a concert at 8 p.m. Nov. 9 in Eisenhower Auditorium.

(1955); 9 p.m., *The Sudden Wealth of the Poor People of Konohchi* (1971).

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m. "Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubinstein.

Conferences

Continuing Education

Keller Building

Nov. 4-6, Pennsylvania Junior Science and Humanities Symposium. Paul Bell, chair; Jack Sinclair, coordinator.

Nov. 5-9, Field Training Officer. John Sullivan, chair; Kathy Karchner, coordinator.

Nov. 6-8, Teacher Expectations and Student Achievement Seminar. Steve Gordon, chair; Jerri Milson, coordinator.

Nov. 6-8, Shipboard Arizona Noise Control. Courtney Burroughs, chair; Bill Siemer, coordinator.

Nov. 7-9, Elements of Coal Preparation. Robert Franz, director; Norm Laihbury, coordinator.

Seminars

Thursday, November 1

Polymer Science, 9 a.m., 301 Steidle. Hilary

Hampsch, Kodak/Purdue Univ., on "Non-Linear Optics of Polymer Systems."

Physics Colloquium, 3:30 p.m., 55 Osmond Lab. Pierre C. Hohenberg, AT&T Bell Labs, on "Nonequilibrium Patterns."

*Australia-New Zealand Studies Center, 3:45 p.m., Eisenhower Chapel Memorial Lounge. Denis McLean, Carnegie Fellow, and Dr. Dora Alves, National Defense Univ., on "New Zealand and the United States: Small Nation, Large Nation, in Pacific and Global Context." Gerontology Center Colloquia, 4-5 p.m., 100 Mitchell. Leslie Morgan, Univ. of Md., Baltimore, on "Small Board and Care Homes for the Elderly: A Case of Social Marginality."

Monday, November 5

Center for Research in Conflict and Negotiation, 2:30 p.m., 115 Beam. Jon Elster, Univ. of Chicago, on "Bargaining and Social Norms." The Kupper Engineering Seminar Series, 3:15 p.m., 204 Sackett. Dr. Jan G. Janssens, International Water Supply Assoc., on "Dissolved Air Flotation for Treatment of Drinking Water."

Enronology, 3:45 p.m., 204 Patterson. Mike Saunders on "CypriS: A Knowledge Based System for Regional Cypriot Moth Management."

EPF, 4 p.m., 339 Davesy Lab. Dr. Larry Littenberg, Brookhaven, on "CP Violation and Rare K Decays."

Tuesday, November 6

Chemical Engineering, 2:45 p.m. Paul Robeson Aud. Larry D. Schmidt, Univ. of Minnesota, on "Homogeneous-Heterogeneous Reactions: Thermal and Chemical Coupling."

Geosciences, 3:45 p.m., 301 Steidle. Rudy Slingsland on "Paleo-Circulation in Eocene/Neogene Seas."

Graduate Program in Nutrition, 4 p.m., 5209 Henderson. Ann Sorenson, National Institute of Aging, on "Opportunities in Nutrition and

Agging Research."

*Computer Science, 4 p.m., 325 Whitmore Lab. Ivan M. Havel, Charles Univ., Czechoslovakia, on "Knowledge Representation in Connectionist Systems."

*Condensed Matter Physics, 4 p.m., 339 Davesy Lab. Dr. K.K. Likharev, Moscow State Univ., on "Time Correlated Single-Electron Tunneling in ID."

Wednesday, November 7

Polymer Science, 9 a.m., 301 Steidle. Edward Kramer, Cornell

Physics Colloquium, 3:30 p.m., 55 Osmond Lab. Susan Coppersmith, AT&T Bell Labs, on "Phase Slips in Charge Density Waves."

*Fullbright Informal Lecture, 3:30-4:30 p.m., 222 Boucke. Dr. Seung-Kon Kim, Seoul National Univ., on "Americans Go Home: Teaching American Studies in Asia."

Thursday, November 8

Physics Colloquium, 3:30 p.m., 55 Osmond Lab. Donald R. Hamann, AT&T Bell Labs, on "Many-Body Simulations - Toward Real Materials."

Gerontology Center Colloquia, 4-5 p.m., 100 Mitchell. Carla Walls on "The Effects of Religiosity and Informal Support in the Black Church on Elderly Well-Being."

Exhibits

Chambers Gallery

Undergraduate Prints and Books, through Nov. 30.

HUB Galleries

Browsing Gallery
Rosemary Grege, through Dec. 1.
Art Alley Panels/Cases
Seminar for the Professional Development of Visual Artists, Nov. 6-Dec. 1.

Formal Gallery:

*Contrasts: 40 Years of Change and Continuity in Puerto Rico. Nov. 3-Dec. 2.

Palmer Museum of Art

*The Machines of Leonardo da Vinci, through Nov. 4.

*The Save River: A New History, through Dec. 21.

Pattee Library

Rare Books Room
*Body and Mind in the Middle Ages and the Renaissance, through Nov. 21.

*Biodiversity: How to Tell the Birds from the Flowers, through Nov. 21.

Zoller Gallery

*Book of the Seven Lagoon, through Nov. 4

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are listed in the front of the telephone directories. Other messages are Weaver-234, Arts Line-345; University Calendar-456.

*Reflects an international perspective

Annual blood donor challenge scheduled

The Centre Communities Chapter of the American Red Cross, including Penn State faculty, staff, students groups, alumni, and community volunteers, is preparing for the 8th annual Pitt-Penn State Blood Donor Challenge, which runs from Nov. 5 to 21.

Last year, the match between the two universities to collect the most blood generated nearly 10,000 pints of blood for Johnstown Regional Blood Services of the American Red Cross and Central Blood Bank of Pittsburgh. Of that, 1,800 pints came from the University Park Campus and the State College community.

The "Challenge," which takes the Pitt-Penn State rivalry off the gridiron, comes at a critical time of the year and is intended to boost the community's blood supply before the holidays, when blood shortages are often experienced.

The 10-day blood drive results from months of hard work by campus and community sponsors. Their goal is a total collection of 2,000 pints of blood.

Giving blood is a simple, vital way of helping someone else. Donors must be 17 years old, weigh at least 100 pounds, and be in generally good health. The entire blood donation process takes about one hour and should be preceded by a good meal.

Potential donors with questions about donating should call the Centre Communities Chapter of the American Red Cross at 237-3162. Following is the schedule for the free shuttle provided by Fleet Operations and the schedule for the blood drive.

Shuttle schedule: Physical Plant Building, on the hour, 20 minutes past the hour, 40 minutes past the hour, Shields Building, 2, 22, 42; Old Main, 7, 27, 47; Rider Building, 12, 32, 52; Kern Building, 13, 33, 53; Creamery, 15, 35, 55; Business Services Building, 17, 37, 57.



Steve A. Garban, senior vice president for finance and operations, and Penny A. Garban, coordinator, program support activities, Alumni Association, prepare to give blood for the Pitt-Penn State Blood Donor Challenge. (Photo: Greg Grieco)

Blood drive schedule

Day	Date	Location	Time
Monday	Nov. 5	Simmons	1-7 p.m.
Tuesday	Nov. 6	Redifer	1-7 p.m.
Tuesday	Nov. 6	Red Cross, 121 1/2 E. Beaver	10 a.m.-4 p.m.
Wednesday	Nov. 7	Pollock	1-7 p.m.
Thursday	Nov. 8	Findlay	1-7 p.m.
Thursday	Nov. 8	Red Cross, 121 1/2 E. Beaver	3-7 p.m.
Monday	Nov. 12	Waring	1-7 p.m.
Tuesday	Nov. 13	Warnock	1-7 p.m.
Tuesday	Nov. 13	Red Cross, 121 1/2 E. Beaver	10 a.m.-4 p.m.
Wednesday	Nov. 14	HUB	10 a.m.-4 p.m.
Thursday	Nov. 15	HUB	11 a.m.-5 p.m.
Thursday	Nov. 15	Kern	9 a.m.-3 p.m.
Thursday	Nov. 20	Red Cross, 121 1/2 E. Beaver	10 a.m.-4 p.m.

News in Brief

New Zealand seminar

The Penn State Australia-New Zealand Studies Center is sponsoring a seminar on "New Zealand and the United States: Small Nation, Large Nation, in Pacific and Global Context" at 3:45 p.m. today in the Eisenhower Chapel Memorial Lounge at University Park.

It will be presented by Denis McLean, a Carnegie Fellow and formerly New Zealand's secretary of the Department of Defense, and Dora Alves, on staff of the institute for national strategies at the National Defense University.

Relationship enhancement

A relationship enhancement weekend seminar will be held from 9 a.m. to 5 p.m. Nov. 3 and 4 in Henderson East Room 101 at University Park.

Relationship enhancing strategies and skills will be taught that enrich relationships and prevent or resolve

conflicts and problems which may stem, for example, from different backgrounds, values, attitudes or the pursuit of dual careers.

Couples and single persons of all ages are welcome. The fee is \$100 per person. Enrollment is limited and reservations may be made by calling Joanne Kemper at (814) 865-1751 as soon as possible.

The seminar is offered by the Individual and Family Consultation Center of the College of Health and Human Development.

Library wing closing

The East Wing of Pattee Library will be closed on Sunday, Nov. 4, until 4 p.m. so that an upgrade may be made to the library's electrical system. Access to the Arts Library, Life Sciences Library, and General Reference-services and collections-will be unavailable during the shutdown.

In addition, LIAS will be down at all locations until 6 p.m. Central and West Pattee will maintain regular hours on that day, noon to midnight.

Research in Conflict and Negotiation
Jon Elster of the Department of Political Science, University of Chicago, and the Institute for Social Research, Oslo, will speak on "Bargaining and Social Norms" at 2:30 p.m. Monday, Nov. 5, in 115 Beam Business Administration Building at University Park.

The seminar is sponsored by the Center for Research in Conflict and Negotiation. For more information, contact Mary Tien, 310 Beam, 865-0197.

Evening workshop

"Researching the Prospective Employer," an evening workshop on gathering information about companies, industries, and career opportunities, will be held from 7 to 9 p.m. Wednesday, Nov. 7, in the West Wing Staff Lounge, W311.

'Velvet Revolution' participant to speak

Ivan M. Havel, a participant in the 1989 "Velvet Revolution" in Czechoslovakia, will discuss the political, social and intellectual roots of the movement at 7:30 p.m. Monday, Nov. 5, in the HUB Assembly Room at University Park.

Dr. Havel, whose brother is Vaclav Havel, the current president of Czechoslovakia, also will discuss some of the problems currently facing the people of Czechoslovakia, now the Czech and Slovak Federal Republics, including the environment, restructuring the economy and understanding the essence of democracy.

Dr. Havel is the current director of the Center for Theoretical Study, an international institution affiliated with Charles University in Prague, where he also teaches mathematics and physics. Before the collapse of the communist regime, he was involved in dissident activities and was harassed and detained by police.

Dr. Havel graduated in 1966 from the Czech Technical University and received his doctorate in computer science from the University of California at Berkeley in 1971.

The lecture is sponsored by the Slavic-Soviet Language and Area Center and co-sponsored by the University Office of International Programs. For more information, call Vernon Aspatarian at 865-0436.

Carpooler

Tammy needs one more person to share a ride from Phillipsburg to University Park. Her work hours are 8 a.m. to 5 p.m. Call 865-7521.

Pattee Library at University Park.

The workshop is sponsored by the Penn State University Libraries Black Studies Room Committee and General Reference Section, the Career Development and Placement Office, Black Caucus, and Black Studies Program.

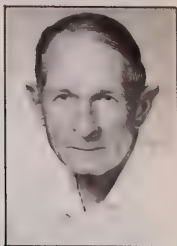
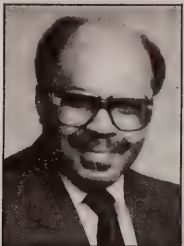
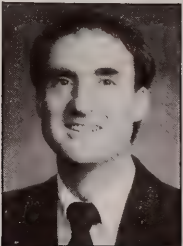
Visiting scholar to speak

Adarsh Sharma, internationally recognized authority on early childhood development, will speak about "The Indian Experience with a Nationwide Early Childhood Intervention Program" at 2:30 p.m. Thursday, Nov. 8, in 124 Sparks Building, University Park.

The talk, part of an International Seminar Series on Social Policy and Social Services, is sponsored by the Social Work Program, Department of Sociology and University Office of International Programs.

Currently, Dr. Sharma is a visiting Fulbright Scholar in the Social Work Program.

25-year award recipients



Observing 25 years of service at the University are, from left, Robert Hosteller, associate professor of mathematics; Roger Sweeting, associate professor of physical education, and Eva Tucker, assistant professor of geoscience, all at Penn State Erie, The Behrend

College; Jane Galas, head health nurse, Emergency, Ritenour Health Center; Miles E. Huffman, dining hall worker A, Housing and Food Services.

Promotions

Clerical

Judy A. Boone to membership recorder in Division of Development and University Relations.

Jacqueline Cowler to clerk, records A in Engineering.

Wicki L. Davis to secretary B at Shenango Campus.

Marion S. Deck to clerk B in Penn State Bookstore.

Cara L. Dugan to senior clerk in Academic Services.

Ladawn Dutrow to secretary B in School of Communications.

Irene T. Elliott to clerk, bookstore A in

Student Services

Yvonne A. Hicak to secretary A at Hershey.

Patricia Ishler to senior accounting clerk in Earth and Mineral Sciences.

Colleen A. Roessler to secretary A in Academic Services.

Debra J. Shelow to senior clerk in University Libraries.

Geraldine L. Slear to technical secretary A in Applied Research Lab.

Carol E. Whitbread to secretary B in Behrend College.

Technical Service

Janet L. Culhane to patient service aide at Hershey.

Robert Gottlieb to maintenance mechanic,

vehicle at Ogonitz Campus.

William C. Hughes to maintenance mechanic, utilities, plumbing and piping in Office of Physical Plant.

Ricky T. Kasubick to maintenance worker, area landscape in Office of Physical Plant.

Edward T. Kern to painter A in Office of Physical Plant.

Rita A. Laughlin to patient care assistant at Hershey.

Gerald R. Lucas to maintenance worker, utility in Office of Physical Plant.

Jeffrey L. Monsell to maintenance worker, asbestos removal in Office of Physical Plant.

Janice M. Rine to patient care assistant at Hershey.

John Saxman to maintenance worker, utility in Office of Physical Plant.

Stephanie A. Shutter to environmental health, group leader at Hershey.

Richard A. Vickroy to incinerator operator, group leader at Hershey.

Robert G. Warden to senior instrument process aid at Hershey.

Mark E. Weikel to laundry operator at Hershey.

James L. Zerke to utility worker at Hershey.

Joseph I. Peters, to truck driver, janitorial in Office of Physical Plant.

Richard A. Rougeux, to truck operator, waste sludge in Office of Physical Plant.

Joseph A. Shafraichik, to farm machinery operator in Agriculture.

Robert E. Shirk, to senior instrument processing aide at Hershey.

Focus on the arts

Continued from page 4.

languages and literature at the University of California at Berkeley, has published six volumes of poetry, an autobiography and two novels, a history of Polish literature and "The Captive Mind," a classic description of intellectual life under Communism.

He will meet students, faculty and the public in a question-and-answer session at 3:30 p.m. Wednesday, Nov. 7, in Room 112 Kern.

The Emigre Voices lecture series includes seven prominent writers from Central and Eastern Europe, who will read from their works and discuss the role of writers in their native countries of Russia, Poland, Czechoslovakia and East Germany both before and after the collapse of Communism.

Computers in sculpture

Stephen Porter, associate professor of art, will discuss the use of computers in the design of sculpture at 10 a.m. Thursday, Nov. 8, in the Palmer Museum of Art at University Park. The lecture is part of the "Careers on Art" series sponsored by the museum.

Singing Lions

The Singing Lions, a show choir that specializes in 20th-century popular music from the United States, will perform in concert at 12:10 p.m. Thursday, Nov. 8, in Eisenhower Chapel at University Park. The 20-minute concert is part of the Bach's lunch concert series, sponsored by the School of Music and the University Lutheran Parish.

The Singing Lions includes 20 singers, four instrumentalists and a technical crew, and is directed by Peter Kiefer, a part-time instructor in the School of Music.

'Wright Brothers'

On Nov. 11, history comes alive when the Center for the Performing Arts presents "The Wright Brothers" at 3 p.m. in Eisenhower Auditorium. The event is sponsored by Peoples' National Bank.

Part of Wide-Eyed Wonders, the center's new children's series, "The Wright Brothers" is a musical comedy biography that traces Wilbur and Orville Wright's development of the first working airplane. The story follows the two brothers from the time they begin to work on the

problems of flight, through disappointments that nearly make them abandon their dream, to their final triumph more than seven years later.

Tickets are available through the Eisenhower Auditorium Ticket Center, (814) 863-0255.

Browsing Gallery exhibit

An exhibit of paintings by Rosemary Geseck is on display until Dec. 1 in the HUB Browsing Gallery at University Park.

"I like to grab the viewer's attention and hold it in my work," the artists says. "I like people to react to the art works emotionally, sometimes humorously."

She says her seven-foot arched shape paintings are to be viewed as doorways, doorways into one's own imagination.

The King's Singers

The King's Singers, an internationally famous ensemble from England, will perform classical selections at 8 p.m. Friday, Nov. 9, in Eisenhower Auditorium at University Park.

The King's Singers perform almost 150 concerts a year and appear regularly on PBS with John Williams and the Boston Pops.

Tickets for the performance are available

at the Eisenhower Auditorium Ticket Center. For additional information contact the ticket center at (814) 863-0255.

Bandorama '90

The Penn State Blue Band will present its annual review show, Bandorama '90, at 8 p.m. Saturday, Nov. 10, in Eisenhower Auditorium at University Park.

The program, which reviews the 1990 football game halftime shows, is a cooperative performance of Penn State's marching band, majorettes and flag corps.

The Blue Band will be joined on stage by the Blue Band silks (flags) and Touch of Blue (majorettes). The performance also will feature twirlers Lori Branley and John Mitchell, as well as drum major Mike Harrell.

The program will open with several selections performed by the Symphonic Band. Penn State school songs also will be performed.

Tickets, which are now on sale in Eisenhower Auditorium box office, are \$6 for adults and \$3.50 for students. Tickets also will be available immediately after the Penn State-Maryland football game and at the box office the evening of the performance.

New center to help students resolve disputes

The Center for Conflict Management has been created to help students resolve disputes.

"We are seeing an increase in the number of students with dysfunctional behavior patterns and psychological problems who solve their conflicts through violence," said Donald T. Suit, director of the new center. "We are also seeing more cases of intolerance and more students with a variety of legal problems."

In response the Division of Campus Life

has created the Center for Conflict Management, which includes Mediation Services, Legal Services and the Office of Conduct Standards. These services have been reorganized to make them more visible and convenient to users. The center is located in 101 Boucke Building at University Park.

"Mediation and other forms of conflict resolution are offered to members of the University community on and off campus who may have disputes with roommates,

landlords, friends, spouses, instructors, and acquaintances," Deborah Hamilton, conflict management specialist, said. "Our volunteer mediators have had considerable success helping people in conflict reach lasting agreements."

Mediation is an informal process that uses neutral third parties who help disputants find their own solutions. Agreements are not legally binding, but more than half of the mediation sessions result in an agreement that is carried out.

Mediation and other forms of alternative dispute resolution often involve counseling, referrals for psychological services, educational programs and community service. Since last year, the staff has handled 40 discipline cases and another 40 mediation cases.

In cases of racism, sexism, homophobia and other intolerant acts, students are assigned to educational programs to learn more about the issues and to explore their attitudes. Community service also may be assigned to those who have committed intolerant acts, vandalism or other destructive behaviors.

Staff Vacancies

The following vacancies for positions classified as staff except for C-1, noncompetitive have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304. Applications for these staff vacancies will be accepted until Nov. 8. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment practices (PSS 1) and in compliance with the University Alternative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law) sex, or status as a disabled or Vietnam era veteran

■01084, Assistant Superintendent, Golf Courses, Auxiliary Recreation Services, University Park Campus - Responsible to the superintendent, Golf Courses, for the day-to-day supervision and coordination of golf course operations, including grounds and equipment repair and maintenance. Requires associate degree or equivalent, in agronomy, turf management or related field plus two to three years of effective experience in supervising golf course operations. STAFF GRADE 5

■01085, Admissions Counselor II, Undergraduate Education, Undergraduate Admissions Office, University Park Campus - Responsible to the director, Division of Minority Admissions and Community Affairs, for

general assistance in the handling of the more complex admissions matters in an assigned functional area. Requires bachelor's degree, or equivalent, plus one to two years of effective experience in educational administration or in related field such as industry or military service. STAFF GRADE 6

■01086, Program Director, Academic Services, Partnership Program, University Park Campus - Responsible to the Partnership director for directing and overseeing the operation of assigned partnership program. Requires master's degree or equivalent, and one to two years of effective experience in developing and supervising the implementation of educational programs. A demonstrated ability to work with low-income and under-achieving students, and strong communication skills also are required. Fluency in Spanish oral and written communication skills preferred. POSITION LOCATED IN READING, PA. THIS IS A RE-ANNOUNCEMENT. PREVIOUS BIDDERS NEED NOT RE-APPLY. STAFF GRADE 7

■01087, Project and Data Specialist, Pennsylvania State Data Center, Penn State Harrisburg - Responsible to the director, Pennsylvania State Data Center, for performing a variety of activities including computer programming, data base management and collection, statistical analysis, and report writing. Requires bachelor's degree, or equivalent, in urban and regional planning and up to one year of effective experience. Experience in computer applications,

programming, languages (i.e., FORTRAN, COBOL) and statistical software packages (i.e., SAS, SPSS) highly desirable. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991, WITH EXCELLENT POSSIBILITY OF RE-FUNDING. STAFF GRADE 4

■01088, Coordinator, Educational Opportunity Program, Opportunity Program, University Park Campus - Responsible to the director of academic affairs for the development, coordination, and administration of the Campus Educational Opportunity Program. Provide support for a variety of services and programs in the Academic Affairs area as assigned. Requires master's degree, or equivalent, in student personnel, counseling or related field plus up to and including one year of effective experience, or bachelor's degree with over one up to and including two years of effective experience in admissions, counseling, EOP, etc. STAFF GRADE 6

■01089, Affirmative Action Specialist, Academic Services, Affirmative Action Office, University Park Campus - Responsible to the Affirmative Action director for providing technical research support through extensive use of a microcomputer based information system. Requires bachelor's degree, or equivalent, plus one to two years of effective experience in research methodology, computer applications in the social sciences, affirmative action, and human relations. Familiarity with investigative techniques and knowledge of affirmative action/equal opportunity laws and regulations preferred. STAFF

GRADE 6

■01090, Senior Technical Specialist (Economic Development), Senior Vice President for Research and Dean of the Graduate School, Associate Vice President for Research and Technology Transfer, University Park Campus - Responsible to the associate vice president for research and technology transfer through the director, Industrial Extension Office. For serving as a resource person for clients interested in economic development; for visiting public and private sector organizations to assist in identifying and providing possible solutions to technical and economical development problems. Requires master's degree, or equivalent, in an engineering, field or physical science, plus five to seven years of effective experience in an industrial setting. STAFF GRADE 9

■01091, Assistant to the Dean and Personnel Coordinator, School of Communications, Office of the Dean, University Park Campus - Responsible to the dean for all personnel administration of the School, for the supervision and daily administration of the Office of the Dean, and for providing assistance and advice to the dean on matters such as administrative policy, promotion and tenure, planning, and financial management. Requires bachelor's degree, or equivalent, in business administration or related field and two to four years of effective experience. Supervisory and administrative/personnel related experience highly desirable. STAFF

GRADE 7

■01092, Assistant Group Supervisor, Health and Human Development, Human Development and Family Studies, University Park Campus - Responsible for planning and supervising activities for preschool children, ages 2 1/2-4; planning and coordinating a parent involvement program; and overseeing and directing the work of University practicum students and classroom assistants. Requires bachelor's degree, or equivalent, in an appropriate field plus a minimum of three months of effective experience or associate degree, or equivalent, plus over one year of effective experience. STAFF GRADE 4

Hershey

For the following position vacancies, apply directly to The Milton S. Hershey Medical Center. Attach resume with cover letter indicating the position vacancy code and forward to the Department of Human Resources, Hershey, or call the Hershey bid line at (717) 331-8531 by Nov. 8

■17157, Mental Health Program Aide, Department of Psychiatry, Hershey Medical Center - Responsible to the chiefs, Division of Community Mental Health and Research, and the coordinator, Mental Health Program, for assistance in the administration of departmental statewide mental health program and research protocols. Requires a bachelor's degree or equivalency plus three to six months of effective experience. STAFF GRADE 3

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7517.

William E. Campbell Jr., Editor
Deborah A. Benedetti,
Assistant Editor
Kathy Garman, Calendar

November 1, 1990
Vol. 20, No. 11

BLOOD CHALLENGE

The 8th annual Pitt-Penn State Blood Donor Challenge will be held Nov. 5 to 21. See story on Page 6.

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INTERCOM

November 8, 1990

Volume 20, Number 12

President's remarks to University Faculty Senate

I would like to devote my remarks today (Tuesday, Nov. 6) to matters related to Penn State's 1991-92 appropriation request, my program to develop a budget plan for the 1991-92 academic year, and the need to focus on the academic priorities that are critical to the continued vitality of the University.

I expect that securing the University's 1991-92 appropriation request will take us down a very long road this year. You are, of course, aware that the Board of Trustees approved that request in September. I will not reiterate the details of the request this afternoon. I want instead to observe that the request addresses only the University's most pressing needs. The Board approved appropriation increase of 13.1 percent focuses primarily on basic operating needs.

These include unavoidable cost increases such as those in the area of health care. They include funds for keeping salaries competitive. And they include areas where the University has fallen far behind areas such as deferred maintenance, library operations, scientific and engineering equipment, and departmental allotments.

The elements of this proposal were put in place before I arrived at Penn State, but it is a fiscal plan that I studied, endorsed, and presented to the Board at its last meeting. It is based on the premise that Pennsylvania must reorder its own budget priorities to bring state funding for public higher education to near the national average. Currently, as most of us know, Pennsylvania ranks 47th among the fifty states in funding per student for public higher education. We have no choice but to pursue the long road toward change in this essential measure of support.

As we travel down that difficult path in Harrisburg, we

will between now and the end of the current fiscal year, put in place a budget plan internally. The President's Planning and Budget Advisory Committee, a broadly based group to which the deans and unit heads present their needs each year, is the mechanism I intend to use to develop what will be my first Penn State budget. Toward that end, I plan to attend every meeting of the President's Planning and Budget Advisory Committee this year.

For the first time this year, deans and unit heads will bring to that Committee not only funding requests for program needs as outlined in their strategic plans, but also their needs for space and physical facilities. The Committee's work, clearly, will press us to our limits. But that difficult and time consuming process will yield for me the information and the perspective I will need to establish priorities and direction for the 1990s and beyond.

Let me say again that the work of the President's Planning and Budget Advisory Committee will be the major force in the alignment of planning and budget decisions for this administration.

The academic needs of the University will be the motor that drives our efforts in this process, and the academic mission will always be the central focus of our energy and our resources. At Penn State, that mission is a tripartite one of teaching, research, and service. These are the matters that create sleepless nights in our toils to keep Penn State strong.

As I look ever closer at this university community, I am increasingly persuaded that facilities - and their lack thereof - are compounding negatively on the academic enterprise: in teaching, research, and service. In part, this is a problem that comes from the success this university

community has experienced in recent years: success in research, in undergraduate and graduate student enrollment, in building endowed faculty positions, in demonstrating leadership and competence in the complex area of economic development, and in persuading the state and federal governments and granting agencies that an investment in Penn State is an investment in a better future for everyone. We must continue to do all this and more, knowing that it will put increasing pressure on our facilities.

The deans have expressed repeatedly to me the troubling concern that we have reached the point where new research grants are being sacrificed for lack of adequate space. They also have conveyed to me the serious need for instructional space, not only to catch up with enrollment growth, but also to meet the special requirements of individual programs.

I share these concerns, particularly as they relate to the academic quality of the University. We will use every means available to us to secure funding for new facilities, while planning aggressively to open up existing facilities for Penn State's academic enterprise. We are going to give this problem serious attention.

As many of you know, some \$163 million in new state-funded capital projects were approved for Penn State by the Commonwealth in 1988. Among these is an addition to Pattee Library, an engineering research facility, and the convocation center at the University Park Campus, as well as several new academic facilities for other Penn State Campuses. While funding approval for these projects has

Please see "President" on page 3.



Former vice presidential candidate Geraldine Ferraro meets with reporters prior to her talk Nov. 4 in Eisenhower Auditorium at University Park. The speech, sponsored by the Panhellenic Council, was part of the 10th annual Women's Awareness Week. (Photo: Greg Grieco)

Martin Luther King speaker named

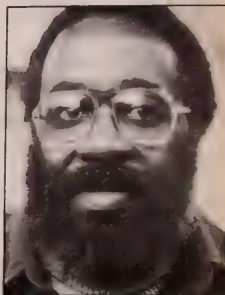
The Rev. Dr. Vincent Harding, Iliff School of Theology professor of religion and social transformation, will be the keynote speaker for the University's observance of the holiday honoring the birthday of the Rev. Dr. Martin Luther King Jr.

He will speak in Eisenhower Auditorium at University Park at 4 p.m. Monday, Jan. 21.

Dedicated to humanity and civil rights, Dr. Harding and his wife, Rosemarie Freney-Harding, worked in various capacities as full-time teachers, activists and negotiators in the Southern freedom movement from 1961 to 1964.

In 1968, after several years as chairman of the History and Sociology Department at Spelman College in Atlanta, he became director of the Martin Luther King Memorial Center and chairman of the nationally televised "Black Heritage" series. Dr. Harding was one of the organizers and the first director of the Institute of the Black World, founded in 1969 in Atlanta.

The author of several books on the Black



Vincent Harding

struggle for freedom. Dr. Harding and his wife recently were senior advisers to the PBS television series "Eyes on the Prize."

Focus on Diversity

McKeesport students DARE to strive for excellence

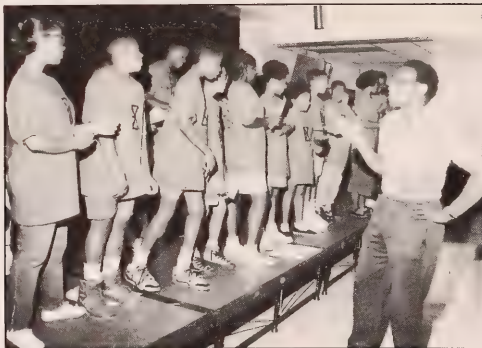
Students from three McKeesport area middle schools spent their summer vacations improving their academic skills in a new University program that may serve as a model for similar activities at other campuses.

The program, "DARE to Excel," was sponsored by the Division of Continuing Education and the Penn State Educational Partnership. The students stayed in the residence halls on the McKeesport Campus for the week and participated in such activities as lectures, discussions and field trips. Instructors and guest speakers urged the students to DARE—Dream, Aspire, Reach and Excel.

"We want to let them know they absolutely must strive for excellence," said Darrell G. Thomas, director of the Penn State Educational Partnership. The pilot project, which attracted 30 students, was administered by Mr. Thomas and by Tony Mitchell, director of continuing education at the Pittsburgh Center.

"DARE" is a concept that helps them develop their fundamental skills and form habits to be good students. It's an athletic concept transferred to an academic environment," Mr. Thomas said.

Students selected for the program had



Don Sheffield, special assistant to the dean for undergraduate education, leads his students in the "Dare Rap."

strong academic records and leadership abilities. Because it was directed toward black students, the curriculum also explored African-American history and social issues

in various after-class activities and events.

The cultural awareness component was designed to help students build their self-confidence and self-esteem. "We wanted to

encourage their aspirations and dreams," Mr. Thomas noted.

Organizers hope the experience will motivate participants to stay in school and to consider post-secondary education.

"We must empower our students with the study and learning skills to be successful in any career path they choose," Don Sheffield, special assistant to the dean for undergraduate education and director of the academic component of the program, said.

"All you have to do is look at the mediocre accomplishments of many college freshmen and you understand how 'out of shape' our students are," he added. "We've trained them for a sprint, when they need to be prepared for a marathon."

During their week on campus, students learned how to take notes and prepare outlines, how to use libraries and computers, and other organizational skills. The curriculum emphasized methods for retaining information instead of memorizing facts just to pass an exam.

Field trips took the students to special exhibits at a local radio station, the University of Pittsburgh and the Penn State Pittsburgh Center, at 337 Fourth Ave., Pittsburgh.

Diversity Calendar

Wednesday, Nov. 8

Center for Women Students, 2:30 to 4:30 p.m., 120 Boucke. Assertiveness workshop: "Learn to Communicate Your Needs and Wants Clearly—Both in and out of Personal Relationships," with Alycia Chambers.

Center for Women Students, 7:30 p.m., HUB Assembly Room. Mock trial: Acquaintance Rape.

Saturday, Nov. 10

Office of Minority Faculty Development, 9:30 a.m. to 12:30 p.m., 114K Kern Building. Emilia Martinez-Brawley on "The Process of Being Published." Reservations: Leah Witzig, 863-1663.

Sunday, Nov. 11

Center for Women Students, 2 to 5 p.m., 126 White Building. Self-defense workshop provided by Penn State Karate Club. Advance registration required: 102D Boucke or HUB basement.

Monday, Nov. 12

Women's Studies, 12:15 to 1 p.m., 12 Sparks Building. Women's Studies Student Affairs Committee discussion.

Paul Robeson Cultural Center/Office of Religious Affairs, 7:30 p.m., Robeson Center. Film: "Eyes on the Prize," followed by discussion by Rev. Kenneth Clarke.

Tuesday, Nov. 13

Central Pennsylvania Men of Color, noon to 1 p.m., Nittany Lion Inn Writing Rooms 3 and 4. Regular monthly lunch meeting.

Nov. 13 to 17

Center for the Performing Arts, 8 p.m., Eisenhower Auditorium. Negro Ensemble Company will perform four "WE" plays written by Charles Fuller: Nov. 13, "Sally"; Nov. 14, "Prince"; Nov. 16, "Jonquil" and Nov. 17, "Burner's Frolic."

Wednesday, Nov. 14

Groove Phi Groove/Paul Robeson Cultural Center, 7 p.m., Robeson Center. Film: "Sounder."

Pennsylvania College of Technology, 8 p.m., Capital Theatre, Williamsport. Harry Belafonte in concert.

Throughout November

Hindu and Jain Festival of Lights holidays (exact dates dependent on lunar calendar).

Paul H.B. Godwin, professor of national security policy, National War College in Washington, D.C., will lecture on "Sino-American Strategic Relations in the 1990s" at 7 p.m. Tuesday, Nov. 13, in 111 Boucke Building at University Park. A reception will follow in 222 Clarke

Sesame Street to improve race relations

Sesame Street, which has taught preschoolers about everything from letters and numbers to ecology and emotions, takes off its 22nd season at noon and 4 p.m. Monday, Nov. 12, on WPSX-TV, Channel 3 with an important new curriculum goal: improving race relations.

The award-winning series from Children's Television Workshop has modeled harmony from the start with its racially mixed cast and messages about diversity and cooperation. Now it is tackling the issue head-on, according to executive producer Duely Singer.

Through happenings on the block as well as animated and live action films, viewers will learn that all children share similar feelings whatever the color of their skin, and that a person who has a different skin color or eye shape can become a good friend.

"*Sesame Street* continually updates its curriculum, to meet changing needs," Ms. Singer said, "and it is especially timely that we deal now with race relations. We'll present both physical and cultural differences, emphasizing the similarities that make us all human as well as an appreciation of cultural differences."

Lecture on Philippine culture scheduled

Carolina Paciencia Salas McCluskey, assistant professor of computer science at the Penn State Allentown Campus, will present the talk, "Philippine Culture and History: The Melting Pot of the Orient" at noon Monday, Nov. 12, in the Academic Building at the Campus.

Dr. McCluskey, a native of the

Philippines, will trace the history and reflect on the culture of the country.

She joined the Penn State Allentown Campus faculty in the fall of 1985. She holds her doctoral degree from Lehigh University, her graduate degree from Ateneo de Manila University, Philippines, and her undergraduate degree from St. Scholastica's College, Manila.

Building.

Dr. Godwin, who received his Ph.D. in political science from the University of Minnesota in 1967, is a well-known specialist in Chinese military and strategic affairs. During fall 1987, he was visiting professor at the Chinese

People's Liberation Army National Defense University in Beijing.

His lecture is free to the public. It is sponsored by the Center for East Asian Studies and the East Asian Studies Society. For more information, call 863-0970.

Lecture to examine strategic relations

Education exchange

The College of Education has received a University Affiliations Award from the United States Information Agency's (USIA) Bureau of Educational and Cultural Affairs to facilitate an education exchange between Penn State and the University of Khartoum in the Sudan.

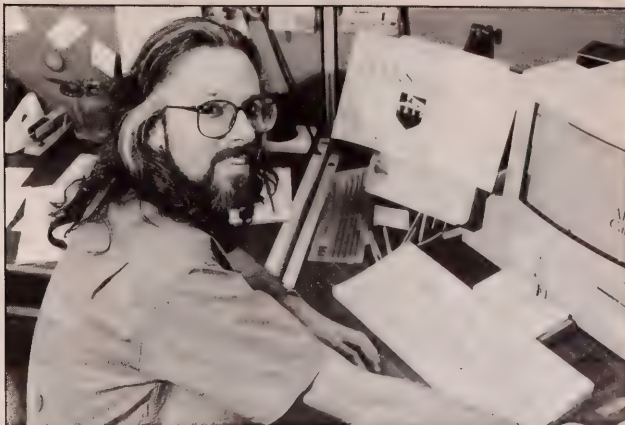
In a joint effort between Penn State and University of Khartoum officials, a proposal was put forth to USIA to establish an official link between the two universities and their faculty.

"Faculty in our college have had a long-standing relationship with the University of Khartoum," Rodney J. Reed, dean of the college, said. "In fact, in September, Ambassador Abdalla Ahmed Abdalla visited the college to discuss future affiliations."

"The College of Education has many faculty who will benefit from the research opportunities provided by a country such as the Sudan," Frances McKenna, professor of education and project director, said. "For example, the Sudanese are very good at rural distance education. Beyond sustaining their people they are re-educating them to be self-sufficient. There are tremendous opportunities for us to learn from their distance education system."

The first exchange will occur this month when Dr. McKenna will make the trip to the Sudan to set final schedules and arrangements for the three-year project.

"This project will help to solidify our commitment to an increased international role in education," Dean Reed added. "University affiliations grants are few in the field of education. We hope that this project will set the stage for additional projects to be funded within our college."



Penn State People

Keith R. Diehl

A photographic reproduction processor for the Department of Printing Services, Keith R. Diehl works on a wide variety of University printing projects. He is involved in designing and typesetting University stationery, brochures, posters, booklets and other printed materials for all campus locations. Most of his work is done on Macintosh computers using Mac-based desktop publishing software. "Working with the new technology is a lot of fun, and desktop publishing is very interesting," he says. A staff member for three years, Mr. Diehl also enjoys working with University clients and seeing the results of his efforts become finished products. (Photo: Greg Grieco)

President

Continued from page 1.

been secured, the actual release of funds for most of them has not been accomplished.

I have made the release of design funding for these facilities, particularly the library addition and the engineering research facility, one of my early and urgent priorities in Harrisburg. These high priority projects simply must begin to move forward. I am happy to say that a number of the campus projects already have begun to do so. We want to see similar progress at the University Park Campus, which has not seen a new building funded by the State since the construction of the Walker Building in 1974.

In response to this situation we are, between now and January 1, fact tracking a program to create space at University Park for the most critical space needs. We will be working with deans and unit heads to make some early decisions on what I regard as crisis needs. The longer range needs, which we know will be more costly -- but also critical to the University -- will be addressed through the President's Planning and Budget Advisory Committee, as I noted a moment ago.

However committed we may be to resolving the inadequacy of Penn State's facilities. It would be less than honest to overlook the larger fiscal environment in which that progress must occur. Unfortunately, the fiscal outlook for the near term is not encouraging. There is more uncertainty than ever before in the global economy as the situation in the Middle East continues to unfold. While we

may now be certain that we have a federal budget for the next year, there is nonetheless great uncertainty about a national economy anticipating the impact of government cutbacks, new taxes, and even recession. There also is some fiscal anxiety in Pennsylvania, as the Commonwealth faces its own budget difficulties and awaits the outcome of today's election.

In the midst of all this uncertainty, I am certain of only one thing: that the area of funding will continue to challenge Penn State in the years ahead. We will not stand alone in addressing that challenge.

Colleges and universities nationwide have begun to experience a decline in state support. The Chronicle of Higher Education reported two weeks ago that increases in state support are at a thirty-year low.

These trends may be discouraging to some, because they seem to suggest that public higher education has entered something less than banner years for public support. They suggest to me that we must work even harder to improve Penn State's funding from the Commonwealth. In a fiscal environment, it is more important than ever for the University to articulate with greater clarity, greater frequency, and to wider audiences the critical role that Penn State can and must play in solving our various problems.

In this connection, I am using the opportunities provided by my visits to campuses (five thus far) to build a broader and stronger political and support base for the University. I am encouraging grass roots support from the various constituencies, including students, faculty, staff, alumni, and advisory committees. Overcoming the serious underfunding that we have experienced will require the

best efforts of all of us in the Penn State community in its broadest and most comprehensive sense.

With hard work and a little luck, I am confident we can get our fair share of available resources -- and our definition of what is our fair share will be a moving and growing target.

In closing, let me acknowledge that the work we have ahead of us will not be easy. My long-time colleague, Derek Bok, summarizes our challenges well in his new book, "Universities and the Future of America."

Mr. Bok argues that our increasingly troubling search for a better society involves, and let me quote, "questions of quality and productivity that stem from problems reaching far beyond the strength of our scientific research ... to a considerable degree, our economic travails are also an outgrowth of many of our greatest shortcomings as a nation -- the defects of our public schools, the deficiencies of our government, the persistence of poverty and the related misfortunes of joblessness, drugs, illiteracy, crime, and disintegrating families."

Mr. Bok accurately describes the milieu in which we exist, in which we must lead, in which we must succeed. A university such as ours has the capacity and the will to thrive at the leading edge of our society in ways that I believe surpass the opportunities available to my alma mater.

If we are creative, thoughtful, and rigorous in our work, we will find the ways to take Penn State to a higher plateau of service and academic achievement. I look forward to the days when we will come together to celebrate the fruits of our labor in the enterprise we share.

Thank you.

Joab Thomas



Frost Entomological Museum

Frost Entomological Museum is home to 15,000 different kinds of insects and more than 333,000 specimens, according to John C. Luhman, research assistant and manager of the museum. Located in 102 Patterson Building at University Park, the museum has a representative collection of Pennsylvania insects, as well as specimens from many other states and Central and South America and China. The collection includes specimens gathered by University entomologists and others. A few museum inhabitants, such as the tarantula and Madagascan hissing cockroaches shown on this page, are living examples of their species, while others, such as the butterflies, are mounted in display cases. Dr. Luhman, a native of Minneapolis, came to the University last January. In addition to giving tours, he teaches and does research on parasitic wasps. The museum is open 8 a.m. to 5 p.m. Monday through Friday. (Photos: Greg Grieco)

Bookshelf

John W. Bagby, associate professor of business law, is the co-author of *Legal Aspects of the Management Process: Cases and Materials*.

Released by West Publishing Co., St. Paul, Minn., the book was written with Frederick G. Kempin Jr., emeritus professor of legal studies at the Wharton School, University of Pennsylvania, and Jeremy L. Wiesen, associate professor of business law and accounting at the Stern School of Business, New York University.

Now in its fourth edition, *Legal Aspects* has been updated substantially and contains new information on mergers and acquisitions, securities professionals, social responsibility and franchises. The cases covered include those involving insider trading, takeover tactics and legal constraints. A new international chapter covers business organizations and securities regulations on a global scale.

Historical, political, economic and social materials also are included to help readers fit business law into accounting, finance and strategy courses and a management perspectives chapter allows readers to gain a management decision-making perspective.

Judy Dunn, distinguished professor of human development and director of the Center for the Study of Child and Adolescent Development, and **Robert Plomin**, professor of human development, are co-authors of *Separate Lives: Why Siblings Are So Different*, published by Basic Books Inc.

Using examples from their research as well as accounts of famous authors and their siblings, the authors challenge the prevailing wisdom on the roles of nature and nurture in children's development. They show how heretics can explain many of the similarities, but not the vast differences between siblings.

In particular, they dispute the assumption that each child experiences the same family environment. Drs. Dunn and Plomin show that chance events, interactions with siblings and friends, and differences in the way the parents treat their children all combine to create "separate lives" for children within the same family.

Drs. Dunn and Plomin also examine the implications of their work for researchers, clinicians, and parents.

Gerald M. Phillips, professor of speech communication, is the editor of *Teaching*

How to Work in Groups, published by Ablex Publishing Corp. of Norwood, N.J. The book examines the problems individuals encounter when trying to perform as a group.

In a group working environment, Dr. Phillips says, members are traditionally expected to be open-minded and avoid commitment to a position. The consensus process assumes each person's ideas are equally worthy of expression and consideration within the group.

Teaching How to Work in Groups explores group dynamics from what to teach and how to teach it to finding the connections between individual performances and group outcome.

University contributors to the book include: **Dennis Gouran**, professor and head of speech communication; **Susan Jarboe**, assistant professor of speech communication; **Bill Mahon**, director of Public Information; **Mary McComb**, doctoral candidate; **Gerald M. Santoro**, supervising consultant in microcomputing at the Center for Academic Computing; **Hal Wittens**, assistant professor of speech communication; and **Nancy J. Wyatt**, assistant professor of speech communication.

Marshall M. Wilcher, assistant professor of political science at the Penn State New Kensington Campus, is the author of *The Politics of Acid Rain*, published by Gower Publishing Group. The book examines policies on acid rain in Canada, Great Britain and the United States.

While Britain and Canada govern more by consensus, the confrontational nature of American politics has slowed down the process of acid rain legislation, Dr. Wilcher notes.

In the United States, the separation of powers, lack of political party discipline, private ownership of major industries, the adversarial posture of interest groups, and the large number of governmental units all have contributed to a policy stalemate, he says.

In Britain, environmental regulations tend to be more broadly worded, and agencies are left to set goals and target dates.

In Canada, policy decisions are eased by the fusion of executive and legislative power at federal and provincial levels; the jurisdictional overlap between federal government and provinces, especially in regard to environmental matters; the tradition of extensive administration; and the governmental control of key industries.

News in Brief

Historian to speak

Historian James Mace, director of the Congressional Famous Cause, will speak on "The End of Denial: New Soviet Perspectives on the Ukrainian Kholodny Yar 1930s" at 3:30 p.m. Friday, Nov. 9, in 101 Kern at University Park.

His talk is sponsored by the Department of Slavic Languages, the Woskold Fund for Ukrainian Studies and the Penn State Ukrainian Club. A reception will follow in commemoration of the traditional Ukrainian November celebration of independence.

As part of the Slavic Center seminar, Mr. Mace will speak on "Coming to Grips with Stalinism in Ukraine" at noon Friday, Nov. 9, in 124 Sparks Building at University Park.

Hazleton symposium

The second International Affairs Symposium at the Penn State Hazleton Campus will feature a panel discussion on the subject of "Nationalism, Perestroika and Political Reform in the Soviet Union" at 7:30 p.m. Tuesday, Nov. 13, in Room K-1 of the Kostos Classroom Building.

The monumental changes that have occurred within the Soviet Union and Eastern bloc countries during the past 18 months will be discussed by Eugene Miller, assistant professor of history at the Penn State Hazleton Campus; Eric S. Rubin, bilateral relations officer of the U.S. State Department Office of Soviet Union Affairs; and Alexander Shalnev, senior Soviet reporter from *Izvestia*.

Visiting lecturer

Jiqian Zhang, Department of History at Princeton University, will speak on "The Influence of the American Revolution on 19th Century Chinese Intellectuals" at 4 p.m. Nov. 15 in the Memorial Lounge in Eisenhower Chapel at University Park Campus.

The event is sponsored by the Department of History and co-sponsored by the Center for East Asian Studies.

Classical rhetoric series

John Poulakos, associate professor of speech communication at the University of Pittsburgh, will present "Towards a Rhetoric of Possibility" 4:30 p.m. Thursday, Nov. 15, in Room 111 Chambers Building at University Park.

Sponsored by the Speech Communication Colloquium Classical Rhetoric Lecture Series, the lecture is open to the public and will be followed by a reception in 12 Sparks.

Dr. Poulakos is a specialist in the rhetoric of the Sophists and is a former speech communication faculty member at the Penn State Delaware County Campus. He has published two books and more than 15 articles and essays in such journals as the *Western Journal of Speech Communication*, *Philosophy and Rhetoric*, and *Communication Monographs*.

Russian journalist to visit

Russian journalist Evgenia Albals, who writes on Soviet topics for the *Chicago Tribune*, will speak on "Soviet Journalism before and after Glasnost" at 7:30 p.m. Thursday, Nov. 15, in Room 110 Wartik Laboratory at University Park. The talk will focus on her main areas

of interest, including Russian feminism, the status of women in the USSR, the KGB, AIDS, and religion in the USSR. Her visit is co-sponsored by the School of Communications and the Department of Slavic Languages.

Worksite wellness

Howard Kraft, manager of health services for Champion International Corp., will speak on "Promoting Wellness at the Workplace: How Does It Affect a Company's Bottom Line?" at 7 p.m. Nov. 15 in S-209 Henderson Building at University Park.

Mr. Kraft will discuss the "Champions for Life" program, a wellness program which promotes health and fitness among Champion International employees. As the third largest wood and paper products manufacturer in the world, Champion employs 22,000 workers at some 200 locations.

The presentation is co-sponsored by the Penn State Chapter of the Association for Fitness in Business and the University's Center for Worksite Health Enhancement.

Campus security teleconference

A teleconference on "Effective Approaches to Campus Security" will be presented from 2 to 4 p.m. Thursday, Nov. 15, in Room 112 Kern Building at University Park.

The teleconference, sponsored by the National Association of Student Personnel Administrators, in conjunction with Oklahoma State University and the National University Teleconference Network, is being presented by the Human Resource Development Center.

For registration information, call the center at 865-3410.

Project Renew Grant

The State College Branch of the American Association of University Women sponsors the Lucretia V.T. Simmons Project Renew Grant each year. The award is named for Dr. Simmons, a past president of the State College AAUW Branch, who, in 1918, was the first woman on the Penn State faculty to become a full professor.

Purpose of the award is to support women who have interrupted their academic work for at least three years and wish to resume or continue their studies at this time. A grant of up to \$1,500 will be awarded to a woman resident of Centre County who has completed a minimum of one-fourth of the degree requirements for a baccalaureate or master's degree.

Members of the grant committee are Barbara Grubb, chairperson; Gwen Bunnell, Virginia Eisenstein, Susan Garis and Susan Whitaker. Applications are available from Susan Whitaker, 512 Hillcrest Ave., State College, Pa. 16803. The deadline for submission is March 1, 1991.

Poultry Salesroom

The Poultry Salesroom will be open from 10 a.m. to 3 p.m. Wednesday, Nov. 21, and will have available for sale chicken roasters, fryers, stewing chickens and fresh eggs. For more information, call 865-3765.

Focus on the arts

Featured author

The Penn State Bookstore on campus will host Hank Nuwer, author of the newly released *Broken Places: The Deadly Rite of Hazing* (Longstreet Press, \$18.95), from noon to 2 p.m. Friday, Nov. 9. The book is the first in-depth, hard-hitting look at a bizarre social ritual endemic to American culture.

Mr. Nuwer, an investigative journalist and freelance writer who has researched hazing for the past 12 years, uncovers permanent physical and/or mental trauma in victims of hazing incidents involving fraternities, sororities, high schools, military institutions, athletic organizations and professional societies. *Broken Places* unveils long-protected secrets and facts for students, parents, school administrators, sociologists, psychologists and legislators seeking to understand a dangerous social practice that affects millions of Americans.

The Penn State Bookstore on campus is offering a 20 percent discount on *Broken Places* during the time of the book signing session.

Piano recital

Pianist Steven Smith, professor of music, will present a solo recital at 8 p.m. Sunday, Nov. 11, in the Recital Hall of the Music Building at University Park.

The program features the original piano version of Mussorgsky's "Pictures at an Exhibition," considered one of the most important works of the Russian Nationalist School of the late 19th century. The recital also will include performances of Schubert's Fantasy-Sonata in G, Opus 78, and J.S. Bach's Prelude and Fugue in E flat, W.T.C. II.

The arts on Channel 3

When Victor Hugo's "Les Misérables" was published in 1861, critics panned it, but it went on to outsell all other books of its day. History repeated itself in 1985 when the stage adaptation of "Les Misérables" opened at London's Barbican Centre, home



Von Deren Coke will give an illustrated lecture titled "The New Vision" at 7:45 p.m. Nov. 12 in 111 Kern Building.

of the Royal Shakespeare Company. A one-hour documentary special *Les Misérables: Stage by Stage* will air at 2:30 p.m. Saturday, Nov. 10, on WPSX-TV.

Providing some comic relief is "Jeeves and Wooster," a new five-part series based on the stories by P.G. Wodehouse airing at 9 p.m. Sunday, Nov. 11, on *Mystery Theatre*. Starring two of Britain's top comic actors, Hugh Laurie and Stephen Fry, the series follows the misadventures of the scrape-prone gentleman Bertie Wooster and his valet, Jeeves. The series also stars Mary Wimbush, Brenda Bruce, Richard Gannett and Adam Blackwood.

Visiting lecturer

Art and photo historian Van Deren Coke, of Santa Fe, N.M., will give an illustrated lecture titled "The New Vision," at 7:45 p.m. Monday, Nov. 12, in Room 111 Kern Building at University Park. The lecture is sponsored by the Institute for the Arts and Humanistic Studies and the Department of Art History.

The lecture will deal with the stylistic development of photography between

1914-46, including the work of Duchamps, Strand, Man Ray, Picasso and Ernst and their influence on what is now called modern art.

Faculty exhibit

The annual School of Visual Arts faculty exhibition will open Monday, Nov. 12, in the Zollner Gallery at University Park. It will be on display through Dec. 7.

University faculty members, from both University Park and the Commonwealth Campuses, will exhibit recent work in ceramics, sculpture, metals, painting, drawing, photography, printmaking, papermaking, fibers and graphic design.

A reception for the artists will be held from 7 to 9 p.m. Monday, Nov. 12, in the Gallery. Music will be performed by jazz Royale.

Zollner Gallery is located in the Visual Arts Building and is open from 9 a.m. to 5 p.m., Monday through Friday; 11 a.m. to 4:30 p.m. Saturday, and noon to 4 p.m. Sunday.

The 'We' plays

The award-winning Negro Ensemble Company will present a week-long residency, Nov. 12 through 17 at University Park, giving lectures and workshops, and performing a four-play cycle titled the "We" plays.

The "We" plays are the work of playwright Charles Fuller who won a Pulitzer Prize for his drama "A Soldier's Play." They depict America's past from an African-American perspective, beginning with the emancipation of the slaves in 1863 and ending at the turn of the century.

The series, directed by Douglas Turner Ward, a founding member of the company, chronicles the struggles of freed black slaves as they seek to build new lives.

The first play in the series, "Sally," tells the story of a black soldier torn between his commitment to the military and to the woman he loves. The second piece, "Prince," focuses on freed slaves as they adjust to new lives after emancipation.

"Jonquil," the third play, follows the characters introduced in the previous plays as they witness the rise of the Ku Klux Klan. "Burner's Frolic" concludes the series with the story of a successful black businessman who struggles against prejudice in the political arena and with the Ku Klux Klan.

The "We" plays will be presented at 8 p.m. Tuesday and Wednesday, Nov. 13 and 14, and Friday and Saturday, Nov. 16 and 17, in Eisenhower Auditorium.

Mr. Ward will speak at 7 p.m. Tuesday, Nov. 13, and Friday, Nov. 16. The talks will give audience members an opportunity to learn more about the background of that evening's performance.

The program is supported, in part, by grants from the Mid Atlantic Arts Foundation and the Commonwealth of Pennsylvania Council on the Arts, as well as a grant from the University's Equal Opportunity Planning Committee.



Skip Gray will present a tuba recital at 8 p.m. Nov. 15 in the Recital Hall of the Music Building.

It is co-sponsored by the Institute for the Arts and Humanistic Studies, the Paul Robeson Cultural Center, the Center for Women Students, and the departments of English, History, Black Studies, Women's Studies, Sociology, Theatre, American Studies and Administration of Justice.

Art history lecture

David Freedberg, professor of art history at Columbia University, will give a lecture titled "Art and Natural History in the 17th century" at 8 p.m. Tuesday, Nov. 13, in Room 112 Walker Building at University Park.

The lecture is part of the "Art of Interpreting" series sponsored by the Department of Art History and the Institute for the Arts and Humanistic Studies.

Dr. Freedberg received his doctorate from Oxford University in England. He is widely published on the subject of 17th-century Dutch art.

Odyssey on WPSU

"Translation is interpretation -- and in some cases, a fairly radical departure from the original," agrees Johann Pillaio on the next episode of "Odyssey Through Literature."

Mr. Pillaio, a graduate student in comparative literature at SUNY/Buffalo, discusses with host Leonard Rubinstein the unique relationship between a written work and the translation and interpretation of that work, citing Edgar Allan Poe's poem "The Raven" as an example.

"Odyssey Through Literature" is produced by the Department of Comparative Literature and airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

'Music Today' series

Robert P. Morgan, professor of music at Yale University, will give the lecture "What Please see 'Arts' on page 11.

The arts at...

Hazleton Campus

Students at the Penn State Hazleton Campus Society for the Arts are presenting the Benny Velour Show, a comedy revue, at 8 p.m. on Nov. 8, 9 and 10 in Highcases Commons.

Written, directed and starring students of the Society for the Arts, it consists of 15 comedy sketches hosted by lounge comedian Benny Velour.

For information about tickets, call (717) 450-3134.

Penn State-Behrend

The Penn State-Behrend Matchbox Players are presenting "The Day Room" by Don

Delillo in the Little Theatre now through Nov. 10 and Nov. 13 to 17 at 8 p.m., with 2 p.m. Sunday matinees Nov. 11 and 18.

"The Day Room" is a black comedy that deals with the fine line between sanity and insanity. The lunatics take over the asylum and one never knows who are the real patients and who are the real doctors.

Call (814) 898-0016 or 898-6331 for more information and reservations.

French pianist Marylene Dosse will perform a selection of classical works from the 18th to 20th centuries at 8 p.m. Tuesday, Nov. 13, in Reed Lecture Hall.

Professor Dosse's performance is free to the public. For more information, call (814) 898-6000.

University Park Calendar

November 8-- November 18

Special Events

Thursday, November 8

Trustees meet at University Park through Nov. 9

Careers in the Arts, 10:11-30 a.m., Palmer Museum of Art Stephen Porter on "Designing Sculpture on a Computer."
Bach's Lunch, 12:10 p.m., Eisenhower Chapel Singing Lions.

Bloodmobile, 1:7 p.m., Findlay Center for Women Students, 2:30-4:30 p.m., 120 Boucke, Joyce Illfelder, Kaye: Assertiveness Workshop: Learn to Communicate Your Needs and Wants Clearly--Both in and out of Personal Relationships.

Sexual Assault Awareness/Prevention Week Mock Trial: Acquaintance Rape, David E. Grune and Eileen Tucker, 7:30 p.m., HUB Assembly Room.

Friday, November 9

Geog. Coffee Hour, 4 p.m., 319 Walker, Robert Proctor on "What is the Political Philosophy of Science?"

Center for the Performing Arts, 8 p.m., Eisenhower Auditorium, The King's Singers.

Saturday, November 10

Shaver's Creek, Paper Making (Grades 3-6), 1-3 p.m., Call 863-2000.

Sunday, November 11

Shaver's Creek, Tracks in Traces, 2-4 p.m., Call 863-2000.

Center for the Performing Arts, 3 p.m., Eisenhower Auditorium, "Wright Brothers."

Carnegie Hall Film Series, 7 p.m., Kresge-McDonald (1955), 9 p.m., The Sidel's Wealth of the Poor (1971), 11 p.m., The Sidel's Wealth of the Poor (1971).

Monday, November 12

Comp. Lit. Luncheon, 12:15-1:20 p.m., 101 Kern, Linda Ivanits on "Myths of Dualistic Creation in the Russian Village of the 1890s."
Bloodmobile, 1:7 p.m., Waring Hall.

Tuesday, November 13

Bloodmobile, 1:7 p.m., Warnock Hall Shaver's Creek, Tracks in Traces, 2-4 p.m., Environmental Shopping, 7:30-8:30 p.m., Call 863-2000.

Center for the Performing Arts, 8 p.m., Eisenhower Auditorium, Negro Ensemble Company Also Nov. 14.

School of Music, 8 p.m., Recital Hall, Mozart Chamber Orchestra.
Dept. of Art History, 8 p.m., 112 Walker, David Freedberg, Columbia, on "Art and Natural History in the 17th Century."

Wednesday, November 14

Bloodmobile, 10 a.m., 4 p.m., HUB Ballroom.
Music Lecture Series, 8 p.m., Recital Hall, Robert P. Morgan, Yale.

URTC, 8 p.m., Pavilion Theater, "Butterfingers Angel, Mary and Joseph, Herod The Nut, and the Slaughter of 12 Hill Carols in a Pear Tree." Student preview, Also Nov. 15.

Thursday, November 15

Bloodmobile, 9 a.m., 3 p.m., 101 Kern; 11 a.m.-5 p.m., HUB Ballroom.

Women's Studies, 10:30 a.m., Eisenhower Auditorium, Negro Ensemble Company.

Dept. of Architecture, Brown Bag Lunch/Lecture, 12:10-1 p.m., Palmer Museum of Art.
"Conceptions of the Museum's New Wing by Students of the Department of Architecture."

Bach's Lunch, 12:10 p.m., Eisenhower Chapel, Penn State Mallet Ensemble.



The Wright Brothers, a musical comedy, will be performed at 3 p.m. Nov. 11 in Eisenhower Auditorium.

NASPA, teleconference, 2-4 p.m., 112 Kern.
"Effective Approaches to Campus Security."
Lecture, 7 p.m., 5:209 Henderson-Howard Knott, Champion Int'l. Corp., on "Promoting Wellness at the Workplace: How Does it Affect a Company's Bottom Line?"
Gallery talk, 8 p.m., Palmer Museum of Art, Karen J. Arbitman on "Pen, Ink and Genius: The Drawings of Rembrandt and Rubens."
School of Music, 8 p.m., Recital Hall, Skip Gray, tuba.

Spanish, lecture, 8 p.m., 101 Kern, John Degenais, Northwestern Univ., on "Reading as Supplement in Ramon Llull's *Book of Composition*."

Friday, November 16

Commission for Women meeting, 10 a.m.-noon, 101 Kern.

Geog. Coffee Hour, 4 p.m., 319 Walker, Wilbur Zelensky on "The Twinning of the World: Sister Cities in Historical and Geographic Perspective."

Shaver's Creek, Adventure Series: Animals in Winter (Grades 2-4), 9:30 p.m.-10:30 a.m. Also Nov. 17, Call 863-2000.

Center for the Performing Arts, 8 p.m., Eisenhower Auditorium, Negro Ensemble Co.

URTC, 8 p.m., Pavilion Theater, "Butterfingers Angel, Mary and Joseph, Herod The Nut, and the Slaughter of 12 Hill Carols in a Pear Tree" through Dec. 1.

Sunday, November 18

Shaver's Creek, Adventures of the Monarch Butterfly, 2-3 p.m., Call 863-2000.

Carnegie Hall Film Series, 7 p.m., Orpheus (1949); 8:45 p.m., Chinese Roulette (1976), 203 Willard, Free.

School of Music, 8 p.m., Recital Hall, Opera workshop.

Nov. 12-15, Industrial Hydraulics, Donna Ricketts, coordinator.
Nov. 12-16, HEC-2 Floodplain Hydraulics, Arthur Miller, chair, Barb Impellitteri, coordinator.
Nov. 15-17, Polarized Cold-Weather Shop, Steven Heppelmann, chair, Norm Labhury, coordinator.

Seminars

Thursday, November 8

Lecture, 2:30-4 p.m., 124 Sparks, Dr. Adarsh Sharma, New Delhi, India, on "The Integrated Child Development Services: The Indian Experience with a Nationwide Early Childhood Intervention Program."

Physics Colloquium, 3:30 p.m., SS Osmond Lab Donald R. Hamann, AT&T Bell Labs, on "Many-Body Simulations: Toward Real Materials."

Engineering Science and Mechanics, 3:35 p.m., 315 Hammond, Donald W. Rethke, United Technology on "Engineering Design of Space Toilet."

Graduate Program in Ecology, 3:45 p.m., 110 Wartik Lab, Dr. Gordon Kirkland on "Responses of Temperate Forest Small Mammal Communities to Ecosystem Disturbances: Clearcutting and Surface Mining."

Computer Science, 4 p.m., 325 Whitmore Lab, Gerard J. Holzmann, AT&T Bell Labs, on "Trains, Planes and Protocol Design."

Graduate Program in Acoustics, 4 p.m., ARL Classroom, Lance Bischoff on "Multi-Channel Adaptive Vibration Control of a Mounted Plate."

Gerontology Center Colloquia, 4:45 p.m., 106 Mitchell, Carla Walls on "The Effects of Religiosity and Informal Support in the Black Church on Elderly Well-Being."

Friday, November 9

Slavic Center Brown Bag seminar, noon, 124 Sparks, James Mace, Harbinian Institute, on "Coming to Grips with Stalinism in Ukraine." Also 3:30 p.m., 101 Kern, The End of Denial.

New Soviet Perspectives on the Ukrainian Killer Famine of the 1940s.
Accounting/MIS Research Colloquium, 3:30-5:10 p.m., 335 Beam, Robert Libby, Cornell, on "Audit Review as a Control for Budget Recall of Evidence in Decision Making."

Monday, November 12

Entomology, 3:45 p.m., 204 Patterson, Ron A. Prestidge, Ruakura Agricultural Centre, New Zealand, on "Progress in Control of New Zealand's Major Pasture Insect Pest."
EPH, 4 p.m., 138 Davey Lab, David Quarrie, CBAF, on "Progress Towards a Distributed Object Oriented Data Acquisition System at CBAF."

Prestidge Lectures in Chemistry, 8 p.m., 110 Wartik Lab, Ronald Breslow, Columbia, on "Double Bonding in Biomimetic Chemistry and in Chemistry." Also Nov. 13, 8 p.m., 110 Wartik, "Mimics of Ribonucleic Acids."
Nov. 14, 4 p.m., 5 S Osmond Lab, Mimics of Enzyme Coenzyme Systems, Nov. 15, 12:15 p.m., 5 S Osmond, Imitating Selective Biological Functions/Enzymes.

Tuesday, November 13

American Statistical Ass'n., State College Chapter, fall meeting, 3-5 p.m., 112 Buckhout.

Geosciences, 3:45 p.m., 301 Steidle, Al Hine, Univ. of S. Florida, on "Tectonic Control on Carbonate Platform Development, Northern Nicaragua Rise, Caribbean Sea."

Biology, 4 p.m., Mueller Lab, Robert Wyatt, Univ. of Georgia, on "Of Mosses and Milkweeds: Plant Parenthood."

Condensed Matter Physics/MRL, 4 p.m., 139 Davey Lab, Dr. P. Fleury, AT&T Bell Labs, on "Spin Fluctuations in the Oxide Superconductors."

Graduate Program in Nutrition, 4 p.m., 5:209 Henderson, Robert P. Heaney, Creighton Univ., on "Nutrition and Bone Health in an Aging Population: Controlling Problems." Also 7 p.m., 111 Wartik, "Nutrition and Bone Disease."

Wednesday, November 14
Special Physics Colloquium, 3:30 p.m., 101 Osmond Lab, Sara Solla, AT&T Bell Labs, on "Neural Networks: Learning and Generalization."

Accounting/MIS Research Colloquium, 3:30-5:30 p.m., 331 Beam, Armin Amerni, Univ. of Minnesota.

History Colloquium/East Asian Studies, 4 p.m., Memorial Lounge, Eisenhower Chapel, Dr. Jigang Zhang, Princeton, on "The Influence of the American Revolution on 19th Century Chinese Intellectuals."

Thursday, November 15
Polymer Science, 9 a.m., 301 Steidle, Dr. Robert Kempt, Mobay, on "A Novel Route to Aromatic Polyether Block Copolymers."

International Lecture Series, 2:30-4 p.m., 222 Boucke, Ruth Leventhal on "The Status of Women in Russia Today."

Physics Colloquium, 3:30 p.m., SS Osmond Lab, Michael Turner, Univ. of Chicago, on "Formation of the Stars in the Universe."

International Lecture Series, 3:45 p.m., 110 Wartik, Dr. Melanie Slansky, American Museum of Natural History, on "Fishes of the Highlands of Madagascar: A Study of an Endangered Fauna."

Computer Science, 4 p.m., 325 Whitmore Lab, Stavros A. Zenos, Univ. of Pa., on "Massively Parallel Network Optimization with a Financial Application."

Classical Rhetoric lecture, 4:30 p.m., 111 Chambers, John Poulakos, Pitt, on "Towards a Rhetoric of Possibility."

Reflects an international perspective

Conferences

Continuing Education

Keller Building

Nov. 13-15, Graduate Builders Institute, Eric Loop, coordinator.

Private Giving to Penn State

Heinze family gift to support new building

A Penn State alumnus and members of his family have committed \$50,000 to a new building planned by the College of Health and Human Development.

John J. Heinze president of The Allenberry resort, Bowling Springs, with his mother, brother, and sister—MaryLu, Jere and Jane Heinze Taylor—made the gift in honor of his father, the late Charles A.B. Heinze.

Construction on the 31,000-square-foot building, part of the expansion and renovation plans of the college's School of Hotel, Restaurant and Institutional

Management (HRIM), is expected to begin next spring.

John Heinze graduated from the school in 1957 with a bachelor's degree in hotel administration. "This gift is to honor my father and his role in helping to establish this outstanding school," he said.

Charles A.B. Heinze, a 1929 Penn State graduate, became a national leader in the hotel and inn-keeping industry. He developed The Allenberry resort and was Penn State's first distinguished Alumnus in the hospitality field. His were among the earliest efforts to establish HRIM, which was formally created in 1937 and is now

the fourth oldest program in the nation.

The Charles A.B. Heinze Administrative Suite in the new facility will be named in recognition of the family's gift. The building, designed as a two-story structure adjacent to Keller Building on the University Park Campus, will house a dining room, production and research kitchens, classrooms, a library and multimedia resource center.

Construction is estimated to cost \$5.4 million. The University has allocated \$1.5 million for the project, and private support will provide the remaining funds.

Ford Motor grant to assist research

Ford Motor Co. has given \$250,000 to support engineering programs at the University.

The auto maker designated \$100,000 for building renovations in the College of Engineering, \$75,000 for the college's research program in the Department of Acoustics and \$75,000 for acoustics research at the Applied Research Laboratory.

The donation for building renovations is part of \$2 million in private gifts the college needs to modernize the Mechanical Engineering Building and the Electrical Engineering West Building. Private funds will be added to a \$9.48 million state appropriation and a \$2 million allocation from the University.

Ford's donations for acoustics research are aimed at ways to decrease automotive noise pollution.

The company's support of the Department of Acoustics further the investigations of Jiri Tichy, professor of architectural engineering, into methods of noise control for motor vehicles.

The gift to the Applied Research Laboratory will assist Professor of Acoustics Gerald C. Lauchle's work in controlling noise in automotive heater and air conditioning systems.

Grant aids Peace and Conflict Studies Program

A \$10,800 grant from Pennsylvania Quakers will assist in pursuing a Peace and Conflict Studies Program at the University.

The grant, made by the Philadelphia Yearly Meeting of the Religious Society of Friends through the State College Friends Meeting, will help support a visiting professor to teach courses and to guide the development of the new program.

"We would welcome a bequest of this nature at any time, but it is particularly relevant today," President Jordan said. "We are entering a new era of peace, and giving

students an opportunity to study these issues adds a great deal of meaning to their education."

The grant will be matched by funds from four Penn State colleges—Arts and Architecture, Engineering, Health and Human Development, and the Liberal Arts—as well as the School of Communications and the Graduate School.

Andrew Murray, chaplain and associate professor of peace and conflict studies and director of the Baker Institute of Peace and Conflict Studies, Juniata College, has been

appointed visiting professor in Penn State's Science, Technology, and Society Program for the Fall 1990 Semester. The STS program will house the Peace and Conflict Studies initiative on a provisional basis.

The Peace and Conflict Studies Program stems from efforts by a faculty committee of the Commonwealth Educational System and a more recent volunteer committee initiated by the State College Friends Meeting and composed of faculty administrators and community members.

Penn Staters

Robert Lima, professor of Spanish and comparative literature and Fellow of the Institute for the Arts and Humanities Studies, was invited by Spain's Consejo Superior de Investigaciones Científicas to present a paper at the recent symposium on "Valle-Inclán y la crítica: Recepción de su obra."

Mel Seesholtz, assistant professor of education at the Penn State Ozontz Campus, was a featured speaker at the CyberArt Conference in Vienna and at Ars Electronica in Linz, Austria. He also spoke at conferences in Frankfurt, Heidelberg, Mannheim and Hamburg in West Germany, at the Third International Cybernetics Symposium in Amsterdam, and at Humboldt University in East Berlin.

Robert Tauber, associate professor of education, **Mari Treanle**, coordinator of academic affairs, and **Cathy Mester**, instructor of speech communication, all at Penn State Erie, The Behrend College, made a panel presentation on "Nurturing the Next Generation of College Students" at the 10th annual Conference on Teaching and Learning in Higher Education at McGill University, Montreal, Canada.

George M. Enteen, professor of Russian history, presented a lecture, "A New Tendency in American Historical Scholarship," before the All-Union Academy of Sciences to the Historiographical Section of the Institute of History of the U.S.S.R. in Moscow.

Dennis A. Gioia, associate professor of organizational behavior, was an invited speaker at the International Conference on Artificial Intelligence and Organization Theory in Amsterdam, The Netherlands.

William T. Hughes, coordinator of the Division of Undergraduate Studies Program at the Penn State Mont Alto Campus, has received the 1990 Outstanding Contribution to the Pennsylvania College Personnel Association Award.

Linda J. Iwanits, associate professor of Russian, delivered invited papers at the Irish Slavists' Association Conference in Dublin, Ireland, and the fourth World Congress for Soviet and East European Studies in Harrogate, England.

Gerald G. Johnson Jr., associate professor of computer science, gave an

invited talk titled "XRD-A Series of Integrated Computer Programs for the Analysis of Powder Diffraction Data" at KFA/Julich, BDR, and Shell Research Laboratory in Amsterdam, the Netherlands.

G. Gregory Lozier, executive director of planning and analysis, and **Dennis D. Hengstler**, of the University of Houston, presented a paper titled "Projected Faculty Shortages in the United States: Implications for Europe" at the 12th International Forum of the European Association for Institutional Research in Lyon, France.

Linda Miller, associate professor of English at the Penn State Ozontz Campus, served as seminar leader for "Teaching Hemingway's *Farewell to Arms*" at the Fourth International Hemingway Conference at the John F. Kennedy Library in Boston.

Michael M. Naidan, associate professor of Slavic languages, presented invited papers at the Irish Slavists' Association Conference in Dublin, Ireland; the fourth World Congress for Soviet and East European Studies in Harrogate, England, and the First World Congress

of Ukrainian Studies in Kiev, the Soviet Union.

Richard Nelson, interim head of the Department of Exercise and Sport Science and director of the Biomechanics Laboratory, delivered the keynote address, "Sport Biomechanics at the Olympic Games," at the 1990 Beijing Asian Games Scientific Congress.

Clifford H. Wagner, associate professor of mathematics and computer science, Penn State Harrisburg, presented a talk titled "Insights from Sampling" at the Third International Conference on Teaching Statistics in Dunedin, New Zealand.

Brian Winston, dean of the School of Communications, presented a paper, "Against a Certain Tendency in Interpreting U.S. Telecommunications and Media Events," at the International Institute of Communications in Dublin, Ireland.

William L. Duke, assistant professor of geology, has been appointed associate editor of the *Journal of Sedimentary Petrology* for a nominal four-year term.

University faculty and staff members receive awards

Research awards

Mary Frances Picciano and Alexander von Eye have received the Evan G. and Helen G. Pattishall Outstanding Research Achievement Awards, sponsored by the College of Health and Human Development. Both will present lectures next spring in connection with the awards.

Dr. Picciano, professor of nutrition, is internationally recognized for her research in maternal and infant nutrition. Her research focuses on the nutrient composition of human milk and on infants' requirements for key nutrients, including iron, folate, protein, and selenium.

She has earned two national awards for her research: the 1984 Borden Award and the 1987 Lederle Award in Human Nutrition.

Dr. Von Eye, professor of human development and psychology, is well regarded internationally as a developmental methodologist with expertise in adult development and aging.

Since coming to Penn State in 1985, he has published six scholarly books on statistical methods for developmental research, and his publication record has established him as an authority on categorical statistical methodology in developmental research.

The Pattishall Outstanding Research Achievement Award honors faculty members for outstanding research contributions occurring or culminating within the past several years. It was awarded by Evan G. Pattishall, dean emeritus of the former College of Human Development, and his wife, Helen, who earned a bachelor's degree from the college.



Mary Frances Picciano

Continuing Education won the majority of the awards presented, capturing seven of the 13 honors.

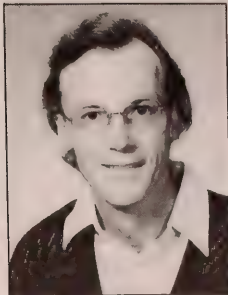
Winners included:
 -- **Ronda R. Stump**, continuing education representative at Penn State Harrisburg, for development of a program in conjunction with the Department of Environmental Resources, on solid waste recycling management.

-- **Thomas L. Schaefer**, Continuing Education office, York, for development of a noncredit program to help York County residents learn critical issues related to land use, quality of life and growth management.

-- **Ron Workinger**, York, for a program developed in conjunction with the College of Earth and Mineral Sciences, to help train workers at the Caterpillar Co. in the principles of metal plating and coating technology.

-- **Jane Keath and Beth Gill-MacDonald**, York, for development of a credit program that taught teachers how to build self-esteem in children, a factor that helps learning achievement and social skills.

-- **Leslie A. Curtis**, continuing education, Penn State Erie, The Behrend College, for direction of a quality methods and



Alexander von Eye

management certificate program that addressed the "continuous process improvement effort" which has become a manufacturing emphasis.

-- **Donald A. Gogniat**, director of continuing education, York, and **Terry L. Riley**, director of the Lancaster Center, for a program to provide manufacturing firms in Southcentral Pennsylvania with the managerial and technical skills necessary to improve their production capacity.

-- **Janet Patterson**, director of continuing education at Penn State-Behrend, formerly director at Mont Alto, for development of a workshop at Mont Alto designed to help regional students in the Cumberland Valley stay in school and go on to college.

Chemistry award

Barbara Garrison, professor and head of the Department of Chemistry, is the winner of the American Chemical Society's 1990 Akron Section Award.

A theoretical chemist who uses supercomputers to understand the behavior of solids and surfaces, Dr. Garrison is, perhaps, best-known for her models of the bombardment of solids by energetic

particles. Her work is important in such diverse areas as semiconductor device fabrication, structural determinations of molecules on metal surfaces, and determination of solar wind action on extraterrestrial surfaces.

Dr. Garrison received an engraved plaque and a \$1,000 honorarium.

The award is presented each year to a chemist 45 years of age or younger who demonstrates exceptional promise for making significant contributions to the chemical sciences.

Earlier this year, Penn State honored Dr. Garrison with the Faculty Scholar Award for Outstanding Achievement in the Physical Sciences and Engineering.

A graduate of Arizona State University, she earned a doctorate in chemistry at the University of California at Berkeley.

Emerging professional

Frederick "Rick" W. Schulze of Williamsport, who develops education and support programs for people with AIDS, has received the 1990 Emerging

Professional Award from the College of Health and Human Development. The annual award, co-sponsored by the college and its alumni society, recognizes graduates of the previous six years who have shown professional excellence or exemplary community involvement in the health and human development professions.

Mr. Schulze, one of 75 people chosen as an "American Who Cares" by the National AIDS Network in Washington, D.C., is an HIV Public Health Program Representative with the North Central District of the Pennsylvania Department of Health. He has developed and coordinated an 11-county volunteer "buddy" system for people with AIDS.

He is a volunteer AIDS educator for the Regional Family AIDS Federation of Parents and Friends of Lesbians and Gays (Parents FLAG).

A part-time Penn State health education instructor, Mr. Schulze holds a bachelor's degree in communications from Mansfield University and earned a master's degree in health education from Penn State in 1985.

Continuing Education

Penn State Continuing Education received seven major awards at the annual meeting of Region II, National University Continuing Education Association. The awards were for several non-traditional educational programs assisting business, industry, and municipalities and for a credit program helping a school district build pupil self-esteem.

Letter to the Editor

To all my good friends across the University whose kind words, prayers, flowers, were so deeply appreciated...thank you. You should understand how much your messages encouraged me to carry on in the face of darkest adversity.

I hate the impersonality of anonymous letters, cards, notes and prayers which refresh treasured thoughts of friends when my fading brain strives to recall within a montage of family, friends, colleagues, secretaries, parochial staff from myriad sources such as the academic colleges at University Park and the Commonwealth Colleges affiliated with these colleges. Colleagues from a number of other institutions, including The State University of New York at Albany; The University of Wisconsin (Madison), Columbia and Columbia Teachers College, also wished me

speedy recovery from my incurable illness.

Everyone whom I knew from these colleges, universities, and affiliates sent cards and epistles. Would that I could spend the time to reply to each of these wishes in the manner and tone which generated your thoughts. But the time is short-lived, so I must seek the help of my friends who edit university, college and professional newsletters.

Again, many thanks to you, your families, your friends, for wishing me well in this battle. I love your thoughts and I regret my inability to supply the long telegrams which your kind thoughts so warmly deserve. God Bless Live long, happy, and healthful lives.

Edward R. Fagan
 Professor Emeritus of Education

Bookshelf

Words for My Daughter, the third collection of poetry by **John Balaban**, professor of English, has won selection in the National Poetry Series, one of the most prestigious annual contests open to American poets. Of the 1,400 manuscripts submitted to the contest, five were chosen by distinguished judges. Professor Balaban's manuscript will be published by Copper Canyon Press in June 1991.

One of the poems in his book also won selection in the 1990 Pushcart Prize XV anthology; another was selected for *Harper's* magazine Reprint section.

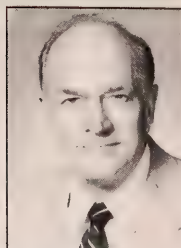
Robert F. Schmalz, professor of geology, E. Willard Miller, professor emeritus of geography, and S.K. Majumder of Lafayette College are co-editors of *Environmental Radon*:

Occurrence, Control and Health Hazards, published by the Pennsylvania Academy of Science.

This book of 30 chapters and 30 authors provides a comprehensive survey of environmental radon. Radon, the silent killer, is now recognized as a worldwide threat to health. The volume is divided into six parts beginning with an historical perspective followed by the geological aspects of radon, the detection and measurement of radon, health problems and the regulation and policies of radon control, legal aspects and economic impacts.

Besides the co-editors, other Penn State authors of chapters are **Arthur W. Rose**, **John W. Washington**, **Daniel J. Greenman**, geosciences; **William A. Jester**, **Bonnie C. Ford**, **James Livingston**, nuclear engineering; and **Benjamin N. Henszey**, business law.

25-year award recipients



Observing 25 years of service at the University are, from left, John V. Cooney, campus executive officer at the Penn State Allentown Campus; Marilyn Eastridge and Elizabeth Wenrick, assistant professors of exercise and sport science, and Margaret Wenrick,

secretary A, administrative services, Dean's Office, all in the College of Health and Human Development; Douglas Sampson, professor of astrophysics, Eberly College of Science.

Faculty/Staff Alerts

Job announcements

The Employment Division reminds University faculty and staff that, in addition to the *Penn State Intercom*, University employment opportunities are listed on WPSX-TV, Pennarama, CNet, and through the Penn State Job Information Service TIPS Telephone Service (865-JOBS).

"This extension of the Penn State job announcing program has been very successful," Milt Trask, manager of the Employment Division, said. "We have received many positive comments about these services."

Here is the schedule of air time for each announcing program: WPSX, Thursday, 7 and 11 p.m.; Pennarama, Monday, Wednesday, Friday, 6 a.m., 6 p.m., noon and midnight; and Tuesday, Thursday, Saturday, 8 a.m., 8 p.m., 2 a.m., and 2 p.m.; CNet, listed periodically throughout the day from Friday through Tuesday of each week the *Intercom* is published. This information is available to viewers in Centre County who are subscribers to TCI of Pennsylvania.

The Telephone Job Information Service may be accessed by dialing (814) 865-JOBS.

Software bundling policy

The University recognizes that the majority of personal computers purchased are used for the manipulation and preparation of text. In order to enable us to reduce the cost of the software which is purchased to support these functions for the vast majority of microcomputers sold, we will begin bundling a word processing software package with every microcomputer sold to faculty, staff, students and departments.

This policy also demonstrates our commitment to respect the intellectual property rights of others and to reduce the opportunity for faculty, staff and students to knowingly or unknowingly engage in illicit software copying, thereby placing the University at risk.

On Nov. 12, we will begin by bundling a word processing software package with each Macintosh sold to the University

community. A similar program for IBM microcomputers will be implemented in the near future as soon as we complete negotiations with word processing suppliers.

Each Macintosh purchased will include Claris MacWrite II. The purchaser may choose to substitute another word processing software package offered by the Microcomputer Order Center at an additional cost. Personal purchasers may make the substitution at time of order. Departmental systems will be delivered with the Claris MacWrite II software. It may be exchanged, if unopened, at the Microcomputer Order Center (MOC) located in 12 Willard Building at University Park.

Current word processing software selection options for Macintosh Computers are Claris MacWrite II and Microsoft Word.

If an individual (or department) already has word processing software that can be legally used on a newly purchased microcomputer, the purchaser must present the original software program distribution disk and the licensing page from the software manual for marking and registration by the Microcomputer Order Center as proof of previous purchase.

'Leave the Pack Behind'

On Thursday, Nov. 15, Penn State, along with colleges and universities around the country, will recognize the annual Great American Smokeout sponsored by the American Cancer Society.

This 24-hour break from tobacco provides a chance for smokers and non-smokers alike to work as a team to encourage good health and support those trying to stop smoking cigarettes or using smokers tobacco. Faculty, staff and students are invited to join the Smokeout by either quitting their tobacco habits for the day or "adopting" a friend or co-worker who is trying to quit.

During last year's Great American Smokeout, approximately 10.5 percent of

the nation's smokers were able to quit for 24 hours. One to three days later, 3.9 million still were not smoking.

At University Park, the Faculty/Staff Health Promotion Program and student Office of Health Promotion and Education will provide survival kits, snacks and information on quitting.

For information about how to participate in the Great American Smokeout at other University locations, contact the campus health center or the Faculty/Staff Health Promotion Program Office at (814) 865-3085.

Holiday card purchases

The Penn State Bookstore on campus wishes to clarify the method by which departments purchase the Penn State holiday cards.

General funds should not be designated for this purchase; unrestricted departmental gift funds should be used instead. Departments are advised to contact their financial officers if they have questions about this type of purchase. Call Shirley Baney or Stephanie Luther (863-2512) at the bookstore to order Penn State holiday cards.

Courses for faculty and staff

The Human Resource Development Center has openings in the following courses. Call the Center at 865-3410 for registration information.

Intergroup Relations II Introduces practical skills to improve interactions with culturally diverse individuals; prerequisite: Intergroup Relations I; meets from 9 a.m. to 4 p.m. Monday, Nov. 26, cost: none.

Satisfying more than one Boss The interactive program will allow participants to analyze their current situation, develop goals and action steps to improve it, and to evaluate the success of the alternatives chosen; meets from 1:15 to 3:15 p.m. on three Tuesdays, Nov. 27 to Dec. 11, cost: \$55.

Conflict Resolution Focus is on theories of anger, different reactions to anger and

implementation of techniques and skills to use in conflict resolution; meets 9 a.m. to 4 p.m. Wednesday, Nov. 28, cost: \$55.

Affirmative Action Learn about the University's affirmative action goals and objectives; meets 1:15 to 4:30 p.m. Thursday, Nov. 29, cost: none.

Career Planning This course will assist participants in developing career goals, job search strategies; resume writing and interview skills; meets 8:30 to 11:45 a.m. Mondays, Dec. 3 and 10, cost: none.

Organizational Team Building This workshop will help work units decide on the applicability of team building for their units; meets from 8:30 to 11:45 a.m. Wednesday, Dec. 5, cost: \$35.

Burnout This workshop will explore possible alternatives and solutions to burnout; meets from 9 a.m. to 4 p.m. Wednesday, Dec. 12, cost: \$55.

Managing Cultural Diversity Practice decision-making related to cultural diversity, and challenge and develop managerial skills; meets from 9 a.m. to 4 p.m. Monday, Dec. 17, cost: none.

The One Minute Manager Learn how to increase staff productivity and morale through Ken Blanchard's video "The One Minute Manager." Participants will receive a software copy of the book; meets from 9 a.m. to 4 p.m. Wednesday, Dec. 19, cost: \$55.

Parking at Rider Building

There is no loading zone or available University parking at Rider Building for pick up or deliveries. Burrows Road in front of the Rider Building is posted no parking. The Borough of State College is issuing parking tickets to those parking in the no parking area.

Faculty and staff members should park at metered spaces or at the Fraser Street parking garage. In addition, the campus shuttle has a stop at the corner of Burrows Road and College Avenue, and the town loop bus which originates at Shields Building has a stop at Rider Building.

Appointments

Kenneth I. Clarke has been appointed assistant director of religious affairs.

In his new capacity he will be responsible for Eisenhower Chapel's educational programming and will especially focus on issues of religion and cultural diversity.

Mr. Clarke earned his bachelor of arts degree in English in 1980 from Morgan State University, Baltimore, Md., and his master of divinity degree from Colgate Rochester Divinity School, Rochester, N.Y., in 1986.

An ordained minister, Mr. Clarke comes to the University from Third Baptist Church, San Francisco, Calif., where he was an assistant pastor and administrator. He formerly held positions as a youth pastor and an at-risk counselor.

Charles R. Enis has been appointed the first Coopers and Lybrand Faculty Fellow of Accounting at the University.

Created in 1989 through a gift of \$100,000 from the partners, staff and



Kenneth I. Clarke

foundation of Coopers and Lybrand, a major accounting firm, the fellowship

recognizes an outstanding member of the Department of Accounting and Management Information Systems at Penn State.

Dr. Enis, whose research interests are in taxation, public policy and human information processing, joined the University faculty in 1981.

An associate professor of accounting and management information systems, he holds bachelor of science degrees in accounting and finance/economics, an M.B.A. and a D.B.A., all from the University of Maryland. He also is a licensed certified public accountant in Maryland.

Three new administrators have been named to the staff of the Penn State Wilkes-Barre Campus.

Cintia Harbold, a recent graduate of Cornell University with a B.S. in human development and family studies, has been appointed student activities director.

As an ALERT Peer Counselor at Cornell,

she received extensive training for drug and alcohol education. She served as a relief counselor for Concern Inc., Bethlehem, Pa., where she encouraged positive social interactions and appropriate behavior by children and adolescents in professional foster homes.

Diane Myers, development assistant, formerly served as the director of the Volunteer Action Center, a division of the United Way of Wyoming Valley.

She is a graduate of Beaver College, Glenside, Pa., with a B.A. in history, and of Drexel University, where she earned her M.S. in library science.

Joann Masili, assistant for public information and alumni relations, received a B.A. in speech communications/broadcasting from Penn State.

She has extensive experience in advertising, marketing and public relations, holding positions as a copywriter for a local radio station; associate producer and public relations coordinator at Media Productions/Videolink, Scranton; and as a marketing coordinator for Eagle Lake, a Pocono resort.

Focus on the arts

Continued from page 6.

is Music Today" at 8 p.m. Wednesday, Nov. 14, in the Recital Hall of the Music Building at University Park.

The lecture is sponsored by the School of Music and is part of the inaugural "Music Today 1990-91" lecture series.

Mallet ensemble

The Penn State Mallet Ensemble will perform in concert at 12:10 p.m. Thursday, Nov. 15, in Eisenhower Chapel at University Park. The 20-minute concert is part of the Bach's Lunch Concert series, sponsored by the School of Music and the University Lutheran Parish.

The program will consist of arrangements of music by Tchaikovsky, Humperdinck and Johann Strauss performed with marimbas and xylophones. The group is conducted by John Rack, percussion instructor in the School of Music, and includes Chad Francis, Krista Lundvall, Joseph Parker, Timothy Smith, Jessica Stehr and Kevin Tutt.

Tuba soloist

Skip Gray, associate professor of music and low brass teacher at the University of Kentucky, will present a tuba recital at 8 p.m. Thursday, Nov. 15, in the Recital Hall of the Music Building at University Park.

Caryl Conger, head of accompanying and chamber music at Radford University in Virginia, will accompany him. The program includes works by Handel, Hindemith, Bozza and Frank Lynn Payne. In addition, Mr. Gray and Ms. Conger will perform their own arrangement of Ravel's "Mother Goose Suite."

Museum discussion

Kahren J. Arbitman, director of the Palmer Museum of Art, will discuss "Pen, Ink and Genius: The Drawings of Rembrandt and Rubens" at 8 p.m. Thursday, Nov. 15, at the museum at University Park.

Her talk will focus on Rubens' and Rembrandt's use of drawings, from brief on-site sketches that served as preliminary design, to highly detailed drawings that were works of art themselves. She also will discuss the range of media the artists used, from red chalk to sepia and bistre ink.

Holiday musical

The University Resident Theatre Company presents "The Butterfingers Angel," a fun-filled holiday musical, opening at 8 p.m. Friday, Nov. 16, in the Pavilion Theatre at University Park.

The play is a straightforward telling of the nativity story with just enough humor to make it fun for the whole family.

"It tells of the birth of Christ but in very contemporary human terms," director Helen Mansfull explained. "It deals with the human faculties of the people involved in that important story."

Additional performances will be given Nov. 16-17, Nov. 19-20 and Nov. 27-Dec. 1, with a special matinee performance on Nov. 17. For ticket information, call (814) 863-0255.

Formal Gallery exhibit

"Contrasts: 40 years of Change and Continuity in Puerto Rico" is on exhibit until Dec. 2 in the Formal Gallery of the Hezel Union Building at University Park.

The exhibit, which is the culmination of

40 years of work by photographer Jack Delano, is part of the Smithsonian Institution Traveling Exhibition Service (SITES).

Mr. Delano's purpose was not just to track down the same people for before and after portraits, but to compare whole lifestyles and attitudes, as well as faces and places.

New department

A cross-disciplinary general arts degree program is the fastest growing major in the College of Arts and Architecture and is the center of the new Department of Integrative Arts.

"The new department provides a permanent home for the program that has grown 125 percent since 1987, and is now the primary academic unit for all arts and architecture faculty members at the 'Commonwealth Campuses,'" William Crocken, head of the new department, said.

Students enrolled in the general arts degree program develop individual and multidisciplinary arts programs from courses in the College of Arts and Architecture as well as other colleges in the University. The programs balance the fine and applied arts with internships in the student's area of professional interest.

The Department of Integrative Arts also has been designated as the home for the interdisciplinary general arts courses that fulfill basic degree requirements for all students at the University.

The Board of Trustees approved the formation of the Department of Integrative Arts at its May 1990 meeting, creating a home for the general arts major. It is the first new department in the college since it was created in 1963.

Power of the word

The six-part PBS series *The Power of the Word* with Bill Moyers is now available on videotape from Audio-Visual Services. The segments present poetry as a dynamic, deeply personal process that speaks to common human experience and the sorrows and joys of everyday life. Such contemporary poets as Stanley Kunitz and Octavio Paz are featured, and readings at the 1988 Geraldine R. Dodge Poetry Festival are shown.

The programs are available at no charge to University faculty and staff members for classroom use. At University Park, call 865-0913 for more information and to make arrangements for a preview showing. At a Commonwealth Campus, contact the campus instructional services specialist for ordering procedures.

Anti-apartheid musical

The Market Theatre of South Africa, and Broadway, will present "Sarafina!" a musical about black South African students and their rebellion against apartheid at 8 p.m. Tuesday, Nov. 27, in Eisenhower Auditorium at University Park.

Despite its political basis, "Sarafina!" prefers to distinguish itself as a musical celebration. The 30 South African teenagers in the cast celebrate as they leap and skip to the beat of South Africa's native music, called mbaqanga. Combining jazz, rock, gospel and rhythm and blues, mbaqanga creates the intense, driving sound also called "music of liberation."

The audience is invited to a pre-show discussion with a member of the "Sarafina!" touring company as part of the Artistic Viewpoints lecture series at 7 p.m. in the Eisenhower Auditorium Greenroom.

Priestley lectures in chemistry are scheduled

Ronald Breslow, S.L. Mitchell professor of chemistry at Columbia University, will present the 1990 Joseph Priestley Lectures in Chemistry Nov. 12-15 at University Park.

The four-lecture series, titled "Biometric Chemistry," is sponsored by the Eberly College of Science and is open to the public, free of charge.

Dr. Breslow will lecture on: "Double Binding in Biometric Chemistry and in Chemotherapy," 8 p.m. Monday, Nov. 12, Room 110 Wartik Laboratory; "Mimics of Ribonuclease Enzymes," 8 p.m. Tuesday, Nov. 13, Room 110 Wartik Laboratory; "Mimics of Enzyme-Coenzyme Systems," 4 p.m. Wednesday, Nov. 14, Room 5-5 Osmond Laboratory, and "Limiting Selective Biological Functionalizations," 12:15 p.m. Thursday, Nov. 15, Room 5-5 Osmond Lab.

Dr. Breslow is a Fellow of the American Association for the Advancement of Science (AAAS) and an elected member of the National Academy of Sciences, the American Academy of Arts and Sciences,

and the American Philosophical Society.

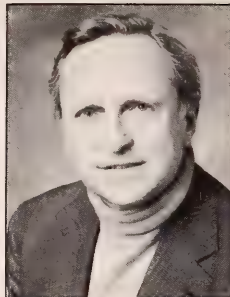
He has won numerous awards, including a Sloan Research Fellowship, the American Chemical Society Award in Pure Chemistry, and the Centenary Medal of the British Chemical Society.

A member of the Rockefeller University Board of Trustees since 1981, he has been chairman of the Organic Division of the American Chemical Society, chairman of the Division of Chemistry of the National Academy of Sciences, and chairman of the Chemistry Section of the AAAS.

Dr. Breslow joined the Columbia University faculty as a chemistry instructor in 1956. He was promoted to associate professor in 1959, professor in 1962, and was named S.L. Mitchell professor of chemistry in 1967. From 1976 until 1979, he was chairman of the university's Department of Chemistry.

He holds a bachelor's degree in chemistry, a master's degree in biochemistry, and a doctoral degree in organic chemistry from Harvard University.

The Priestley Lectures are named in



Ronald Breslow

honor of Joseph Priestley, the 18th century chemist who discovered oxygen, and were established by the late Professor Wheeler P. Davey in 1926.

Division head sought

Penn State Harrisburg announces an internal search for the position of head, Division of Public Affairs. Reporting to the associate provost of the College, the division head serves as chief administrative officer and academic leader for the Division.

Candidates must have an earned doctorate, be tenured at Penn State at the rank of associate professor or professor (the latter is preferred), be a senior member of the Graduate Faculty with a substantial research record, and have teaching experience in public affairs, administration, or policy.

Candidates also should have a demonstrated commitment to affirmative action and to a collegial management style that fosters and facilitates the accomplishments of faculty and staff.

Appointment to the position will begin as early as January, 1991. Closing date for applications is Dec. 8. Applicants are invited to submit a letter of application and a resume to: Professor Christopher K. McKenna, chairman, Public Affairs Search Committee, Penn State Harrisburg, Middletown, Pa. 17057.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304. Applications for these staff vacancies will be accepted until Nov. 15. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff

vacancies are considered in accordance with Fair Employment practices (FEPS) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age as provided by law, sex or status as a disabled or Vietnam era veteran.

*0109. Food and Beverage Service Supervisor, Nittany Lion Inn, University Park Campus - Responsible

to the assistant manager, Food and Beverage, for the operation of the main dining room and special food and beverage service operations, and for the selection, training and supervision of food and beverage service personnel to ensure efficient and high quality service. Requires associate degree or equivalent, in food service or related field plus over two up to and including three years of effective experience in supervision of personnel in a similar food service operation. STAFF GRADE 6.

*0110. Intake Specialist, Student Services, Center for Counseling and Psychological Services, University Park Campus - Responsible to the director Counseling and Psychological Services for intake interviewing and evaluation of students with psychological concerns. Requires master's degree or equivalent in clinical or counseling psychology or social work, plus one to two years of effective experience, or bachelor's degree

in nursing with psychiatric specialty including current licensure and two to four years of effective experience. Experience in a hospital or university student clinic desirable. STAFF GRADE 7.

*0111. Area Representative, Continuing Education, Penn State Harrisburg - Assist in establishing program goals and objectives, assume administrative responsibility as assigned for planning, scheduling, staffing, conducting evening school class operations, workshops, conferences and contracting services with clientele. Develop an efficient and effective marketing plan for programs to be administered; assist in the identification and analysis of educational needs of individuals, groups or institutions; maintain contacts with the colleges of the University and process necessary forms. Plan and conduct student registrations. Requires bachelor's degree or equivalent

plus two to three years of effective experience in business, industry or education. STAFF GRADE 7.

Hershey

For the following position vacancies, apply directly to The Milton S. Hershey Medical Center. Attach resume with cover letter indicating the position vacancy code and forward to the Department of Human Resources, Hershey, or call the Hershey bid line at (717) 531-8531 by Nov. 15.

*14684. Administrative Head Nurse, Department of Nursing Services, Hershey - Responsible to nursing manager, main operating room complex for implementation of the operating room schedule and coordination of activities. Also responsible for non-professional FTEs. Bachelor of science

degree in nursing from an accredited school of nursing plus one to two years of effective experience and currently licensed to practice as a registered nurse by the Pennsylvania State Board of Nursing.

*14657. Administrative Head Nurse, Department of Nursing Services.

Hershey - Responsible to nursing manager, Ambulatory Operating Room, for implementation of the operating room schedule and coordination of activities with physicians and other departments involved with the care of the surgical patient. Bachelor of science degree in nursing from an accredited school of nursing plus one to two years of effective experience and currently licensed to practice as a registered nurse by the Pennsylvania State Board of Nursing. Operating room and medical-surgical experience required.

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William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

November 8, 1990
Vol. 20, No. 12

FROST ENTOMOLOGICAL MUSEUM

Photos of the 'bug' museum at
University Park are on page 4.

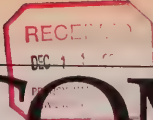
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INTERCOM



November 15, 1990

Volume 20, Number 13

Susan Welch is appointed dean of Liberal Arts

Susan Welch, the Carl A. Hoppold Professor in the Department of Political Science at the University of Nebraska, has been named dean of the College of the Liberal Arts.

Her appointment, effective July 1, 1991, was approved by the Board of Trustees at its meeting Nov. 9 at University Park.

"Dr. Welch is an outstanding choice for the deanship," President Thomas said. "She brings not only an outstanding record in research, teaching and administration, but also the ability to direct the College of the Liberal Arts into the future."

Dr. Welch has authored or co-authored 10 books and monographs, including *A Dream Deferred: Black Attitudes on Race and Inequality* (University of Cambridge Press, forthcoming in 1991) and *Urban Reform and*

Its Consequences: A Study in Representation in 1988 (University of Chicago Press).

She has published extensively in numerous scholarly journals such as *American Political Science Review*, *Journal of Politics* and *American Journal of Political Science*. Her articles, which exceed 120, focus on a variety of topics, including women and minorities in politics and government.

She has received several grants from the National Science Foundation and other federal agencies.

Other accomplishments include serving as editor of *American Politics Quarterly* and on the editorial boards of eight publications, including *American Political Science Review*, *National Political Science Review*, *American Journal of Political Science*, *Social Science Quarterly* and *Women and Politics*.

Among her numerous professional achievements, she also has been active in the American Political Association, serving in many executive positions.

Dr. Welch joined the University of Nebraska in 1970 as an assistant professor of political science, was named associate professor in 1973 and became a professor in 1977. Among her many university activities, she was the chair of the Department of Political Science from 1977 to 1985 and currently is chair of the Chancellor's Commission on the Status of Women.

Her degrees are an A.B. in history (1963), M.A. in political science (1966) and a Ph.D. in political science (1970), all from University of Illinois at Urbana-Champaign.



Susan Welch



Playground dedicated

President Thomas helps a youngster off a slide following dedication ceremonies Nov. 9 for the new **Edna Peterson Bennett and C. Eugene Bennett Playground**, located adjacent to **Henderson Building South** at University Park. Construction of the playground, part of the **Child Development Laboratory** in the College of Health and Human Development, was made possible by a \$100,000 gift from the **Bennetts of Wilmington, Del.** Edna Bennett earned a degree in home economics with an emphasis in child development from Penn State, where she met her husband, who was a graduate student in chemistry. (Photo: Greg Grieco)

Report indicates retention rate gap has been narrowed

Penn State has narrowed the gap in one-year retention rates between White and African American/Black American students, the Board of Trustees has learned.

"The University has provided a considerable array of support to those students who need assistance," Jerry Covert, associate dean for undergraduate education and chair of the President's Council on Undergraduate Recruitment and Retention, said.

"It has been an important goal to increase retention rates of all students and eliminate the retention rate differences between White, African-American and Hispanic undergraduate students through support programs such as counseling, advising, tutoring, special courses and special course sequencing."

Of 309 African-American freshmen from fall 1989 about 81 percent, or 249, have remained in a degree program. This compares to 85 percent retention rate for fall 1989 White freshmen, or 6,883 out of 8,135 students.

There is a difference of only 4 percentage points between White and Black freshmen who stayed after one year, a decrease from 0 to 7 percentage points of previous years," Dr. Covert noted.

The one-year retention rate for fall 1989 Hispanic freshmen is 74 percent, or 121 students out of 163.

The two-year retention rate for fall 1988

Please see "Retention" on page 5.

Focus on Diversity

Advisory committee to focus on internationalizing curriculum

An International Resources Advisory Committee has been appointed by **C. Gregory Knight**, vice provost and dean for undergraduate education, and **W. LaMar Kopp**, deputy vice president for international programs.

The committee will focus on internationalizing Penn State's undergraduate curriculum and will serve as a resource base for curricular enhancement and for the global perspectives component of the cultural diversity requirement. The committee also will assess the potential for an interdisciplinary International Studies Program at the undergraduate level.

The range of expertise of the Committee members assures comprehensive and enthusiastic support for expanding international concerns in the undergraduate curriculum," Dr. Knight said. "The role of the committee will evolve over time to meet the curricular challenges afforded Penn State by increasing global educational, political, and economic interdependence."

"In this global age, we cannot afford to be ignorant of the rest of the world," Dr. Kopp added. "Students need to be aware of the influence on their everyday lives of other cultures and countries. It is the committee's challenge to provide a resource for developing the cultural diversity requirement and an international studies component in the undergraduate curriculum."

Max King, coordinator of academically superior student recruitment and selection officer, University Scholars Program, will chair the Committee.

Members include **Micela Amateau**, assistant professor of art; **Paul Axt**, professor of mathematics; **John D. Burke**, associate provost/senior associate dean,

Penn State Erie. The Behrend College; **Charles Cantalupo**, associate professor of English, Penn State Schuylkill Campus; **Arlen Etling**, assistant professor of agricultural and extension education; **Diane L. Garner**, head of documents and maps, Pattee Library; **George Heitmann**, professor of management science and director of international programs, Smeal College of Business Administration.

Glenda Laws, assistant professor of geography; **Michael M. Nayan**, associate professor of Slavic languages; **Joseph Prewitt Diaz**, associate professor of education and bilingual program specialist; **Scott Reed**, Undergraduate Student Government; **Robert A. Walker**, senior research associate, Science, Technology, and Society Program; **Vernis M. Welmon**, assistant to the dean for minority relations and international programs, Smeal College of Business Administration; **Vasundara V. Varadan**, distinguished alumni professor of engineering science and electrical engineering, and **Lucy C. Yu**, associate professor of health policy and administration.

Jerry B. Gower, associate dean for undergraduate education, and **Tannaz Rahman**, associate director of international programs, will serve as resources to the Committee. **Patricia A. Ellenberger**, Undergraduate Education, will serve as staff support.

"There is great importance in emphasizing throughout the undergraduate curriculum the multicultural international world," Dr. King said. "The committee's work on internationalizing the curriculum contributes to student and faculty discourse on diversity issues."

Contributors to the volumes include several University faculty members: **Clifford C. Clogg**, professor of sociology and statistics; **Paul A. Games**, professor of human development; **John R. Nesselrode**, distinguished research professor of human development; **Michael J. Rovine**, assistant professor of human development.

William F. Walsh and **Edwin J. Donovan**, assistant professors of administration of justice, are the authors of *The Supervision of Police Personnel: A Performance Based Approach*, published by Kendall/Hunt.

The authors cite the increased emphasis on professional, research and experimentation in law enforcement.

"They note that future police supervisors will receive comprehensive training that reflects the changing nature of their role as human resource managers and community crime prevention specialists. This training will prepare them to be facilitators, problem preventers and problem solvers.



Faculty art exhibit

Richard Mayhew, minority artist-in-residence in the School of Visual Arts, lectures to minority students about art at the Zoller Gallery prior to the opening of the annual faculty exhibition. The exhibition runs through Dec. 7. (Photo: Greg Grieco)

Bookshelf

Eugene N. Borza, professor of ancient history, is the author of *In the Shadow of Olympus: The Emergence of Macedonia*, published by Princeton University Press.

Dr. Borza's work traces the ancient Macedonian kingdom from its origins as a Balkan backwater to its status as a major European and Asian power.

Drawing heavily on new archaeological discoveries and his own research in historical geography, he suggests that the Macedonians, while heavily influenced by the Greek city-states, maintained their own ethnicity as a Balkan people, and may have developed Europe's earliest national state.

Stephen J. Cimbala, professor of political science at the Penn State Delaware County Campus, is the author of *First Strike Stability: Deterrence After Containment*, published by Greenwood Press.

Dr. Cimbala notes, "Drastring American

and Soviet force reductions, German reunification and speculation about the realignment of NATO and the Warsaw Pact all cast a shadow of apparent irrelevance over the entire question of nuclear escalation and conventional war in Europe."

He points out, however, that the current realignments of power in Europe do not preclude the possibility of war as a way to settle disputes, disarm opponents or anticipate a perceived aggressor.

Geoffrey Godbey, professor of leisure studies in the College of Health and Human Development, is the author of *Leisure in Your Life: An Exploration*, third edition, published by Venture Publishing Inc., in State College.

The book examines leisure from historical, sociological, and philosophical perspectives. It covers such issues as changes in leisure during the Industrial Revolution, leisure patterns in daily life, and the relationship between leisure and other aspects of life such as health,

education and the economy.

New material covered in the third edition includes tourism, wellness, women's experiences of leisure, and the rise of serious and specialized forms of leisure behavior in society.

The book has become a widely used textbook in introductory courses dealing with the role of leisure in society.

Alexander von Eye, professor of human development, is editor of two volumes in the "Statistical Modeling and Decision Science" book series from Academic Press Inc.

Dr. Von Eye is editor of *Statistical Methods in Longitudinal Research*, volume one (Principles and Structuring Change) and volume two (Time Series and Categorical Longitudinal Data).

The books are designed for researchers, graduate students and upper-level graduate students in a variety of disciplines, including the social sciences, economics, biology and medicine.

From the Trustee Docket

Building plans

The Board of Trustees has approved proposed sketch/preliminary plans for new buildings at two Commonwealth Campuses and final plans for the Pennsylvania Coal Center for Desulfurization Research at University Park.

The proposed sketch/preliminary plans are for an academic building at the Berks Campus and a library at the Schuylkill Campus.

The one-story, 17,100-square-foot academic building will be located west of the library at Berks. It will contain six classrooms, faculty offices and the offices of Counseling, Continuing Education, Finance and the Registrar. The budget for the project is \$2,586,546, including approximately \$300,000 for renovations to the Luerssen Building on campus.

The Schuylkill library will be located adjacent to the existing multi-purpose and classroom buildings on campus. In addition to the library facilities, the 22,600-square-foot building will include a learning center with a computer-assisted writing lab. The budget for the state-funded three-story building is \$2.6 million, \$1 million of which was raised locally.

The Pennsylvania Coal Center for Desulfurization Research at University Park will be used for state-funded research on ways to eliminate sulfur by-products created from the use of Pennsylvania coal.

The 20,675-square-foot building will be located between and connected to the existing Academic Activities and Academic Projects Buildings on Bigler Road. It will have two two-story sections connected by an area of offices forming a second-story link between them. The budget for the state-funded project is \$3.46 million.

In other action, Trustees named Ewing, Cole, Cherry, Parsky of Philadelphia to design a proposed multi-level parking



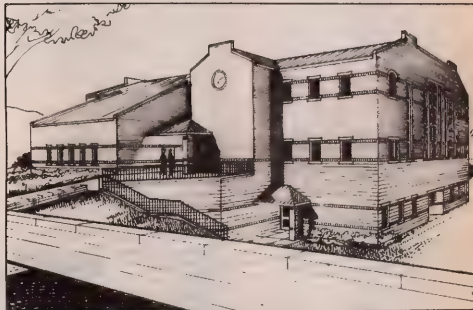
Artist's illustration of new academic building at Berks Campus

garage at University Park.

The parking garage, which is planned to accommodate 800 vehicles, will be built east of Eisenhower Auditorium on a portion of the existing parking lot. The garage will add significantly to available faculty/staff parking within inner campus as well as support theater arts events in Eisenhower Auditorium.

The building will most likely have a brick facade to make it compatible with other surrounding buildings. Construction is scheduled to begin next summer with occupancy slated for late summer 1992.

The new garage is part of a five-year University parking development plan prepared by the University Parking Committee consisting of faculty, staff and student representation. The new structures are funded by faculty/staff parking registration fees. The first parking structure funded from the parking registration fee was the Keller Terrace.



Sketch of new library at Schuylkill Campus

Name changes

The Board of Trustees has approved a program transfer and name changes for two departments.

The Science, Technology and Society Program will move from the Office of Undergraduate Education to the College of Engineering. The transfer will not affect the interdisciplinary character of the program and is expected to enhance graduate education and research.

In the College of Agriculture, the Department of Agricultural Engineering will now be known as the Department of Agricultural and Biological Engineering. This change reflects more accurately the scope of department programs in instruction and research.

In the College of Medicine at The Milton S. Hershey Medical Center, the Department of Anatomy will be called the Department of Neuroscience and Anatomy. The new name encourages an integrative curriculum for the study of the anatomical sciences and the neurosciences.

Trustees earlier reviewed the creation of two new graduate programs, a doctoral

degree in biobehavioral health and a master's degree in hotel, restaurant and institutional management, both in the College of Health and Human Development.

The name of the agricultural mechanization major in the College of Agriculture will change to agricultural systems management and technology.

Trustees also reviewed the elimination of three associate degree majors in the College of Engineering: chemical engineering technology, highway engineering technology and railway engineering technology. All were dropped because of low enrollment.

Financial report

The Board of Trustees has received a report on the University's 1989-90 audited financial statements.

Total assets of the University as of June 30, 1990, were \$2,301 billion, before depreciation," Kenneth S. Babe, corporate controller, said.

Revenue received by the University in

1989-90 was \$1,152 billion. This is a 162 percent increase over the \$439 million received in 1979-80.

State allocations in 1989-90 accounted for 21.5 cents of every dollar, or 21.5 percent of total revenue, Mr. Babe explained. In 1979-80, state allocations were the largest single source of revenue for the University, accounting for nearly 30.0 cents of every dollar.

Tuition and fees are now the largest single source of revenue. They accounted for 20.1 percent of total income in 1989-90. In 1979-80, these accounted for 21.8 percent of total revenues.

The annual independent audit was performed by Deloitte and Touche. In addition, Mr. Babe said, the University's own internal auditing staff prepared 34 separate reports for the 1989-90 fiscal year.

Carpooler

Rita is looking for one rider to carpool from Philipsburg to University Park; work hours are 8 a.m. to 5 p.m. Call 863-0302.

Obituaries

J. Stanley Hummer, retired Columbia County agricultural agent, died Oct. 17. He was 84.

A member of the Penn State Cooperative Extension staff for 38 years, he retired June 30, 1967. He joined the Columbia County extension service in 1929 following graduation from Penn State with a bachelor of science degree in dairy husbandry. From 1934-43, he worked in both Columbia and Luzerne counties. He was promoted to county agent in 1955.

He pioneered the establishment of conservation practices on Columbia farms and initiated farm radio news coverage on two Bloomsburg stations.

Helen S. Stewart, production and stores supervisor, Department of Continuing Education, from Sept. 20, 1928, until her retirement March 1, 1971, died Nov. 1 at the age of 83.

Private Giving to Penn State

Cook gift supports scholarships, teaching, Libraries

A Penn State trustee and his wife have given the University \$500,000 for student and faculty support.

Donald M. and Virginia M. Cook of Cherry Hill, N.J., designated \$300,000 to be evenly divided between a scholarship endowment and a teaching fund, both in the College of Health and Human Development. The Cooks designated the remaining \$200,000 for the Special Collections of the University Libraries. The Cook scholarship will benefit

financially needy students who show academic promise and whose ethnic, cultural or national background contributes to the diversity of the student body.

The teaching endowment will support the college's teaching consultant program, established in 1983 to help faculty improve the quality of instruction.

The gift to the Libraries will be used to acquire manuscripts, correspondence and other materials related to the writings of award-winning novelist Paul West.

Mr. Cook is president of SEMCOR Inc., an engineering services firm based in Mount Laurel, N.J. He previously spent 27 years with the RCA Corp., retiring as president of RCA Service Co., a technical services unit.

He was elected to the Board of Trustees by the alumni in 1985 and was re-elected in 1988 for a second three-year term.

He also is past president of the Penn State Alumni Association, a 1985 Alumni Fellow of the College of Health and Human Development and chair of the

University Libraries development advisory board. He earned a bachelor's degree in recreation and parks and in 1960 received a master's degree in counseling from Penn State. From 1955 to 1960 he served as the University's director of placement services.

Mrs. Cook, a former teacher, earned both bachelor's and master's degrees in education from Penn State. Two of the Cooks' children, Kim Cook Smith and Debra Cook Billings, are Penn State graduates.

Company funds Hungarian health care seminars

Johnson and Johnson, manufacturer of health-care products, has given \$500,000 to fund two seminars on the reorganization and finance of health care in Hungary. This gift comes in the wake of the disintegration of Central European governments that once controlled health care systems for their people.

Marshall W. Raffel, professor of health policy and administration, will lead two six-member American teams of health policy experts to Budapest. The groups will meet with Hungarian government officials and medical professionals to help share their new model for the delivery and financing of health care. They also will provide

advice on how to establish a new system of health insurance and how local health boards can run their reorganized system.

"Johnson and Johnson has taken a forward step in providing the means for us to give assistance to the Hungarians as they move into the western democratic fold," Dr. Raffel said.

He noted that the seminars will include sessions on such topics as capitalizing an insurance program, establishing premium rates, competition in a health insurance system, mechanisms for payment for medical and hospital services, controlling costs and the proliferation of technology, assuring quality care given limited resources

and administering an insurance program. Dr. Raffel said that the Hungarians foresee the development of private health insurance and private hospitals.

"The sessions on the role and administration of local boards of health are vital because Hungarians have no tradition of health being supervised by local boards of health," he said.

Dr. Raffel added that other nations, including the Czech and Slovak Federal Republic (formerly Czechoslovakia), Lithuania, Bulgaria and Romania, also have requested similar consultations from Penn State.

Gift to establish Schiller lectures

Hershey Foods Corp. has committed \$60,000 to establish the William F. Schiller Lecture Series at the Hershey Medical Center.

The series will support lectures by outstanding physicians and others involved in orthopaedic research and education at the College of Medicine.

Mr. Schiller, a former chairman of the board of the Hershey Foods Corp., died earlier this year.

The Hershey Foods Corp. and its subsidiaries manufacture a variety of food products, including chocolate, pasta and confectionery.

Firm provides steel for SST telescope

Carpenter Technology Corp. of Reading has donated \$52,000 in specialty steel for construction of a unique telescope designed by two University astronomers.

The \$8.2 million Spectrographic Survey Telescope (SST) consists of 85 small mirrors arranged in a large, lightweight framework to form one mammoth reflective surface. The Invar 30 steel bar from Carpenter will be used in the mirror support structures.

"We're extremely excited about this project," Adolph Lena, company president and chief operating officer, said. "Carpenter Technology steel was used in the Wright brothers' flight at Kitty Hawk and on several other historic machines and products. We are pleased to be a part of the SST, which is equally revolutionary."

Mr. Lena, who was instrumental in securing the gift, earned a bachelor's degree in metallurgy from Penn State in 1948. He was named an Alumni Fellow of the University in 1982.

The SST, developed in conjunction with astronomers at the University of Texas at Austin, will be devoted exclusively to spectrographic analysis. It will have more than twice the light-gathering power of any current telescope at one-fourth the cost of other new-technology instruments being developed. It is being built at the MacDonald Observatory in west Texas.



Renaissance Fund dinner

More than \$62,000 was raised at the Renaissance Scholarship Fund dinner held Nov. 7 at the Elks Country Club in Boalsburg to honor Trustees vice president and community leader Marian "Mimi" Coppersmith Fredman, shown here with her husband, Samuel G. Fredman. Six Renaissance scholarships will be established in her name to assist financially needy students who show academic promise. Some 430 people attended the event, which raised the third-highest total since the dinners began 14 years ago. (Photo: Greg Grieco)

Gift from alumnus to support building

The School of Hotel, Restaurant and Institutional Management has received a donation of \$50,000 from an alumnus to support the new Mater Building planned for University Park.

Hugh Walsh, senior director of national accounts for Marriott Hotels and Resorts, is a 1960 Penn State graduate in hotel administration. A classroom will be named for Mr. Walsh in the new facility.

"We are delighted to receive this commitment from Hugh," Anne C. Petersen, dean of the College of Health and Human Development, said. "He always has been very supportive of the HRIM program, and a great Penn State promoter."

The proposed 35,000-square-foot building will be adjacent to Keller Building and will house a computer center, technology center, dining room, production and research kitchens, classrooms, a multimedia resource center and administrative and faculty offices.

Construction costs are estimated at \$5.4 million and equipment is estimated to cost more than \$2 million. The University has allocated \$1.5 million for the project, according to Dean Petersen.

Groundbreaking is scheduled for the late spring of 1991.



Penn State People

John Kwiatkowski

John Kwiatkowski joined the University as a teaching assistant in the Department of English and for the last two years has been working wage payroll with the Auxiliary Recreation Department as a groundskeeper at the golf courses. He says he enjoys the variety in his job and takes a lot of pride in what he does. "My supervisor, Rick Bupp, demands a lot of perfection in what we do. I have a streak of perfection in me and I enjoy responding to his challenge." (Photo: Greg Grieco)

Promotions

Senior Research Assistant

Stanley R. Gryczuk

Staff Exempt

Lydia P. Abdullah, to senior budget planning specialist in Office of Budget and Resource Analysis.
Mark Amsler, to supervisor, Dairy Production Research Center in Agriculture.
Evette E. Bazemore, to information systems assistant II in C&IS-Center for Academic Computing.
Stephanie A. Berback, to transportation coordinator at Hershey.
James E. Bowen, to manager, Housing and Food Services, at Penn State Erie, The Behrend College.
Debra F. Brown, to supervisor, bakery production in Housing and Food Services.
Mary Jane Drake, to supervisor, clerical support services in Office of Physical Plant.

Wilma M. Heiser, to supervisor, library services in Applied Research Lab.
Frances A. Hrenko, to transplantation coordinator at Hershey.
Judith J. Kalich, to regional director, development and university relations at McKeesport Campus.
Audrey K. Korman, to administrative assistant in research and Graduate School.
Thomas S. Lawton Jr., to senior associate director, University Health Services, in Student Services.
David J. Lieb, to development officer, Smeal College of Business Administration, in Division of Development and University Relations.
Daniel A. Macaluso, to development officer, Eberly College of Science, in Division of Development and University Relations.
Pamela K. Miller, to infectious disease program coordinator at Hershey.
Tracy B. Nichols, to database development analyst at Hershey.
Sandra J. O'Brien, to staff development instructor at Hershey.

Retention

Continued from page 1.

Black freshmen is 58 percent and, for fall 1988 Hispanic freshmen, 67 percent. This is compared to 71 percent for White freshmen entering the same year.

"Within five years, the graduation rate for White fall 1984 freshmen and for fall 1985 freshmen remained stable at 57 percent per year," Dr. Covert said. "The graduation rate for African-American students rose 11 percentage points, from 28 percent for fall 1984 freshmen to 39 percent for fall 1985 freshmen."

The changes in the African-American rates can be partly attributed to students who transfer to another college or university, he added.

"Penn State helps many Black students to start on the road toward achieving a four-year degree. The critical result for society is that these young people obtain an education."

Dr. Covert analyzed data on African-American and Hispanic students who entered the University between 1984 and 1987. His study involved African-American and Hispanic students who left Penn State and who were state PHEAA grant recipients. About 29 percent of that group went on to complete their education at another institution, or 228 out of 797. "Sixty percent of the total group were enrolled at Commonwealth Campuses, where only the first two years are offered," he said. "Therefore, I suspect that Penn State is educating many more African-American and Hispanic students than we get credit for. But they transfer in their junior year to other colleges and universities that may be located physically closer to their homes and that offer the last two academic years such as Temple University."

"We will continue to work through various retention efforts to improve the retention rates of all students."

Biologist to give Russell Marker Lectures Nov. 19-21

John Maynard Smith, professor emeritus of biology at the University of Sussex School of Biological Sciences, will present the first Russell Marker Lectures in Evolutionary Biology Nov. 19-21 at University Park.

The series of four lectures, titled "Problems in Evolution Theory," is sponsored by the Eberly College of Science and is open to the public free of charge.

The lecture schedule is: "The Major Transitions in Evolution," 8 p.m. Monday, Nov. 19, Schwab Auditorium; "The Evolution of Sex," 11:15 a.m. Tuesday, Nov. 20, 402.03 Keller Conference Center; "The Evolution of Bacteria: Does Sex Matter?" 8 p.m. Tuesday, Nov. 20, 117 Osmond Laboratory; and "Further Problems in Biological Evolution," 11:15 a.m. Wednesday, Nov. 21, 5-5 Osmond Laboratory.

A Fellow of the Royal Society, Professor

Maynard Smith also is a foreign member of the American Academy of Arts and Sciences, the U.S. National Academy of Sciences, and the American Philosophical Society.

He was honored with the Darwin Medal in 1986, and since 1983 he has received honorary degrees from the University of Kent, Oxford University, the University of Chicago, and the University of Sussex.

Since 1958, he has published 11 books, including *Mullerian's Ideas in Biology: The Problems of Biology: Sex, Games and Evolution*, and *Evolutionary Genetics*.

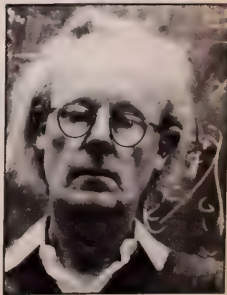
After earning a bachelor's degree in engineering from the University of Cambridge in 1941, Professor Maynard Smith worked as an aircraft engineer for seven years. He went on to earn a bachelor's degree in zoology from the University College, London, where he later

was employed as a lecturer and a reader.

In 1965, he joined the University of Sussex faculty as a professor of biology and was appointed the first dean of the university's School of Biological Sciences, a position he held until 1972. He was named professor emeritus in 1985.

The Marker Lectures series was established in 1984 through a gift from Russell Marker, professor emeritus of chemistry, whose pioneering synthetic methods revolutionized the steroid hormone industry and opened the door to the current era of hormone therapies, including the birth control pill.

The Marker endowment also allows the Eberly College of Science to present annual Marker Lectures in astronomy, the chemical sciences, genetic engineering, the mathematical sciences, and the physical sciences.



John Maynard Smith

Focus on the arts

Casting discussion

Actors from New York's Negro Ensemble Company, which is in a week-long residency at University Park, will discuss the controversial non-traditional casting of minorities and non-minorities in movies and plays at 7:30 tonight in the Pollock Cultural Lounge at University Park.

Featured author

The Penn State BookStore on campus will host author playwright J.T. Elias from noon to 2 p.m. Friday, Nov. 16.

Mr. Elias will sign and discuss his new novel *The Sho Nink*. The story is set in a small town and the story line is interwoven with suspense and romance.

A 20-percent discount is being offered on *The Sho Nink* during the book signing.

The arts on Channel 3

A revered Oliver-like actor reviews his life and work in "Sir Norbert Smith: A Life," a delicious send-up of the respectful British TV biography airing at 9 p.m. Friday, Nov. 16, on *Great Performances* on WPSX-TV.

Cult comedian Harry Enfield, 29, known to British viewers for his popular alter egos Stavros and Loodsamoney, portrays the 80-year-old thespian and all the characters he's ever played.

Harry Connick Jr. brings his standing-room-only, cross-country concert "Harry Connick Jr. and His Orchestra: Swinging Out With Harry" to *Great Performances* at 9 p.m. Friday, Nov. 23. The telecast, featuring the phenomenal 23-year-old pianist/singer with his newly formed 16-piece orchestra, promises the same night he opens on Broadway.

Palmer exhibit

An exhibition of work by Penn State alumna Florence Putterman will be on display from Nov. 18 through Jan. 13, 1991, at the Palmer Museum of Art at University Park.

"Florence Putterman: A Twenty-Year Survey, 1970-1990" includes paintings, prints and sculpture by the 1973 graduate of Penn State. The exhibition focuses on Ms. Putterman's interest in symbols and how they have influenced the development of her art over the past 20 years.



The International Holiday Artifact Sale begins Nov. 19 in Kern lobby. See the story on this page.

"My symbols and signs must be universal representations of specific places, actual things, genuine human experiences and emotions, and historic and prehistoric monuments and markings," she said.

Ms. Putterman will be on campus Dec. 5 to discuss her work. For more information, contact the museum at (814) 865-7672.

Holiday artifact sale

The 17th Annual International Holiday Artifact Sale will be held Nov. 19 to Dec. 7 from 9 a.m. to 4 p.m. in the lobby of Kern Graduate Commons at University Park.

"This is the largest sale we've ever handled," said Nancy Jordan, co-coordinator for the event since it began. "The nicest, most interesting artifacts I've ever seen will be here."

The holiday sale features 350 different original handmade crafts such as different brass items, jewelry, children's toys and baskets, representing the work of artisans from various developing regions of the world.

Countries represented include Bangladesh, Bolivia, Chile, Ecuador, El Salvador, Guatemala, Haiti, India, Kenya, Korea, Mexico, Nepal, Peru, Philippines, Sri

Lanka, Taiwan and Thailand.

The event is sponsored by the Kern Graduate Commons in conjunction with a non-profit program called SERRV. The program's purpose is to promote the social and economic progress of developing regions of the world by purchasing and marketing their handicrafts. It is administered by the Church of the Brethren General Board in Elgin, Ill.

New musical review

A new musical revue titled "At the Movies" will be performed by the Opera Workshop at 8 p.m. Sunday, Nov. 18, in the Recital Hall of the School of Music at University Park.

The program consists of the great show tunes from MGM musicals from the 1930s through the 1950s and an original storyline about the life and times of the staff of a failing classic movie house in southern California. Featured songs include, "Hooray for Hollywood," "Lullaby of Broadway" and "Varsity Drag."

The performance is free and open to the public.

Pennsylvania Quintet

The Pennsylvania Quintet, Penn State's wind faculty chamber ensemble, will perform in concert at 8 p.m. Monday, Nov. 19, in the Recital Hall of the School of Music at University Park.

The program will include "Kleine Kammermusik" by Paul Hindemith and Quintet, Op. 95 by Joseph Bohuslav Forster. Also on the program are works by J. Guy Ropartz and Malcolm Arnold.

The members of the quintet, all faculty members of the School of Music, include, Eleanor Duncan Armstrong (flute), Barry Kroeker (oboe), Smith Toulson (clarinet),

Lisa J. Bontrager (horn) and Daryl Durrant (bassoon).

Odyssey on WPSU

Ukrainian poet Lina Kostenko and her translator, Michael Naidan, associate professor of Slavic languages, join host Leonard Rubinstein on the next episode of "Odyssey Through Literature."

"A lot of people from the Ukraine say that the language is songlike, sweet to the ear, melodious," Ms. Kostenko says. "But I write in a different language. I write in that Ukrainian language which has a dramatic quality, which contains the entire essence of the soul."

Writing, says poet, novelist, and essayist David Slavitt is "playing all the games on the midway."

On the Nov. 28 episode of "Odyssey Through Literature," he and host Leonard Rubinstein discuss the differences between genres of writing and debate the trying question of whether or not the writing can be taught.

"I've now published something like 47 or 48 books," he says, "so it's not a big deal any more for me to think, Oh, gee, I could write a book. The question now is, Why should I bother?"

"Odyssey Through Literature" is produced by the Department of Comparative Literature, with audio-production services by WPSX-TV. It airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Jazz concert

Five different jazz groups from the jazz program in the School of Music will perform in concert at 8 p.m. Monday, Nov. 26, in the Recital Hall of the Music Building at University Park.

Four small student ensembles will make up the majority of the program, performing jazz standards and featuring a variety of soloists. The fifth group to perform will be the Jeff Kunkle Trio.

Art history lecture

Peg Weiss, research associate professor at Syracuse University, will give a lecture titled "Kandinsky as Ethnographer and Shaman" at 8 p.m. Tuesday, Nov. 27, in Room 112 Walker Building at University Park.

The lecture is part of the "Art of Interpreting" series sponsored by the Department of Art History and the Institute for the Arts and Humanistic Studies at Penn State.

Dr. Weiss received her doctorate from Syracuse University. She has served as chief curator of the Everson Museum of Art in Syracuse, and guest curator at the Guggenheim Museum in New York City.

Flute ensemble

The Penn State Flute Ensemble will perform in concert at 12:10 p.m. Thursday.

Please see 'Arts' on page 11.

The arts at...

Hazleton Campus

Nine paintings of artist Shoro Nagano are on display in the library at the Penn State Hazleton Campus through Dec. 12.

The exhibit features Mr. Nagano's acrylic works on shaped canvases. In these canvases, he synthesizes the classic and the contemporary in finely wrought acrylics that emerge from that mythic dimension that is home to us all.

Altoona Campus

The University Resident Theatre Company will perform William Shakespeare's *The Merchant of Venice* at the Penn State Altoona Campus on Tuesday, Nov. 20.

The performance begins at 7:30 p.m. in the Paul R. and Margery Wolf Kuhn Theatre in the Community Arts Center.

University Park Calendar

November 15- November 25

Special Events

Thursday, November 15

Bloodmobile, 9 a.m.-3 p.m. 101 Kern, 11 a.m.-5 p.m., HUB Ballroom.

Women's Studies, 10:30 a.m., Eisenhower Aud. Negro Ensemble Co.: "WE Plays."

Dept. of Architecture, Brown Bag Lunch/Lecture 12:10-1 p.m., Palmer Museum of Art. Conceptions of the Museum's New Wing by Students of the Department of Architecture.

Bach's Lunch, 12:10 p.m., Eisenhower Chapel.

Penn State Mallet Ensemble.

NASPA teleconference, 2-4 p.m., 112 Kern.

"Effective Approaches to Campus Security," Lecture, 7 p.m., S-209 Henderson. Howard Kratt, Clampton Int'l. Corp., on "Promoting Wellness at the Workplace: How Does it Affect a Company's Bottom Line?"

■ Discussion with Negro Ensemble Co. actors, 7:30 p.m., Pollock Cultural Lounge.

■ Dept. of Slavic Languages, School of Communications, 7:30 p.m., 110 Wartik Lab. Evgenia Alibab, Soviet journalist, on "Soviet Journalism before and after Glasnost."

■ Gallery talk, 8 p.m., Palmer Museum of Art. Kahren J. Arblman on "Pen, Ink and Genius: The Drawings of Rembrandt and Rubens."

School of Music, 8 p.m., Recital Hall. Skip Gray, tuba.

■ Spanish, lecture, 8 p.m., 101 Kern. John Dagenas, Northwestern Univ., on "Reading as Supplement in Ramon Llull's *Book of Contemplation*."

Friday, November 16
Commission for Women meeting, 10 a.m.-noon, 101 Kern.

■ Geog. Coffee Hour, 4 p.m., 319 Walker. Wilbur Zelensky on "The Twining of the World: Sister Cities in Historical and Geographic Perspective."

Shaver's Creek, Adventure Series: Animals in Winter (Grades 2-4), 6:30 p.m.: 10:30 a.m. Also Nov. 17. Call 863-2000.

Center for the Performing Arts, 8 p.m., Eisenhower Aud. Negro Ensemble Co.

URTC, 8 p.m., Pavilion Theatre. "Butterflies Angel," through Dec. 1.

Sunday, November 18
Shaver's Creek, Adventures of the Monarch Butterfly, 2-3 p.m., Call 863-2000.

■ Carnegie Hall Film Series, 7 p.m., *Orpheus* (1949); 8:45 p.m., *Clouseau* (1976), 203 Willard Free.

School of Music, 8 p.m., Recital Hall. Opera workshop.

Monday, November 19
Comp. Lit. Luncheon, 2:15-2:30 p.m., 101 Kern. Christiane Makward on "Helene Cixous and the Myth of Feminine Writing."

School of Music, 8 p.m., Recital Hall. Pennsylvania Quintet.



The musical 'Sarafina!' will be presented Nov. 27 in Eisenhower Auditorium.

■ German Dept., film, 8 p.m., 111 Wartik. *Film des dritten Reiches* (1941).

Tuesday, November 20

■ Dept. of German, lecture, 8 p.m., 124 Sparks. Dr. Peter Hasbueck on "Weil Die Farce Soeben Von vorne Beginn..."

Thursday, November 22

Thanksgiving Holiday—no classes through Nov. 25.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m.

"Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubinstein.

Conferences

Continuing Education

Keller Building

Nov. 19-20. Coal Cooperative Research Program. Alan Davis, chair; Jack Sinclair, coordinator.

Seminars

Thursday, November 15

Polymer Science, 9 a.m., 301 Steidle Dr. Robert Kumpf Mobay on "A Novel Route to Aromatic Polyether Block Copolymers"

■ International Lecture Series, 2:30-4 p.m., 222

Boucker, Ruth Leventhal on "The Status of Women in Russia Today."

Physics Colloquium, 3:30 p.m., S5 Osmond Lab. Michael Turner, Univ. of Chicago, on "Formation of the Structure in the Universe."

■ Graduate Program in Ecology, 3:45 p.m., 110 Wartik Dr. Melanie Stansky, American Museum of Natural History, on "Fishes of the Highlands of Madagascar: A Study of an Endangered Fauna."

Computer Science, 4 p.m., 325 Whitmore Lab. Stavros A. Zenios, Univ. of Pa., on "Massively Parallel Network Optimization with a Financial Application."

Classical Rhetoric lecture, 4:30 p.m., 111 Chambers. John Poulakis, Pitt, on "Towards a Rhetoric of Possibility."

Monday, November 19

Astronomy/Astrophysics, 11 a.m., S-5 Osmond Lab. Dr. Carolyn Porco, Univ. of Arizona, on "An Explanation for Neptune's Ring Arcs."

■ Australia-New Zealand Studies Center, 3:45 p.m., Eisenhower Chapel Memorial Lounge. Jeff Doyle, Australian Defense Academy, on "Disemembering the Anzac Legend: Australian Popular Culture Representations of the Vietnam War."

Entomology, 3:45 p.m., 204 Patterson. Michael Foster on "Moths, Molds, Microbes and Matrices: Gypsy Moth-NPV-LEF Chemistry Models."

EPF, 4 p.m., 339 Davey Lab. Dr. Marcello Gleiser, ITP, Santa Barbara, on "Metastability in the Early Universe."

Tuesday, November 20

Chemical Engineering, 2:45 p.m., Paul Robeson Aud. James B. Anderson on "Monte Carlo Simulation of Chemical Reaction Systems."

Geosciences, 1:45 p.m., 301 Steidle. Ken Sakake Michigan Univ. on "Tsunami Generation and Propagation."

■ Graduate Program in Nutrition, 4 p.m., S-209

Henderson Nurge W. Jerome USAID, on "Nutrition and Development Programs at USAID."

Condensed Matter Physics, 4 p.m., AM Davey Lab. Dr. Michael Drake, Exxon, on "Porous Vycor Glass: The Role of Structure in Determining the Dynamics of Confined Molecules."

Graduate Program in Acoustics, 4 p.m., ARL Classroom III. Allan D. Pierce on "Structural Intensity in Shells."

■ Computer Science, 4 p.m., 325 Whitmore Lab. Kresimir Veselic, Fern Universitat Gesamthochschule on "The Relative Accuracy of the Eigenvalues"

Exhibits

Chambers Gallery

Undergraduate Prints and Books, through Nov. 30

HUB Galleries

Browsing Gallery:

Rosemary Geesek, through Dec. 1

Art Alley Panels/Cases:

Seminar for the Professional Development of Visual Artists, through Dec. 1.

Formal Gallery:

■ Jack Delano, Contrasts, 40 Years of Change and Continuity in Puerto Rico, through Dec. 2.

Palmer Museum of Art

■ The Save River: A New History, through Dec. 21.

Pattee Library

Rare Books Room:

■ Body and Mind in the Middle Ages and the Renaissance, through Nov. 21.

■ Biodiversity: How to Tell the Birds from the Flowers, through Nov. 21.

Christmas Materials from the Allison-Shelley Collection, Nov. 21-Jan. 1.

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories.

Other messages are listed in the front of the telephone directories. Other messages are Weather-214, Arts Line-345, University Calendar-456.

■ Reflects an international perspective

Carpooler

A carpool from Phillipsburg to University Park needs a fourth participant. Hours are 7:45 a.m. to 4:45 p.m. Call Linda at 865-0436 or Valerie at 865-2165.

counselors, and four-year college admissions counselors.

The research also generated a number of recommendations which could strengthen the relationship between the professionals involved in the college admissions process and assist students and their families in the college decision-making process.

Bookshelf

Scott F. Healy, director of undergraduate admissions; John O'Reilly, Mark Lafer, Mark Meckstroth and Katie Lane of the Undergraduate Admissions staff, and Katie Scalise, counselor at the State College Area High School, are authors of a monograph in a series on Admissions Practices. Extensive research for the study on

school/college articulation, which was commissioned by the College Board, was conducted with counseling professionals from throughout the nation.

The monograph offers a description of the state of articulation between and among high school guidance counselors, community college admissions and transfer

News in Brief

Robert Tauber, associate professor of education, Penn State Erie, The Behrend College, conducted a season on "Montessori Education," and **Carl**

Kallgren, assistant professor of psychology at Penn State Behrend, presented a lecture on "Social Psychological Wisdom: Lessons for Speech Therapy in the 21st Century" at Nagoya Bank Gakuen in Japan.

C. Dale Therrien, associate professor of biology and plant pathology, presented a lecture titled "Genetic and Plasmid Variation in the Potato Late Blight Fungus, *Phytophthora infestans*" at the Potato Research Institute in Warsaw, Poland, and at the German Democratic Republic Academy of Sciences' Potato Research Institute, Rostock.

Sidney E. Barnard, professor of food science, and **Rodney A. Smeltz**, senior research technologist in food science, presented papers at the 77th annual meeting of the International Association of Milk, Food and Environmental Sanitarians Inc., in Arlington Heights, Ill.

Cengiz Camci, assistant professor of aerospace engineering, presented a paper titled "Effect of Incidence on Wall Heating Rates and Aerodynamics of Film Cooled Turbine Blades" at the 35th International Gas Turbine Aero Engine Conference and Exhibition in Brussels, Belgium.

Michael De Rosa, associate professor of chemistry at the Penn State Delaware

County Campus, has received a \$140,000 grant from the National Science Foundation for studies on the mechanism of electrophilic aromatic substitution.

Gennady Gildenblat, associate professor of electrical engineering, presented an invited paper, "Device Applications of Homoeopitall and Polycrystalline Diamond Films," at the 1990 International Conference on Electronic Materials in Newark, N.J.

Harold R. Jacobs, professor and head of mechanical engineering, presented a paper, "An Experimental Study of Mass Transfer on Packed Beds as an Analog to Convective Heat Transfer," at the 9th International Heat Transfer Conference in Jerusalem.

Budagur Lakshminarayana, Evan Pugh professor of aerospace engineering, presented a paper titled "Prediction of Cascade Performance Using an Incompressible Navier Stokes Technique" at the 35th International Gas Turbine Aero Engine Conference and Exhibition in Brussels, Belgium.

R. Thomas Leskovic, assistant professor of engineering at Penn State Beaver Campus, has been appointed a member of the Application of Surge Protector Devices Subcommittee of the Institute of Electrical and Electronics Engineers (IEEE) Surge Protective Devices Committee.

John A. Lucas, professor of exercise and sport science, made a presentation titled "A History of the U.S. Olympic Committee 1894-1990" at the Asian Games Scientific Congress in Beijing.

Mary S. Mander, associate professor of communications, presented a paper, "Subjectivity, Representation, and the Public Sphere," at the International Institute of Communications in Dublin, Ireland. She also presented a paper on U.S. network news coverage of the Vietnam War from August through December 1968 at the International Association of Mass Communications Research conference in Bled, Yugoslavia.

Michael Modest, professor of mechanical engineering, presented "Laser Processing of Materials - The Present and the Future" and "Single and Multiple Plan Cutting of Ceramics with a Moving CW Laser" at the 22nd Symposium of the International Centre for Heat and Mass Transfer in Dubrovnik, Yugoslavia.

Richard R. Partek, professor of geology, presented an invited paper titled "The Canadian-U.S. Ecosystem Approach to Pollution Control in the Great Lakes" at the first U.S.S.R./U.S.A. Joint Conference on Environmental Hydrology and Hydrogeology in Leningrad, U.S.S.R.

John H. Pazur, professor of biochemistry in the Department of Molecular and Cell Biology, gave a

series of lectures on the preparation and synthesis mechanisms of anti-carbohydrate antibodies and on the relationships of the anti-carbohydrate antibodies to immune deficiency diseases at Chengdu University of Science and Technology, Chengdu, China.

Allan Pierce, holder of the Leonard Chair in Acoustics and professor of acoustics and mechanical engineering, has been elected to the Executive Council of the Acoustical Society of America.

Virendra Puri, associate professor of agricultural engineering, presented papers titled "Finite Element Model for Predicting Static and Thermally Induced Loads in Bulk Solids Storage" and "Elastoplastic and Elastic/viscoplastic Constitutive Models for Grain En Masse" at the CHISA '90 conference in Prague, Czechoslovakia.

Fred W. Vondracek, professor of human development, presented a paper titled "Decision Status and Work Value Orientation in American and Japanese Students" at the International Congress of Applied Psychology in Kyoto, Japan. He also presented "Dealing with Normative and Non-Normative Influences on Career Development: Career Counseling as Human Development Intervention" in Montreal at the World Congress of the International Association for Education and Vocational Guidance.

Penn Staters

Interest schedule

Because of the Thanksgiving holiday, there will be no *Penn State Edition* on Thursday, Nov. 22. The next issue of *Intim* will be published Thursday, Nov. 29.

New telephone numbers

The new telephone numbers for the Department of German main office are 865-5381 and 865-5482.

Other Department numbers are: Ernst Schurer, 865-0131; Manfred Keune, 863-7482; Barton Browning, 863-7483; Vickie Ziegler, 863-7484; Gerhard Strasser, 863-7485; Ernst Ebbinghaus, 863-7486; Rio Preiner, 863-7487; C. Jane Rice, 863-7488; Stanley Townsend, 864-7489; Graduate Assistants, 863-1155.

Office move

The Alumni Records Office has moved from 12 Old Main to 102 Waring Hall on a temporary basis because of building renovations. There is no change in the telephone number.

Seminar speaker

Jeff Doyle of the Department of English at the Australian Defense Force Academy in Canberra, Australia, will present "Disemembering the Anzac Legend: Australian Popular Culture Representations of the Vietnam War" at 3:45 p.m. Monday, Nov. 19, in Eisenhower Chapel Memorial Lounge at University Park.

The seminar is sponsored by the Australia-New Zealand Studies Center.

Professional women

Two personnel representatives, **Trudy Smith**, assistant to the dean for human resources, Small College of Business Administration, and **Greg Ingram**, assistant to the director, Business Services, will address the duties and responsibilities of a personnel representative at the next meeting of Professional Women at Penn State at 11:45 a.m. Tuesday, Nov. 27, in the Fritzel Room of Eisenhower Chapel at University Park.

Professional Women at Penn State is a

grass-roots group coordinated by University women in which participants can develop and maintain a communications network and serve as a resource for other Penn State women.

The group welcomes attendance from all classifications at the University.

Children's Book Week

The Penn State Bookstore on campus will observe National Children's Book Week through Nov. 18.

Children's Book Week is an annual celebration which draws attention to the importance of books for children and the vital nature of literacy for all ages. In honor of the celebration, the Bookstore is offering a 20-percent savings on all children's books.

Science writers

Robert H. Ashley, executive editor of the *Centre Daily Times*, will lead a luncheon roundtable sponsored by the Penn State Chapter of the National Association of Science Writers at 11:45 a.m. Wednesday, Nov. 28, in 313 Kern

Building at University Park. He will lead a discussion of "Science Reporting in the Centre Daily Times."

The Penn State Chapter of the National Association of Science Writers meets for lunch and discussion on the last Wednesday of each month. The brown bag luncheon roundtable series is open to anyone interested in science communication.

Brown Bag Lecture Series

"Spirituality and Social Justice Issues for Women" will be discussed at noon Wednesday, Nov. 28, in the Center for Women Students' Lounge, 120 Boucke Building, University Park.

Anne Ard of the United Ministries at Penn State will discuss ways in which spirituality informs and inspires work on social justice matters pertaining to women.

The lecture is sponsored by the Center for Women Students and is part of the center's Brown Bag Lecture Series. For more information, call 863-2027.

Appointments

Gerald E. McClearn, Evan Pugh professor of health and human development, has been appointed head of a new graduate program in Biobehavioral Health in the College of Health and Human Development.

The new Ph.D. program is based on the idea that human development, health and illness result from multiple factors—including biological, behavioral, sociocultural, and environmental. The factors studied at Penn State include hormones, genetics, addictions, tobacco use, nutrition, exercise and stress, among others.

"Increasingly, we're coming to see health as the product of variables that interact with one another," Dr. McClearn said. "As a result, preventing and treating disease may require combinations of medical, behavioral, sociocultural, and environmental strategies."

"There is growing demand for scholars and professionals who can bring this integrated perspective to bear in health care settings."

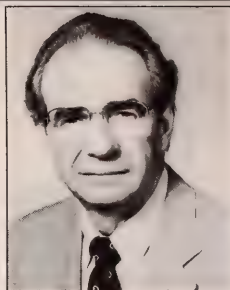
Graduates of the new program will pursue research, teaching and policy roles in a variety of settings, including health care, research laboratories, government agencies, universities and medical schools.

Dr. McClearn was appointed head of the program following a national search. He had been director of the college's Center for Developmental and Health Genetics, and until this year he also was head of the intercollegiate graduate program in genetics.

His research spans animal and human studies of genetics, drugs, and aging. In the past two decades, he has been principal investigator or co-investigator on grants totalling more than \$10 million. Among his current projects are long-term collaborations with the Karolinska Institute in Stockholm and the Gerontology Institute in Jonköping on major studies of elderly Swedish twins.

Dr. McClearn is past president of the Behavior Genetics Association and has been elected to membership in the Academy of Behavioral Medicine Research. He has served on several review boards and advisory panels for the National Research Council, Social Science Research Council, Alcohol, Drug Abuse, and Mental Health Administration, and National Institutes of Health.

Evan Kozlowski, an international authority on drug use who joined the University faculty this fall, is professor-in-charge of graduate studies for the new program. He had been a senior scientist and



Gerald E. McClearn

head of behavioral research on tobacco use at the Addiction Research Foundation in Toronto, and professor of preventive medicine and biostatistics and professor of psychology at the University of Toronto.

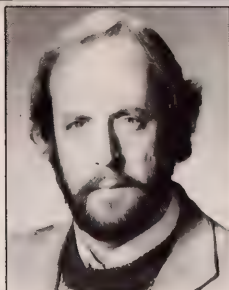
Robert Plomin, professor of human development, has been appointed director of the Center for Developmental and Health Genetics in the College of Health and Human Development.

He replaces **Gerald McClearn**, the center's founding director, who has been chosen to head the college's new graduate program in Biobehavioral Health. **Guy Barabato**, associate professor of poultry science, has been named associate director of the center.

Dr. Plomin, a behavioral geneticist, is past president of the Behavior Genetics Association and was the nation's top-ranked faculty member in a 1980 study of family science programs published in *Family Science Review*. He was a recipient of the 1988 Faculty Scholar Medal from Penn State.

A faculty member in the Department of Human Development and Family Studies he studies the role of both heredity and environment in behavioral development, such as personality and mental abilities.

He was co-founder of the Colorado Adoption Project, which has followed 250 adopted children and their families and 250 matched non-adoptive families for more than 10 years to explore the genetic and environmental influences on children's development.



Robert Plomin

His current research also involves applying molecular genetic techniques to the analysis of behavioral development.

The Center for Developmental and Health Genetics, established in 1988, fosters research and graduate training in developmental and health genetics among departments within the college. It also encourages collaborative research with other departments at Penn State and other institutions, and serves as a resource for faculty who are interested in using genetic theories and methods in their research.

Reginald K. Brooks, of Dallas, Texas, has been appointed coordinator of minority student services in the College of Education.

Mr. Brooks attended the University of Akron, where he earned a bachelor of arts degree in comprehensive social studies in 1971 and a master of arts degree in urban studies and planning in 1973. Additional education includes study at the Annual Institute of Atlanta University's Martin Luther King Jr. Center.

He served as a social studies teacher and supervisor in the Akron Public Schools for 10 years. As an adjunct faculty member in both Cedar Valley Community College and the University of Akron, he taught such subjects as Black history, human relations, political science, and sociology. In 1981, he was named director of the City of Akron's Human Relations Commission, advising the mayor on human relations issues, administering the budget, and representing



Reginald K. Brooks

the mayor at the local, state, and national levels.

Relocating to Dallas in 1984, Mr. Brooks worked as a research specialist and consultant with Associate Image Makers Inc., where his responsibilities included research, analysis, and conducting seminars/workshops on managing conflict, minority business entrepreneurship, and equal opportunity awareness.

In 1987, he established R.K. Brooks and Associates, a private consulting firm specializing in writing affirmative action plans for private corporations, government, and non-profit social service agencies.

His professional affiliations include the Martin Luther King Institute and the United Neighborhood Centers of America.

Two key administrators in the Penn State Executive Programs have received new appointments.

Albert A. Viceri has been appointed assistant dean for Executive Programs with policy-level responsibility for the Smeal College of Business Administration's internationally recognized executive education programs. Dr. Viceri also holds the rank of associate professor of business administration.

Vignita T. Freeman has been appointed director of the Penn State Executive Programs and will serve as the unit's chief operating officer. In addition to her administrative position, she also is an assistant professor of business administration.

Search group for academic officer named

A search committee to identify candidates for the half-time position of academic officer in the Office of Education Abroad Programs (OEAP) has been appointed by W. LaMar Kopp, deputy vice president for international programs.

Michael Smyer, chair of the International Council and associate dean in the College of Health and Human Development, is committee chair.

Elizabeth Smith, who has held the

position for the last three years, is returning to full-time teaching and research in the Department of History.

"Dr. Smith has done a superb job of helping us maintain the highest academic standards in our programs abroad," Dr. Kopp said. "Furthermore, she has been instrumental in helping Penn State achieve its number one national ranking in the number of Fulbright awards."

Responsibilities of the OEAP academic

officer include: overseeing the University's involvement in the Fulbright program; coordinating with appropriate academic units in maintaining an effective level of quality control over the Education Abroad Programs; selecting qualified participants and ensuring that appropriate standards are maintained in evaluating their performance abroad; and providing an academic perspective to OEAP's strategic planning and program development activities.

The academic officer will be

responsible to the deputy vice president for international programs on a half-time appointment within OEAP while maintaining a half-time appointment with his/her academic unit. The position will be on a fixed-term basis for three years with the opportunity for review continuation.

Applications and nominations should be addressed to Dr. Smyer, Office of Education Abroad Programs, 222 Boucke Building, University Park. The deadline for submission of applications is Dec. 14.

Faculty members and alumni are honored with awards

Fulbright grant

Gideon Golany, research professor of urban design planning in the Department of Architecture, has been awarded a nine-month Fulbright Research Grant to study modern Japanese below-ground shopping centers, starting this December.

The award will enable Dr. Golany to continue his pioneering research in below-ground spaces, which has covered indigenous spaces in Tunisia, China and Turkey.

Since the 1950s, the Japanese have built large-scale underground shopping centers in almost every medium and large city in the country. One in Tokyo accommodates as many as 800,000 people daily.

Dr. Golany will study three aspects of these centers. He will look at the design of the centers to determine how efficient they are and what aspects designers can apply to future developments in the West. He will study the building phase to determine the problems encountered during construction, and he will research the maintenance aspects of the finished centers.

Dr. Golany hopes to determine the principles of successful underground design, combining his previous research on ancient below-ground spaces with that of the modern Japanese designs.

Teaching and service

Two faculty members in the College of Health and Human Development have been awarded for teaching and service to students.

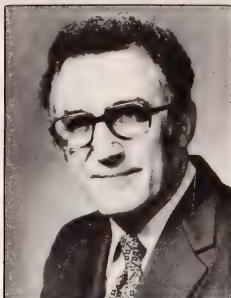
Sponsored by the college and its alumni society, the awards were presented at Health and Human Development Day at University Park.

Deborah Kerstetter, assistant professor of leisure studies, is the 1990 recipient of the Evelyn R. Saubel Faculty Award, which recognizes a faculty member whose students value as an adviser and who shows a commitment to human service. The award was named for Ms. Saubel, a 1935 Penn State graduate in home economics and longtime assistant to the dean in the former Colleges of Home Economics and Human Development.

Dr. Kerstetter is professor-in-charge of the department's undergraduate program and specializes in commercial recreation and tourism. The award nominations describe her as "extremely committed to the student, always available as an adviser" and "an excellent resource for students in making career decisions."

Dorothy Blair, assistant professor of nutrition, is the 1990 recipient of the Dorothy Jones Barnes Teaching Award, which rewards excellence in teaching and outstanding contributions to the art of teaching. It is supported by an endowment from Dorothy Jones Barnes, a 1944 Penn State graduate in home economics, and her husband, William T. Barnes.

Dr. Blair was cited for developing and carrying out innovative undergraduate and graduate courses. One faculty member wrote that she has received "acclaim and enormous respect for her insight and creativity in the classroom."



Gideon Golany



Deborah Kerstetter



Dorothy Blair

College of Education

The College of Education has honored seven alumni who have distinguished themselves in their careers.

Martha A. Burns received the excellence in Education Award; **Joan Y. Williams**, **Robert E. Mount** and **James W. Burns** received Outstanding Teaching Awards; and **Ralph N. Pacinelli**, **James E. Seitz** and **Ann Jones Zahora** received Leadership and Service Awards.

Martha A. Burns, professor of education at George Washington University, earned her master's and doctoral degrees from Penn State in counseling and higher education, respectively. She received a bachelor's degree in elementary education from the University of Bridgeport.

Joan Y. Williams holds a bachelor's degree in education and a master's degree of education from Penn State and currently teaches sixth grade social studies at North Penn School District in Lansdale.

Robert E. Mount is a veteran math teacher with more than 30 years experience in the Twin Valley Junior-Senior High School in Elversen. He holds a bachelor's degree in education from Penn State and a master's degree of education from Temple University.

James W. Burns from Kalamazoo, Mich., is director of the Western Michigan University Reading Recovery Project. He earned a master's degree of education in educational administration and a doctorate in elementary education, both from Penn State. His bachelor's degree in early childhood education and elementary education was completed at Central Connecticut University.

Ralph N. Pacinelli has served in many capacities during his 30-year career in the field of rehabilitation, most currently as regional commissioner for Region III of the Rehabilitation Services Administration in Philadelphia. He holds a master's degree of education degree and a doctor of education degree from Penn State, both in counselor education, and a B.S. degree from Villanova University.

James E. Seitz is president emeritus of Edison State Community College in Piqua, Ohio. He served as the college's first president, from its charter in 1973 until his

retirement in 1985. He holds a B.S. degree in industrial education and science from Millersville State College, an M.Ed. in administration of education from Penn State and a Ph.D. in administration of higher education from Southern Illinois University.

Ann Jones Zahora, a B.S. degree graduate in education, is the executive director of the Cape May County Department of Aging, Cape May, N.J. She also holds a certificate in planning in gerontology from Syracuse University and a certificate in urban planning from Rutgers University.

Alumni awards

The College of Health and Human Development has presented its 1990 Alumni Recognition Awards to **Merle Best**, a clinical dietitian at Passack Valley Hospital, Westwood, N.J., and nutritional consultant to professional athletes.

Lawrence R. Brawley, associate professor of kinesiology at the University of Waterloo, Ontario; and **Sarah M. Wilder**, professor of dietetic technology at Cuyahoga Community College, Cleveland.

The awards, co-sponsored by the college and its alumni society, honor graduates who have shown professional excellence or exemplary community involvement in the health and human development professions.

Ms. Best earned a master's degree in nutrition from Penn State in 1961. She is

the nutritionist for the New York Giants of the National Football League and has done consulting for other sports teams, including the National Hockey League's New Jersey Devils, as well as various corporate programs.

She is co-founder of the National Dietetic Practice Group of Sports and Cardiovascular Nutritionists, or SCAN, and received the 1985 SCAN National Recognition Award.

Dr. Brawley earned a Ph.D. in physical education from Penn State in 1980. He is associate professor in the Department of Kinesiology at the University of Waterloo, Ontario, and is considered an international scholar in group dynamics and exercise adherence.

Author of nearly 100 publications, he is president of the Association for the Advancement of Applied Sport Psychology, an organization in which he holds fellow status.

Dr. Wilder earned a Ph.D. in community systems planning and development from Penn State in 1988. She is professor of dietetic technology at Cuyahoga Community College, Cleveland.

She developed Ohio's first health-oriented, two-year associate degree program for dietetic technicians and served as its first department chair. She organized and served as the first president of the Network of Blacks in Dietetics and Nutrition, a national organization.

Partings

Charles T. Townley, head librarian at Penn State Harrisburg, from Sept. 1, 1979, until Aug. 31.

Douglas C. Woolley, assistant professor of family and community medicine at Hershey, from July 1, 1977, until Aug. 26.

Anne M. Hensch, clinical laboratory assistant at Hershey, from Oct. 16, 1979, until Aug. 31.

Peggy L. Cinsy, licensed practical nurse at Hershey, from Sept. 8, 1980, until Sept. 13.

Frances S. Bowser, residence hall worker, Housing and Food Services, from Sept. 5, 1974, until Sept. 29.

Clyde T. Perkins, plumber A at Penn State Harrisburg, from June 2, 1980, until Oct. 1.

Frances M. McCool, secretary A, Division of Development, from Jan. 2, 1973, until Sept. 26.

Lawrence H. Rottner, counselor, Undergraduate Programs, from Sept. 4, 1979, until Oct. 10.

Michelle J. Bachmann, staff pharmacist, dispensing, Hershey, from Oct. 6, 1980, until Oct. 13.

Katherine L. Silver, administrative aide, Agriculture, from Nov. 23, 1977, until Oct. 17.

Elzada F. Spruck, food service worker, Housing and Food Services, from Nov. 7, 1980, until Nov. 10.

Faculty/Staff Alerts

Friday, Nov. 23, parking

On Friday, Nov. 23, the day after Thanksgiving, faculty/staff parking rules and regulations will be modified to allow any area parking for vehicles displaying current faculty/staff parking permits.

Vehicles must be parked in bona fide parking spaces. Regulations concerning reserved spaces, limited time spaces and metered spaces will remain in effect. This change of faculty/staff parking regulations is authorized for Nov. 23 only. It is not expected that modification of faculty/staff parking regulations will be authorized at any future time.

The parking kiosks will be open from 7:30 a.m. to 4:30 p.m. Nov. 23. Visitor parking regulations will not be changed for Nov. 23.

UTS final exam hours

The Fall Semester final exam period runs from Monday, Dec. 10, through Saturday, Dec. 15. University Testing Service will be open to receive work from 8 a.m. to 5 p.m. on Monday through Friday. On Saturday, Dec. 15, hours will be 9 a.m. until 1 p.m.

Please submit recording rosters before finals, if possible. Recording rosters submitted during finals receive a lower work priority than jobs on answer sheets.

Winter parking regulations

Parking is prohibited in faculty/staff parking areas from midnight to 7 a.m. when snow falls or when there is predicted snowfall in the evening or night.

Signs stating "no parking, midnight to 7 a.m., if snow" are posted at the entrance to all faculty/staff parking areas. When there is no snow or no predicted snowfall, the regulations will not be in effect.

Faculty and staff members should not leave their vehicles parked overnight on campus when a snowfall occurs. If the vehicle must be parked on campus

overnight, for personal safety reasons, it must be moved to a designated emergency faculty/staff overnight parking area.

Three parking lots are designated emergency faculty/staff parking lots and may be used for vehicles displaying a current faculty/staff parking permit: west section of Red C, northeast section of Blue A near Mitchell Building, and east section of Orange F at the Sports Complex.

Physical Plant will give high priority to salting and/or applying anti-ice materials during a snowfall to all roads and parking lot entrances that are on a grade.

Vehicles that remain on campus beyond midnight when there is snow, other than in the designated emergency overnight parking areas, will be cited for snow restriction, which carries a \$15 penalty.

The lower level of the parking terrace will not be posted as a restricted area when snow accumulates; however, the lower level is not designated as an emergency parking area. Any vehicle parked overnight at the lower level must be moved to the assigned parking area by 7 a.m. the next workday morning unless the vehicle has a Green B parking permit displayed.

Flexible benefits plan

Several provisions of the federal government's fiscal year 1991 budget directly affect tax savings available through the University's flexible benefits plan.

The FICA tax paid by faculty and staff and matched by the University consists of two parts, social security and Medicare. In 1990 the FICA tax totalled 7.65 percent of the first \$51,300 of earnings. For 1991, the social security rate of 6.2 percent will be payable on earnings up to \$53,400. The 1.45 percent Medicare portion will be applied against the first \$125,000 of earnings.

In addition, a new top income tax rate of 31 percent will apply to income levels

above approximately \$82,050 for joint filers and \$49,200 for single individuals. The impact of this new tax rate and the increases in the FICA ceilings will be less significant for individuals taking advantage of the Penn State flexible benefit program. Participation in Contribution Conversion avoids payment of federal income and FICA taxes on the amounts contributed for medical/dental/vision benefits and group life insurance coverage.

Additional tax savings also are available to faculty and staff with out-of-pocket health care expenses and/or work related dependent care expenses who take advantage of either or both of the reimbursement accounts. The new federal budget also affects the Health Care Reimbursement Account. Beginning with the 1991 tax year reimbursements for nonreconstructive cosmetic surgery will no longer be permitted. No changes were made to the dependent care account limits.

A complete description of these accounts along with 1991 Flexible Benefits Election forms were mailed at the beginning of November to all regular full-time faculty and staff. The deadline for returning the 1991 forms to the Employee Benefits Division is Nov. 30.

Payroll changes

The University will distribute the Dec. 28 bi-weekly and Dec. 31 monthly payroll checks prior to the December closing.

The Dec. 28 bi-weekly payroll checks will be dated Dec. 28 and the Dec. 31 monthly payroll checks will be dated Dec. 31 and will not be negotiable for cashing or depositing until those dates.

However, again this year as a convenience to employees, the Dec. 28 bi-weekly and Dec. 31 monthly checks will be available for early distribution on Friday, Dec. 21. Automatic payroll deposits for Dec. 28 bi-weekly checks and the Dec. 31 monthly checks will be on the payday.

Reminder on W-2 mailing

If your payroll check is deposited, your W-2 will be mailed to the office address shown on your payroll deposit slip. If your payroll check is not deposited, the W-2 Form will be mailed to the address shown on the payroll check.

If either the office address or home address is incorrect as shown on your payroll check or deposit slip, please correct by completing one of the following forms and forwarding to the Payroll Office, 307 Rider Building.

The office address can be changed by submitting a new Office Address and Telephone Information Form. The home address can be changed by submitting a new W-4 Form.

Dual career employment

It is important to be aware, when recruiting new faculty and staff, that the Office of Human Resources' Dual Career Employment Assistant Program is available to provide assistance with dual career employment situations.

Jan Davison, program coordinator, works with the applicant's partner to help him/her assess the employment opportunities in the Central Pennsylvania area. Contacts both within the University and with community employers are made on the partner's behalf. Ms. Davison provides lists of major businesses and industries in the area and can serve as a contact, as appropriate.

The program provides individualized assistance to each applicant's dual career partner from the beginning of the recruitment process. The success of the program is based largely on early contacts with Ms. Davison.

Brochures describing the program are available from Ms. Davison. She can be reached at the Rider Building, 120 S. Burrows St., telephone 863-1218.

Focus on the arts

Continued from page 1.

Nov. 29, in Eisenhower Chapel at University Park. The 20-minute concert is part of the Bach's Lunch concert series sponsored by the School of Music and the University Lutheran Parish.

The C flute, alto flute and piccolo, which represent a wide range of register, will be featured in the performance. The program will include Etudes by H. Griem, "Changes," by L. Maury, Prelude by Zanevelli, "Quatuor," by Dubois and "Flute Cocktail" by Simeone.

The ensemble includes 11 flutists, 10 music majors and one non-major, and is conducted by Eleanor Duncan Armstrong, assistant professor of music. Elizabeth Sharp, a graduate flute performance major, is the assistant conductor.

Philharmonic orchestra

The Penn State Philharmonic Orchestra will present its annual Christmas concert at 8 p.m. Friday, Nov. 30, in Schwab Auditorium at University Park.

The program will include the first movement of Rachmanninov's Second Symphony and the Overture and "Sound an Alarm" from Handel's "Judas Maccabaeus." Also included in the program are the traditional Christmas carols.

The orchestra is directed by Douglas Meyer, associate professor of music and music director of the philharmonic. Richard Kennedy, assistant professor of music, is the soloist.

Tickets are \$3 for students and \$5 for adults and are available at the Eisenhower Ticket Center (814) 863-0255, from 8:30 a.m. to 4:30 p.m. Monday through Saturday, or at the Playhouse Box Office in

the Arts Building, from 11:30 a.m. to 4:30 p.m. Tuesday through Friday.

Symphonic Band

The Symphonic Band, conducted by Ned C. Deihl of the School of Music, will present its first concert of the year at 7 p.m. Saturday, Dec. 1, in the Hetzel Union Building Ballroom at University Park.

The program includes Prologue and Dance by Del Borgo, "Fiesta del Pacifico" by Nixon, and the prologue to "West Side Story" by Bernstein, in honor of the great maestro/composer's recent death. It also features Herbert Clarke's trumpet trio "Three Acres" with Dan Klapproth, Lee Dash and Ken Oedemann.

The band is made up of both music and non-music majors, many of whom are also members of the marching Blue Band.

University Choir

The Penn State University Choir will present a Christmas concert at 8 p.m. Saturday, Dec. 1, in Eisenhower Auditorium at University Park.

The program will feature "Te Deum" by John Rutter, performed with the assistance of the Penn State Concert Choir and the University Brass.

The University Choir will perform selections by Clausen, Schuler, Christiansen, Aloetti, Brahms and many other traditional Christmas carols. The choir is directed by Daniel Dauner, assistant professor of music education.

In addition, the University Choir Chamber Ensemble, directed by Russell Shelley, a graduate student in the School of Music, and the Concert Choir, directed by D. Douglas Miller of the School of Music faculty, will perform selections.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. APPLY BY CALLING THE EMPLOYMENT DIVISION: 863-0304. Applications for these staff vacancies will be accepted until **NOV. 23. DO NOT CONTACT THE AREA THAT HAS THE VACANCY.** Applications for staff vacancies are considered in accordance with Fair Employment practices (FEPS) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law) sex, or status as a disabled or Vietnam era veteran.

■**01125, Assistant Banquet Supervisor, Nittany Lion Inn, University Park Campus** - Responsible for banquet sales and service activities and for training and supervision of assigned employees to insure efficient and high quality service. Duties include hiring, scheduling, and supervising employees maintaining equipment and supplies, payroll, and other records. Requires associate degree, or equivalent, plus over three months up to and including 12 months of effective experience. STAFF GRADE 4.

■**01126, Administrative Aide, Agriculture, Veterinary Science, University Park Campus** - Develop, analyze, compare and summarize data for various departmental activities, administrative unit and committee functions. Establish and maintain the departmental grant program. Ensure preparation, expenditures and reporting systems deadlines are met and submitted in a timely manner. Provide support for the preparation of research resident instruction, extension and contract budgets. Requires bachelor's degree, or equivalent, with two to three years of effective experience or associate degree, or equivalent, with two to three years of effective experience in office management. STAFF GRADE 5.

■**01127, Assistant Director of the Instructional Development Program, Undergraduate Education, Instructional Development Program, University Park** - Responsible to the

associate dean for undergraduate education through the director of the instructional development program for coordinating and conducting curricular development programs for faculty, for providing consultation to departments and faculty in developing new courses, and for assisting in the administration of the Instructional Development Program. Requires master's degree, or equivalent, in curriculum and instruction or related field plus one to two years of effective experience in curricular development. A doctoral degree is preferred. STAFF GRADE 7.

■**01128, Counselor, Undergraduate Education, Academic Assistance Programs, University Park Campus** - Responsible to the counseling coordinator, assistant to the assistant dean, to provide various services to Hispanic/Latino students to enable them to effectively adjust and function within the University environment. Requires master's degree, or equivalent, in counselor education, psychology, social welfare, sociology, or related field. One to two years of effective experience in directly related activities are necessary. Fluency in Spanish and direct work experience with Hispanic/Latino students required. THIS IS A FIXED-TERM POSITION FUNDED FROM JAN. 7, 1991, THROUGH JUNE 30, 1991, WITH EXCELLENT POSSIBILITY OF RE-FUNDING. STAFF GRADE 7.

■**01129, Business Coordinator, Eberly College of Science, Molecular and Cell Biology, University Park Campus** - Responsible to the department head for supervision of business office clerical staff and stockroom technical-service personnel, and for coordination of accounting, budgetary, and facilities activities for the Department. Requires associate degree, or equivalent, in accounting or business management plus one to two years of effective experience in business operations, preferably in an academic environment. Effective experience working with computers required. STAFF GRADE 5.

■**01130, Textbook Specialist, Bookstore, University Park Campus** - Responsible to the director, Penn State Bookstore System for the new and used textbook operation of the Penn State Bookstore at University Park. Requires bachelor's degree, or equivalent, and one

to two years of effective experience or an associate degree, or equivalent, and from two to three years of effective experience. STAFF GRADE 5.

■**01131, Grants and Contracts Accountant, Corporate Controller, University Park Campus** - Responsible to the assistant director, Research Accounting, for auditing and accounting functions required by research contracts. Requires master's degree, or equivalent, in contract provisions and the resolution of problems associated with contract accounting. Requires bachelor's degree or equivalent, in accounting, plus over one and up to and including two years of effective experience in accounting work. STAFF GRADE 5.

■**01132, Programmer, Computer and Information Systems, Management Services, University Park Campus** - Code, test, debug and document data administration programs; coordinate control and code JCL for database modification utilities; maintain data dictionary and data definition module entries. Requires bachelor's degree, or equivalent, in computer science or related field, plus six to nine months of effective experience. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991, WITH PROBABILITY OF RE-FUNDING. STAFF GRADE 5.

■**01133, Senior Applications Software Designer/Programmer, CES, Management Systems, University Park Campus** - Responsible to the assistant manager, Applications Development, for leadership of major data processing development projects. Requires bachelor's degree, or equivalent, in computer science, MIS or related field and two to three years of effective experience in computer programming, systems analysis, management information systems, and/or fourth generation development environment. Experience in accounting financial management, budgeting, or other administrative areas is desirable. THIS POSITION IS FUNDED THROUGH JUNE 30, 1991, WITH GOOD POSSIBILITY OF RE-FUNDING THROUGH JUNE 30, 1992. STAFF GRADE 7.

■**01134, Producer-Director, Program Production, CES, University Division of Media and Learning Resources, University Park Campus** - Responsible

to the head, Program Production, for the planning and coordination of all phases of remote and field production for assigned projects. Work primarily with Penn State sports events. Requires bachelor's degree, or equivalent, in television/film production, broadcasting, journalism, or a related area plus one to two years of effective experience in television and film production. Experience with production of sports events is preferred as well as knowledge of production budgets and completing projects within specified timelines. STAFF GRADE 6.

■**01135, Senior Diversity Planning Analyst, President's Office, Office of the Vice Provost, University Park Campus** - Responsible to the vice provost for continuous monitoring of institutional research, planning, and analysis associated with the University's goal of promoting and enhancing cultural diversity. Requires bachelor's degree, or equivalent, in higher education or other educational field, public administration, or field related to policy analysis, plus two to three years of effective experience in higher education or cultural diversity planning activity is required. Excellent writing skills and a basic understanding of statistical techniques are essential. Master's degree, or equivalent, and from one to two years of effective experience is preferred. STAFF GRADE 7.

■**01136, Advising/Counseling Assistant, Dullos Campus** - Responsible to the director of academic affairs for conducting personal, educational and career counseling and advising programs and services as part of the campus Academic Development Center. Assist with activities of the Academic Development Center related to non-traditional, under-prepared, multi-cultural, provisional and other students as assigned. Requires master's degree, or equivalent, in counseling or related field, plus over three months of effective experience. STAFF GRADE 6.

Hershey

For the following position vacancies apply directly to The Milton S. Hershey Medical Center. Attach resume with cover letter indicating the position vacancy code and forward to the Department of Human Resources

Hershey or call the Hershey hot line at (717) 331-8531 by Nov. 22.

■**17182, Assistant Coordinator, Department of Radiology, Hershey Medical Center** - Responsible to the coordinator, Radiologic Technology Program, for assistance and coordination in the establishment and maintenance of a school of radiologic technology in accordance with applicable Joint Review Committee on Education in Radiologic Technology and Medical Center Standards. Minimum qualifications include a graduate from approved Radiologic Technology Program with registration and associate degree or equivalency, plus a minimum of three to four years of effective experience, one to two years of which must have been in radiologic teaching. STAFF GRADE 6.

■**17139, Child Life Specialist, Department of Nursing Services, Division of Inpatient Services, Hershey Medical Center** - Responsible to the manager, Child Life Program, for providing assistance in the implementation of an educational/recreational program for hospitalized children and clinic patients. Bachelor's degree, or equivalency, in psychology, child development, education or a related field with one to two years supervised experience in established Child Life Program. Master's degree preferred. Eligible for professional CLS certification. STAFF GRADE 6. THIS IS A TEMPORARY DOUBLE FILL POSITION WITH BENEFITS APPROXIMATELY SIX TO EIGHT MONTHS IN DURATION.

■**17169, 17169-17170, User Information Manager, Department of Information Systems, Hershey Medical Center** - Responsible to the assistant director, User Services, for providing consultation to assigned user departments concerning Information Systems evaluation and development, for monitoring Information Systems projects for providing training to users, and for serving as an advocate for user needs. Requires a bachelor's degree in computer science, management information systems, or related field, plus two to four years of effective Information Systems experience. STAFF GRADE 7. THREE POSITIONS ARE AVAILABLE.

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William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

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See page 3 for stories from the Nov. 8 and 9 meeting of the Board of Trustees.

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Three faculty members named to Sparks Professorships

The College of the Liberal Arts has announced its first three Edwin Erle Sparks Professorships, endowed with a \$1 million challenge grant from the National Endowment for the Humanities.

The recipients are **Thomas W. Benson**, professor of speech communication; **Gerard J. Brault**, professor of French and medieval studies; and **William R. Schmalstieg**, professor and head of the Slavic Languages Department.

Dr. Benson is well-known for his studies of the rhetorical dimensions of film, television, autobiography, technology and political movements.

He is the co-author of *Reality Fictions: The Films of Frederick Wiseman* (Southern Illinois University Press: 1989). His essay on the rhetoric of the *Autobiography of Malcolm X* was a pioneering effort in linking the study of speech communication with ethnic diversity and alternate modes of discourse.

He currently is working on a history and criticism of American presidential ghostwriting.

Dr. Brault, a leading authority on Old French literature, edited the two-volume *Song of Roland* (1978), a critically acclaimed edition and analysis of the earliest and most famous chanson de geste. In 1979, Dr.

Brault received Penn State's first Faculty Scholar Medal for Outstanding Achievement in the Arts and Humanities for this book.

A former Guggenheim Fellow and twice a Fulbright scholar in Strasbourg, France, he is internationally known for his work on medieval heraldry and on the language and culture of Quebec. His seventh book, *The French-Canadian Heritage in New England*, earned him Penn State's Class of 1933 Humanities Award.

Elected a Fellow of the Medieval Academy of America and also of the Institute for the Arts and Humanistic

Studies in 1976, he was appointed Distinguished Professor of French and Medieval Studies earlier this year.

Dr. Schmalstieg co-wrote *An Introduction to Modern Lithuanian*, which has appeared in three editions (1960, 1972, 1980) and is the most widely used grammar text on that language outside of Lithuania itself.

He is known in the field of Slavic languages for his *Introduction to Old Church Slavonic* and in the field of comparative linguistics for his books: *Indo-European Languages: A New Synthesis* (1980) and *Beginning Hittite* (1988).

Please see 'Sparks' on page 3.

President Thomas has announced the names of a 14-member search committee charged with forwarding candidates to fill the position of executive vice president and provost at the University.

The committee will recommend individuals to Dr. Thomas to fill the position currently being filled on an acting basis by Charles L. Hosler. The committee membership includes faculty, staff and students.

Thomas L. Merritt has been appointed committee chairman. Dr. Merritt, previous chairperson of the University Faculty Senate and professor of animal science, chaired the University's presidential search and screen committee last year.

Other committee members are:

Robert D. Arbuckle, campus executive officer, Penn State New Kensington Campus; **Nancy M. Cline**, dean of the University Libraries; **Robert E. Dunham**, vice president and vice provost; **E. Emory**

Encore Jr., assistant department head and professor of industrial engineering; **Ronald W. Fischer**, undergraduate student and the Commonwealth Campus Student

Government representative to the University Student Advisory Board; **Gregory L. Geoffroy**, dean of the Eberly College of Science; **R. Scott Kreitchmar**, professor of exercise and sport science.

Herschel W. Leibowitz, Evan Pugh professor of psychology; **Alphonse E.**

Leure duPree, assistant dean for academic achievement and director of special programs and professor of anatomy at the Hershey Medical Center; **Helen A.**

Manfull, professor of theater arts; **Ken Martin**, graduate student and president of the Graduate Student Association; **James F.**

Smith Jr., associate professor of English and American studies, Penn State Ogontz Campus; **Elizabeth Walker**, undergraduate student and head of the State College chapter of the NAACP.

The search committee will advertise the search for a new executive vice president and provost of the University, and receive and screen applications and nominations.

Please see 'Search' on page 3.

Search committee is appointed for provost position

Shiffer named director of Child Care Program Services

Mary M. Shiffer has been appointed director of Child Care Program Services in the Office of Human Resources.

"We are pleased with the appointment of Ms. Shiffer to this important position. **Billie S. Willis**, assistant vice president for human resources, said.

"She brings to the program extensive administrative experience in a variety of child care-related systems throughout the state."

According to Dr. Willis, a University-wide Child Care Advisory Committee, chaired by Charles Surp, head of the Department of Human Development and Family Studies, will provide advice to the Child Care Program Services director.

She said the committee, made up of faculty, staff, and students, will provide assistance to the director on such issues as evaluation of on-campus child care programs, monitoring for effectiveness of programs, and oversight of the

implementation of a University-wide child care plan of action.

Support for program policy and direction will be provided by the University Child Care Executive Committee. The committee, comprised of **Carol Hermann**, vice president for administration; **Grace**

Hampton, vice provost; **William Asbury**, vice president for student services, and **James Wagner**, vice president for business and operations, reports to the president through the executive vice president and provost.

Ms. Shiffer earned a bachelor's degree in elementary education from Elizabethtown College and a master's degree in elementary education, with an emphasis in early childhood, from Penn State. Most recently, she has been the Central Region School Age Child Care Project director for the Central Intermediate Unit, responsible for implementation of school aged child care/extended day services within a 24-county

region of the state.

Previously, she was program administrator for the Mifflin County child care system and education coordinator for Cen-Clear Child Services.

In addition, Ms. Shiffer has been involved in the grass roots of child care services, having operated the Bellefonte Playschool for a number of years. She also served as a Head Start training officer for the Office of Human Development Services and has taught school at the elementary level.

Her professional credits include service as a member of the Child Care Advisory Committee for the Pennsylvania Department of Education, as a Child Development Associate Credentialing System representative, and as a consultant in human resources development. She has served on numerous task forces and review teams related to child care and Head Start programs.



Mary M. Shiffer

Focus on Diversity

Kelsey is named to national admissions post

Gary M. Kelsey, director of minority admissions and community affairs, has been elected vice president for human relations for the National Association of College Admission Counselors.

NAACAC is the nation's only professional organization established for high school and institutions of higher education guidance and admissions counselors.

"One of our primary goals is to continue to build on the organization's current focus on early intervention and concern for minority and economically disadvantaged populations," he said.

Other goals, he noted, include working to provide programs and services that seek the active involvement of parents and businesses in the delivery of quality educational programs to all students.

A member of the University staff since

1988, Mr. Kelsey coordinates the implementation of the University's comprehensive minority recruitment plan. He also organizes and directs the activities of the University's Regional Recruitment Centers in concert with members of the Penn State community and alumni.

He is a member of the National Association of Black Counselors, National Association of Admissions Counselors, American Association for Counseling and Development, Association for Multicultural Concerns, NAACP and Central Pennsylvania Men of Color. He is president-elect of the Forum on Black Affairs.

Before joining Penn State, Mr. Kelsey served in the Middle State Office (Philadelphia) of the College Board for three years.



Gary M. Kelsey

Christmas party

The Paul Robeson Cultural Center will host its annual International Children's Christmas Party from 1 to 3 p.m. Saturday, Dec. 1, in the center's auditorium.

Children up to age 12 of all ethnic backgrounds from the State College and University Park communities are invited to attend.

The Christmas movie "Santa and the Three Bears," free gifts for all children and Christmas songs are features for this year's party.

"The party has become quite a success over the years, would not have been possible without the donations and support of State College area businesses, several University departments and numerous volunteers," Sandra Edwards, assistant to the director, Paul Robeson Cultural Center, and event organizer, said.

In keeping with tradition, all children are asked to bring canned food donations for the State College Area Food Bank.

For more information, call 865-1779.

Programs dealing with diversity are available

Audio-Visual Services recently acquired three programs that deal with diversity issues.

Black and White America (36084.VH) tells the story of five students at Rutgers University — two black, two white, and one a child of a mixed-race marriage — and shows how they negotiate the routine of their lives based on what they feel about their own race and that of others, and how

they perceive others feel about theirs. *Pockets of Hate* (36089.VH) examines the increase in racial crimes, particularly those perpetrated against recent immigrants.

Racism in America (36090.VH) also looks at the resurgence of racially motivated violence during the early and mid-1980s. It examines the reasons why people vent anger against minorities, the social and economic implications of racist acts, and

how one community successfully responded to its racial problems.

The programs are available at no charge to University faculty and staff members for classroom use. At University Park, call 865-0913 for more information and to make arrangements for a preview showing. At a Commonwealth Campus, contact the campus instructional services specialist for ordering procedures.

WPSX-TV programs

Billy Crystal, Milton Berle and Joan Rivers headline "The World of Jewish Humor" at 9 p.m. Friday, Nov. 30, on *Great Performances*. The program celebrates the stand-up comedian, which producer-director Rex Bloomstein believes is virtually a Jewish invention, growing out of Yiddish vaudeville. "The humor has an underlying sharpness, an awareness of the pain present in all Jewish life," Mr. Bloomstein says.

Growing up in Stockton, Calif., in the 1940s and 1950s, Maxine Hong Kingston heard incredible tales of ghosts, demons, war, famine and adventure from her Chinese immigrant mother Brave Orchid. Today, Ms. Kingston has achieved international fame as a breakthrough writer.

The one-hour special *Maxine Hong Kingston: Talking Story* airing at 10:30 p.m. Friday is an intimate and personal look at the author's life and work.

Diversity Opportunities Calendar

Saturday, Dec. 1

Paul Robeson Cultural Center, 1 to 3 p.m., Robeson Center. Annual International Children's Christmas Party featuring Santa and the Three Bears. The University community is invited and asked to bring a donation for less fortunate children. Donations will be forwarded to the State College Area Food Bank.

Monday, Dec. 3

Women's Studies, 12:15 to 1 p.m., 12 Sparks. Women's Studies Student Affairs Committee discussion/lunch meeting. Office of Religious Affairs/Paul Robeson Cultural Center, 7:30 p.m., Robeson Center. Eyes On The Prize — Part II film/discussion. Film: "A Nation of Laws 1968-1971." Rev. Kenneth Clarke will lead discussion.

Wednesday, Dec. 5

Center for Women Students, noon to 1 p.m., 120 Bouck. Film/discussion: "Lifetime Commitment: A Portrait of Karen Thompson." Sabrina Chapman will lead discussion. Women's Studies, 3:30 to 5:30 p.m., 12 Sparks. Women's Studies Faculty/Advisory Committee meeting. All interested faculty invited.

ARL and Letterkenny Army Depot begin one-year study

The Applied Research Laboratory and Letterkenny Army Depot, Chambersburg, have begun a one-year, \$500,000 study of Letterkenny's painting facilities and parts manufacturing capability.

The Manufacturing Science Department of ARL will oversee the project that will use the expertise of five faculty members and four students from the Mechanical Engineering and Industrial and Management Systems Engineering departments. One of Letterkenny's main missions is maintenance, including maintenance of self-propelled howitzers, towed howitzers, the Hawk and Patriot missile systems, and trucks. The equipment is totally disassembled, blasted to remove paint and repair-welded. Engines, transmissions,

brakes, hydraulic systems, recoil and firing systems are completely rebuilt. The equipment is then reassembled and painted.

"Letterkenny does about 430 trucks, 100 self-propelled howitzers and 80 towed howitzers a year," says Mark Traband, ARL research associate, who is coordinating the program.

According to Mr. Traband, the Army currently is using special paint formulations called chemical agent resistant coatings, which are two-component catalyst paints. The paints use volatile organic compounds as solvents and emission of these VOCs are strictly regulated by the Pennsylvania Department of Environmental Resources and the U.S. Environmental Protection Agency.

"Letterkenny has reasonably modern equipment," says Andrew Vavreck, ARL research assistant and principal investigator of the project funded by the U.S. Army Material Commands READY 2000 Program. READY 2000's goal is to renovate U.S. Army depots.

"One goal of the project is to improve the painting operation and decrease VOC emission," Mr. Traband noted. "One way to decrease the VOC emission is to increase the transfer efficiency which decreases the amount of paint used per part."

"We also will be investigating the use of flexibly automated painting systems and the flow of parts through the painting operation to alleviate bottlenecks."

As part of the maintenance function,

Letterkenny also has extensive machine part capabilities. Penn State's engineering team will conduct a feasibility study for incorporating parts of the Navy's RAMP program at Letterkenny. RAMP, rapid acquisition of manufactured parts, is intended to provide a modern manufacturing facility the means to reduce the lead time in obtaining obsolete or hard to procure parts.

University faculty involved in the project are Robert J. Heinsohn, professor of mechanical engineering, and John W. Davis, associate professor; Inyong Ham, professor; Catherine M. Harmonious, assistant professor, and Deborah J. Medeiros, associate professor, Industrial and Management Systems Engineering.

Vice provost gets a new way of looking at Penn State

Harvard has given Vice Provost **Grace Hampton** a new way of looking at Penn State — not to mention the whole of higher education.

Dr. Hampton was selected as one of 95 senior administrators worldwide to participate in the Institute for Educational Management (IEM) this summer at Harvard's Graduate School of Education. "In addition to getting a good sense of what is happening nationally and internationally, what I came back with was a new way of thinking, a new way of analyzing issues, a new way of stepping back and looking at what people are saying," she says.

"After that experience, I carry an even higher regard for where I am and for the people with whom I work. I also realize that, although Penn State has issues to be addressed, there's no question that the University is regarded as a leader in American higher education."

Dr. Hampton was one of four persons selected by IEM faculty to make special presentations on strategic planning, cultural diversity, budgeting, and promotion and tenure.



Grace Hampton

"The IEM uses the case study approach, and it runs participants through the most intensive and stimulating intellectual gauntlet you can imagine," Dr. Hampton says.

Participants in the four-week session begin their group meetings at 7:30 a.m. and work through five to six case studies per day. Evenings are devoted to reading assignments, which are extensive.

This summer, IEM case studies focused on 11 broad areas: legal issues, curriculum, academic personnel policy, the balance between professional growth and private life, financial management, leadership and organization, marketing, negotiation and crisis management, cultural diversity, higher education and the political process, and trends, planning and evaluation in higher education.

One of the most useful exercises, Dr. Hampton says, was to compare the priority issues as determined by IEM participants to priorities listed by the Association of Governing Boards (AGB), the national association which represents some 30,000 college and universities regents and trustees.

"There was some interesting divergence," she notes. "Among external issues, the IEM ranked demographic trends first in importance; the AGB ranked it 17th. Among internal issues, the IEM ranked

strategic planning first; AGB ranked it sixth. The IEM ranked state funding fourth, AGB 11th."

"Clearly," she adds, "administrators and trustees view issues through a different set of lenses."

Dr. Hampton came to Penn State in 1985 as director of the School of Visual Arts and as professor of art and art education. Previously, she had been an assistant director of the Expansion Arts Program at the National Endowment for the Arts.

In 1986, she was promoted to vice provost of the University, with responsibilities for facilitating and monitoring academic personnel matters and liaison with the University Faculty Senate.

She joins a long line of Penn State administrators selected for the prestigious IEM in years past: John Lilley, provost and dean, Penn State Erie, The Behrend College; Richard Grubb, senior vice president and dean, Commonwealth Educational System; Nancy Tischler, director, Summer Sessions; Thomas Eakin, assistant vice president for student programs, and others.

Obituaries

Hai-Sup Lee, professor of electrical engineering, died Nov. 1. He was 60.

Dr. Lee joined the electrical engineering faculty in 1958 and was promoted to professor in 1971.

He received his bachelor's degree in electrical engineering from Meiji University, Tokyo, in 1953; his master's degree in electrical engineering from Penn State in 1958, and his doctorate in electrical engineering from Penn State in 1962.

He was a senior member of the Institute of Electrical and Electronic Engineers and a member of the International Union of Radio Science. A member of Sigma Xi and Pi Mu Epsilon, he was the author of numerous publications dealing with electrical engineering.

Memorial contributions may be made to

the H.S. Lee Memorial Scholarship Fund, 101 Hammond, University Park.

Kathryn C. Doland, secretary in the College of Agriculture, from Nov. 1, 1964, until her retirement May 1, 1981, died Nov. 3 at the age of 74.

Search

Continued from page 1.

The committee will submit a list of candidates to the president and participate in the final interview schedule. The name of the top candidate must be forwarded by President Thomas to the Board of Trustees for approval.

Nurses ratify new bargaining agreement

Nurses employed by the University at student health facilities at University Park and other campuses overwhelmingly have ratified a new collective bargaining agreement with the University. The Pennsylvania Nurses Association represents the bargaining unit consisting of approximately 45 employees.

The Association announced the decision Nov. 9 following a count of ballots submitted by nurses with their votes to accept or reject the offer made by the University.

The agreement extends the current contract through Sept. 30, 1992, and provides a 4.8 percent salary increases each year effective July 1 and July 1, 1991, plus some internal salary adjustments. Other negotiated conditions of the agreement provide the changes in the University's

health-care provisions and other modifications in working conditions that were extended to other University employees.

Billie Willis, assistant vice president for human resources, said that she was pleased that the negotiations had concluded successfully with the acceptance of the agreement by the nurses.

Carpooler

Tammy is looking for a fourth rider to join her carpool from Philipsburg to University Park. Work hours are 8 a.m. to 5 p.m. Call 865-7521.

Sparks

Continued from page 1.

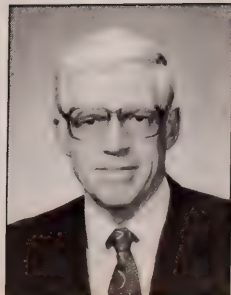
In 1986, Dr. Schmalstieg was an exchange Fulbright scholar at the Institute of Lithuanian Language and Literature in Vilnius, Lithuania.

The Sparks Professorships, named in honor of the University's eighth president (1908-1920), have been established in the disciplines of history, English, French, German, Spanish, ethics in philosophy, Slavic languages and rhetoric in speech communication. Each professorship requires \$250,000 to be endowed.

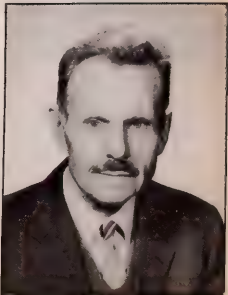
In 1985, the NEH pledged up to \$1 million to the College of the Liberal Arts for faculty endowments, provided the college could obtain \$3 million from private sources within four years.



Thomas W. Benson



Gerard J. Brault



William R. Schmalstieg

Private Giving to Penn State

Scholarship endowed for physically disabled

An alumni couple, **Jason C. and Martha Lee Stone** of Wellesley Hills, Mass., have committed \$100,000 to endow a scholarship for physically disabled students at the University.

The award will benefit financially needy students who have serious mobility limitations or a loss or serious impairment of vision or hearing.

"This is the largest scholarship to be established at Penn State for physically handicapped students," Brenda Hameister, coordinator of the Office for Disability Services, said. "We're especially pleased

that the Stones have made students at all of our campuses eligible for these awards."

Ms. Hameister said the University has three other endowed scholarship funds for students with physical disabilities. About 800 identified disabled students are enrolled annually at 23 Penn State campuses.

The Stones said they were inspired to create the scholarship by the extraordinary life struggle of their close friends and fellow alumni, Solveig and Frederick Dietz of Yorba Linda, Calif. Mrs. Dietz contracted polio in 1956 and since that

time has depended on an electrically assisted breathing device.

Jason Stone, who graduated from Penn State in 1951 with a bachelor's degree in agricultural engineering, is a general agent with Northwest Mutual Life Insurance Co. in Boston. Martha Lee Stone earned a bachelor's degree in home economics in 1952.

Frederick and Solveig Dietz graduated from Penn State in 1951 and 1954, respectively. As undergraduates, Mr. Stone and Mr. Dietz were members of Sigma Chi fraternity.

Museum campaign

The Palmer Museum of Art has announced the start of a campaign to raise the final \$300,000 necessary to build the proposed addition to the museum.

Construction of the \$5.6 million addition that will nearly double the size of the museum is planned to begin in March, 1991. To date, \$5.3 million has been raised from private sources for the addition. The campaign's goal is to raise the remaining funds by the end of 1990.

The proposed addition was designed by Charles Moore of Austin, Texas, who is one of the founders of the post-modern movement in American architecture.

The addition will include 10 galleries, a 150-seat auditorium, an expanded receiving and shop area, art storage space, a new museum store, a kitchen and a two-story lobby that also can be used for receptions and other public functions.

Nine of the 10 galleries will house the museum's permanent collection with the 10th being used for temporary exhibitions. The permanent collection galleries will include art according to the following groupings: ancient to Renaissance, Baroque, 19th-century European, prints and drawings, non-Western, American, American works on paper, contemporary art and contemporary ceramics.

Opened in 1972, the Palmer Museum of Art is the largest art museum between Pittsburgh and Philadelphia.

Scholarship endowed

The Clark Construction Group, OMNI Construction Inc., and the George Hyman Construction Co., all of Bethesda, Md., have endowed an engineering scholarship at Penn State in memory of Charles A. Merica.

Mr. Merica, an associate professor of architectural engineering at the time of his death, had been a vice president at the George Hyman Construction Co. prior to joining the Penn State faculty.

The three companies provided initial funding of \$15,000 for the scholarship and will provide additional contributions annually to ensure full funding for scholarship recipients.

To buy geophysical data

Walkers make gift of \$100,000

Ray S. Walker, founder and retired president of Bradford Coal Co. of Bigler, and his wife, Louise, have given \$100,000 to the Earth and Mineral Sciences Library.

The gift will be used to purchase geophysical data in compact disc format for the library, a branch of the University Libraries.

Compact disks can store many times more data than regular floppy disks, making them extremely valuable for researchers in the geosciences, according to Salvatore Meringolo, assistant dean and head, collections and references services.

"We're facing a virtual explosion in digitized information," he said. "For example, the entire earth has been digitally mapped by satellite, giving us a tremendous amount of new data. The challenge to librarians is to make this data available to our patrons."

"The Walkers' generosity will help us to

meet that challenge. The additional data that we can offer on compact disks should be a significant asset to the Libraries and to the students and faculty in our College of Earth and Mineral Sciences."

Ray Walker, a Bigler native, earned a bachelor's degree in commerce and finance from Penn State in 1935. That same year he entered the coal business, first as a broker and then as a producer. Bradford Coal Co., which he established in 1940, is now one of the 10 largest bituminous coal producers in Pennsylvania.

He and Louise Walker also are well known for their interest in Clearfield County charitable and civic organizations, including the Boy Scouts, the YMCA and Little League baseball.

The Walkers are longtime friends of Penn State and have been significant benefactors of the arts and the Penn State DuBois Campus.

Amoco grants

The Amoco Foundation has made a series of grants totaling \$63,000 to support a variety of engineering and business programs at the University.

The Chicago-based foundation designated its largest grant, \$40,000, to support research at the C. Drew Stahl Center for Enhanced Oil Recovery. The center, in the College of Earth and Mineral Sciences, studies techniques for increasing the productivity of oil wells. The Amoco Foundation, which donated \$200,000 to the center over the last five years, is the center's largest corporate supporter.

The foundation also designated \$9,000 for a doctoral fellowship in polymer science and \$6,000 for graduate fellowships for master's degree candidates in petroleum and natural gas engineering.

It designated \$4,000 for scholarships for minority students in the fields of petroleum and natural gas, chemical or mechanical engineering. Students must be U.S. citizens and show academic promise to be eligible for any of the awards.

The remaining \$4,000 will support activities at the Center for Issues Management Research in the College of Business Administration.

Endowment created

Paul M. Kossman, president and director of Kossman Development Co. et al. of Pittsburgh, has given \$100,000 to the Department of Architecture to create the Paul M. Kossman Endowment for Excellence.

The endowment makes possible the continuation of the Paul M. Kossman Senior Design Award, which has been given annually since 1985 to a graduating architecture student for design excellence in the fifth-year thesis project. The \$2,500 award is for domestic or international travel to support a student's continued study of architecture.

The endowment also creates The Kossman Lectures, an annual series for architecture and architectural engineering students and faculty. The series will bring to the University Park Campus outstanding researchers, practitioners, scholars and teachers who are experts of reputation in their fields of architecture.

"I was convinced by the architecture faculty that the lecture series is important in the education of young students going into architecture," Mr. Kossman said. "It's beneficial to the profession of architecture."

The first Kossman Lecturer will be Francesco Del Co., director of the Venice Biennale in Venice, Italy, who will be at University Park Nov. 2 and 3.

Mr. Kossman is a 1949 Penn State graduate with a degree in architectural engineering. His firm specializes in construction and real estate development and provides complete services to clients from design to construction to rental management.



New Creamery courtyard

Construction of a new Creamery courtyard, a gift of the Class of 1990 to the University, is under way on the east side of the Creamery building at University Park. The gift of the Class of 1991 will be a cafe-style seating area on the west side of the Creamery building. (Photo: Greg Grieco)

News in Brief

U.S.-China relations lecture

Thomas Fingar, director of Analysis for East Asia and the Pacific at the Bureau of Intelligence and Research, U.S. Department of State in Washington, D.C., will lecture on "The State of Play in Chinese Politics and U.S.-China Relations" at 7 tonight in 214 Boucke Building at University Park.

The lecture is sponsored by the Center for East Asian Studies and the East Asian Studies Society.

WISE Forum

The WISE Forum will hold a brown bag lunch and roundtable discussion on "What's Happening to Support Women in the Sciences and Engineering" at noon Friday, Nov. 30, in 301 Hetzel Union Building at University Park.

WISE stands for Women in the Sciences and Engineering. The Forum is for anyone interested in supporting and encouraging women in science, engineering, and technology. It offers an opportunity where people (especially women) in scientific/technical professions and majors can meet each other, network, discuss issues, and share ideas.

Sigma Xi initiation ceremony

The Penn State Chapter of Sigma Xi will hold its annual initiation and promotion ceremony at 4 p.m. Friday, Nov. 30, in the Assembly Room of the Nittany Lion Inn at University Park, with a reception to follow in the Fireside Lounge. The featured speaker will be Robert K. Selander, Eberly professor of biology. All members are welcome.

Phi Beta Kappa Founders Day

All faculty and staff who are members of Phi Beta Kappa are invited to attend Lambda Chapter's annual Founders Day reception from 4 to 6 p.m. Sunday, Dec. 2, at the Atherton Hilton Hotel.

Phi Beta Kappa Honors Thesis Awards will be presented to four University Scholars during the reception. For more information about the chapter, contact chapter officers: Carol Gay, president; Martha Kolln, secretary; Gabriele Michels, treasurer; Catherine Carter, historian; and Judy Kelly and Judd Arnold, directors.

Lecture series

Award winning writer and journalist R.W. Apple Jr. will continue the 1990-91 Penn State Harrisburg Lecture Series at 8 p.m. Sunday, Dec. 2, at the Hershey Theatre.

Brown Bag Lunch Series

The Center for Women Studies concludes its fall lecture series with the film "Lifetime Commitment: A Portrait of Karen Thompson" at noon Wednesday, Dec. 5, in 120 Boucke Building at University Park.

The film explores the relationship of

Ms. Thompson and her struggle to care for Sharon Kowalski, who was injured and disabled. The film traces Ms. Thompson's transformation from a closet lesbian to a leading activist for gay couples and the disabled.

The lecture is part of the Center's Brown Bag Lunch Series. For more information, call 863-2027.

Returning Adult Student Center

The Returning Adult Student Center is sponsoring a program for adult learners titled "Financial Empowerment-Gaining Control Over Your Personal Finances" at 6 p.m. Wednesday, Dec. 5, in 329 Boucke Building at University Park.

The program will focus on awareness of spending/saving patterns; tips on budgeting; overview of investments, insurance, home buying programs, and automobile purchase plans; discussion on adjusting to and surviving with a limited income.

For further information, contact the Returning Adult Student Center at 863-3887.

Educational Office Personnel meeting

Charles M. Super, head of the Department of Human Development and Family Studies, will speak on "Completing the Circle: Staff Evaluation of the Office Climate" at a meeting of the Penn State Chapter of Educational Office Personnel at 12:10 p.m. Thursday, Dec. 6, in Room 110 Henderson Building at University Park.

The Penn State Chapter of Educational Office Personnel is a professional organization whose membership consists of staff, staff non-exempt, clerical and technical services employees. For information, call Sharon Rolley, president, or Lois Summers, membership chair, at 863-2211.

Research in Conflict and Negotiation

Howard Raiffa of Harvard University will speak on "International Negotiations on Global Climate Change" at 2:30 p.m. Friday, Dec. 7, in 115 Beam Business Administration Building at University Park.

The seminar is sponsored by the Center for Research in Conflict and Negotiation and the Department of Management Science, Smeal College of Business Administration. For more information, contact Mary Tien, 310 Beam, 865-0197.

Pattee Library entrance

In order to improve handicapped services and relieve congestion at the entrance of Central Pattee Library, the entrance at the ground floor, West Wing of Pattee Library, has been reopened. The hours of operation for this entrance will be Monday through Friday from 10 a.m. to 5 p.m., when classes are in session.



Penn State People

Jackie Peagler

Since August 1989, Jackie Peagler has been the Earth and Mineral Sciences library assistant. Located in 105 Delke Building at University Park, the EMS Library is a branch of the University Libraries. Ms. Peagler manages all of the technical operations of the library and supervises a staff of 27 two full-timers, two part-timers and 23 students. The library has an extensive reference collection, including more than 800 periodicals. "It's challenging trying to find answers to the questions people ask," Ms. Peagler says. Working with the public - solving problems and answering questions - makes the job enjoyable, she adds. A member of the Libraries staff since 1984, she previously worked in the Bibliographic Resources Services Division in Pattee Library.

(Photo: Greg Grieco)

Faculty Senate News

The University Faculty Senate will meet at 1:30 p.m. Tuesday, Dec. 4, in Room 112 Kern Graduate Building at University Park.

Items to be discussed at the Dec. 4 meeting:

- NCAA Legislative Proposals-1991 Convention
- Status of Department of General Services Construction Programs
- Legislation to Establish the University Subcommittee on Cultural Diversity in the Curriculum
- Campus Crime Security Act
- Resolution on Travel Service Policies
- Progress Report on Task Force on Undergraduate Education

Items discussed at the Nov. 6 meeting:

- Summary of Reserved Spaces Data at University Park
- Summary of Penn State's Continuing Education Activities
- Annual Report on Extended Degrees
- Proposed Changes in Travel Service Policies
- Annual Report of the President's Planning and Budget Advisory Committee
- Summary of the Work of the Presidential Search and Screen Committee
- Comments Concerning Work of the Trustees Selection Committee

Focus on the arts

Diversity of Dance

At 8 p.m. on Nov. 29 and 30 more than 100 dancers will join together to present the second annual Diversity of Dance Concert at the Playhouse Theatre at University Park.

The performance, sponsored by the College of Health and Human Development and the Paul Robeson Cultural Center, will showcase six dance companies, all of them associated with the University and all focusing on different styles of dance.

Tickets are \$5 for students and \$7 for general admission and are available in advance at the Eisenhower Auditorium Ticket Center (863-0255) or at the Playhouse Box Office before the performances.

'A Christmas Carol'

The University Readers will present faculty adviser Tony Lentz in his 12th annual one-man performance of Charles Dickens' "A Christmas Carol" at 8 p.m. Friday and Saturday, Nov. 30 and Dec. 1, in the Nittany Lion Inn Fireside Lounge.

The free performance is co-sponsored by the Readers and the Speech Communications Department. Refreshments will be available before the performance.

The performance will be repeated at 8 p.m. Sunday, Dec. 9, in the Boal Mansion in Boalsburg, where donations for the mansion will be accepted.

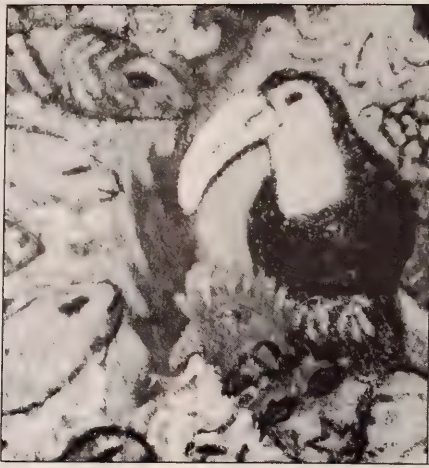
Dr. Lentz, who teaches the oral performance of literature and readers theater, was inspired as a freshman at the University of North Carolina by a reading of the classic Christmas story by Professor Earl Wynn. When he began teaching at Wingate College in 1978, he adapted his own two-hour version of the story and performed it in honor of Professor Wynn.

Dr. Lentz has performed the story at Penn State since 1980 with a dedication to the late Professor Wynn "and all the spirits of Christmas."

The arts on Channel 3

One hundred gifted young singers representing more than 90 cities in 38 states perform a program of all-American music in *Fred Waring's U.S. Chorus 1988: United We Sing* airing at 12:30 p.m. Sunday, Dec. 2, and at 10 p.m. Tuesday, Dec. 4.

The program includes a special tribute to Richard Rodgers (a long-time friend of Mr. Waring), songs about the joys of summer



'Encounter at Sea' by Florence Pufferman is on display through Jan. 13 in the Palmer Museum of Art.

such as "Under the Boardwalk," "Surfing USA," "Where the Boys Are" and "Summertime, Summertime," and Mr. Waring's favorite spirituals and patriotic tunes: "I Hear a Voice a' Praying," "Swing Low, Sweet Chariot," "You're a Grand Old Flag" and "God Bless America."

There are many famous streets in American music including 125th St. in Harlem, Maxwell Street in Chicago and Vine Street in Kansas City. In the South, the sound that would have the greatest impact on American popular entertainment was created in Memphis by musicians on Beale Street. *All Day and All Night* airing at 2:30 p.m. Sunday, Dec. 2, captures the lifestyles of musicians who performed on Beale Street from the 1920s to the 1950s, when being on Beale Street was like "living in paradise."

Pattee exhibit

An exhibit titled "The Essential West: A Collection of Photography 1988-1990" is on display in the East Corridor Gallery of Pattee Library through Dec. 15.

Mr. Peters is an authority on monotypes and is known throughout the Baltimore-Washington, D.C., area for his complex experimental works in this medium. He is a faculty member at the Maryland Institute College of Art in Baltimore where he teaches printmaking.

"The Essential West" display, a joint effort by Penn State juniors Jason Knievel and Mike Mutmansky, features both panoramic views and detail studies that are the photographers' interpretation of the western United States.

New video

Magnificat (51146.VH), a new video now available from Audio-Visual Services, captures the spirit of Bach's most joyous work, in an extraordinary contrast of styles featuring a traditional version performed by Tafelmusik and the Tudor Singers, crosscut with a jazz version featuring Bobby McFerrin, Ann Mortifee, and the New Swingle Singers.

The program is available at no charge to University faculty and staff members for classroom use. At University Park, call 865-0913 for more information and to make arrangements for a preview showing. At a Commonwealth Campus, contact the campus instructional services specialist for ordering procedures.

'Saint Nicholas'

Choral groups and instrumentalists from the School of Music will perform Benjamin Britten's Christmas cantata "Saint Nicholas" and other holiday selections at 7 p.m. Sunday, Dec. 2, in the Recital Hall of the Music Building at University Park.

Tenor Richard Kennedy, assistant professor of music, will sing the part of Nicholas and the Penn State Women's Chorus, Penn State Glee Club and members of the Knights and Squires will perform the

choral parts.

School of Music faculty members William Tilghman and Timothy Shafer, piano, June Miller, organ, Joanne Zagst, violin, Raymond Page, viola, and Leonard Feldman, violoncello, will perform as the orchestra.

In addition, the Women's Chorus, conducted by Elizabeth Hinkle, doctoral student in music education, and the Glee Club, conducted by Bruce Trinkle of the School of Music faculty, will perform seasonal selections by Kodaly and Tallis. The Keynotes, an ensemble from the Women's Chorus, also will perform.

Jazz ensembles

The Inner Dimensions and Outer Dimensions Jazz Ensembles from the jazz program of the School of Music will perform at 8 p.m. Monday, Dec. 3, in the Recital Hall of the Music Building at University Park.

The first part of the program will be performed by Outer Dimensions and will include selections by Bob Florence, Pete Christlieb and others.

The ensemble is under the direction of Howard Lamb, who was lead trombonist with the Navy Commodores Jazz Band, and features soloists Mike Pistone, Rob Ford and Keith Watson.

The latter half of the program will be performed by Inner Dimensions, under the direction of Jeff Kunkle. The ensemble will play selections by Bob McConnell and John Fedchock, among others.

German Christmas

The Department of German is sponsoring a Christmas celebration of traditional German Christmas songs, poetry and music at 8 p.m. Tuesday, Dec. 4, in the Hetzel Union Building Fishbowl at University Park.

The public is invited to participate in singing Christmas songs, including "Der Kinderlein Kommet," "O Tannenbaum," "Stille Nacht, Heilige Nacht" and "O du froehliche." The program also will include readings, in German, of poems and the Bible's account of the birth of Christ, as well as musical selections by vocal soloists Sue Stevenson and Barbara Hess, accompanied by Cynthia Mills on piano and Carl Volz on violin.

Odyssey on WPSU

In 16th-century France, two women poets addressed their poems to "the Ladies of Lyons," establishing a relationship between poet and writer that was "so intimate and mysterious that you have to call it communion," says Christine Clark-Evans on the next episode of "Odyssey Through Literature."

Poets Louise Labé and Perné Du Guillet wrote poems for other women who then became "the companion to that text, read that text, and as the Renaissance view of influence is expressed, 'digested' that text, and then wrote another one." The result,

Please see 'Arts' on page 11.

The arts at...

Penn State Harrisburg

Penn State Harrisburg will exhibit the art works of Sam Peters in the Gallery Lounge from Dec. 3 to Jan. 25. The exhibit features some of Mr. Peters' most recent works and will include 18 different monotype prints, collages and screen prints.

University Park Calendar

November 29--
December 9

Special Events

Thursday, November 29

Bach's Lunch concert, 12:10-12:30 p.m.
Eisenhower Chapel, Penn State Flute Ensemble
URTC, 8 p.m., Pavilion Theatre, "Butterfingers"
Angel, Also Nov. 30, 8 p.m.; Dec. 1, 2 and 8 p.m.

Friday, November 30

WISE Forum, Brown Bag Lunch/discussion, noon-1 p.m., 301 HUB, "What's Happening to Support Women in the Sciences and Engineering."
Geog. Coffee Hour, 4 p.m., 310 Walker, George Beatty on "Following Linnaeus' Path in Lapland."

Shaver's Creek, Owl Prowl, 7-9 p.m., Call 863-2000.
School of Music, 8 p.m., Schwab Aud. Christmas concert, Penn State Philharmonic.

Saturday, December 1

Shaver's Creek, wreathmaking workshop, 1-4 p.m. Also Dec. 2, Call 863-2000.
School of Music, 7 p.m., HUB Ballroom.
Symphonic Band concert.

School of Music, 8 p.m., Eisenhower Aud. Christmas concert, University and Concert choir.

Sunday, December 2

"Handel's 'Messiah' sing-along, 3 p.m., Eisenhower Aud.
School of Music, 7 p.m., Recital Hall, "Saint Nicholas" by Benjamin Britten, University Glee Club and Women's Chorus.
Carnegie Hall Film Series, 7 p.m., *The Redskins Moment* (1949); 8:30 p.m., *Wings of Desire* (1988), 203 Willard. Free.

Monday, December 3

"Comp. Lit. Luncheon, 12:15 p.m., 101 Kern. Seong-Kon Kim on "Recent Western Literary Theory and Oriental Philosophy."
Women's Studies Student Affairs Committee, 12:15-1 p.m., 12 Sparks.
School of Music, 8 p.m., Recital Hall, Jazz II and III.

Tuesday, December 4

Dept. of Art History, lecture, 8 p.m., 112 Walker, Richard Brilliant, Columbia Univ., on "A Guide for the Perplexed Interpreter."
Dept. of German, 8 p.m., HUB Fishbowl, Christmas celebration: traditional German Christmas songs, poetry, music.

Wednesday, December 5

Center for Women Studies, Brown Bag Lunch Series, film/discussion, noon-1 p.m., 120 Boucke, "Lifetime Commitment: A Portrait of Karen Thompson."

Women's Studies Faculty/Advisory Committee meeting, 3:30-5:30 p.m., 12 Sparks.
Gallery talk, 8 p.m., Palmer Museum of Art, Florence Puttermann, artist.
School of Music, 8 p.m., Recital Hall, Student Composers' Concert.



The Penn State Philharmonic Orchestra will present its annual Christmas concert at 8 p.m. Friday, Nov. 30, in Schwab Auditorium.

Thursday, December 6

Careers in the Arts, 10:11-11:30 a.m., Palmer Museum of Art, Pier Bandini on "Computers in Architectural Design."
Bach's Lunch Concert, 12:10-12:30 p.m., Eisenhower Chapel, Voice students of Suzanne Roy; Christmas music.

Penn State Chapter of Educational Office Personnel, 12:10 p.m., 110 Henderson, Dr. Charles M. Super on "Completing the Circle: Staff Evaluation of the Office Climate."
School of Music, 8 p.m., Schwab Aud. Holiday Sounds in Brass and Voices.

Friday, December 7

"Geog. Coffee Hour, 4 p.m., 319 Walker, Kris Kringle, United Nations Univ., on "Global Patterns of Reciprocity."
Center for the Performing Arts, 8 p.m., Eisenhower Aud. "The Nutcracker" Pittsburgh Ballet Theatre. Also Dec. 8, 3 p.m.

Saturday, December 8

School of Visual Arts, 9 a.m.-4 p.m., Chambers Gallery, Saturday morning art school open house.

Sunday, December 9

Shaver's Creek, members holiday party, 2-4 p.m., Call 863-2000.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5:30-6:30 p.m.; Saturday and Sunday, 5-6 p.m. Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m. "Odyssey Through Literature," 12:30 p.m. Wednesdays: with S. Leonard Rubinstein.

Conferences

Continuing Education

Keller Building

Nov. 29-30, Building a Better Bottom Line: Cost

Estimate Analysis and Control, Deborah Klevans, chair; Donna Ricketts, coordinator.
Nov. 30-Dec. 1, "The New Europe and U.S. Interests," Trond Gilberg, chair; Jack Sinclair, coordinator.

Dec. 3, Arts in Education Conference, Carole Brandt, chair; Jerri Milsom, coordinator.
Dec. 3, Well Control Refresher Course, Stanley Supon, chair; Norm Lathbury, coordinator.

Seminars

Thursday, November 29

Physics Colloquium, 3:30 p.m., S5 Osmond Lab, Allons Weber, National Institute of Standards and Technology, on "High Resolution Spectroscopy: Dimers, Trimers, and Tunneling."

Ecology, 3:45 p.m., 110 Warkit, Kay Shuttleworth on "Toxicity and Sorption of Heavy Metals to Filamentous Bacteria."
Gerontology Colloquia, 4:45 p.m., 100 Mitchell, Louis Burgio, Univ. of Pittsburgh, on "Behavioral Interventions for Urinary Incontinence in the Nursing Home."

Friday, November 30

Polymer Science, 9 a.m., 301 Steidle, Russell Compoto.
Computer Science, 4 p.m., 325 Whitmore Lab, Nancy Lynch, Massachusetts Institute of Technology, on "Some New Results in the Theory of Real-Time Computing."

Monday, December 3

Center for Acoustics and Vibration, 3:45 p.m., 232 Hammond, Vibrations and Machinery Noise Technical Group seminar.
EPF, 4 p.m., 339 Davey Lab, Dr. George Hou, Switzerland, on "Direct CP Violation in Charmless B Decays."

Tuesday, December 4

Chemical Engineering, 2:45 p.m., Paul Robeson Cultural Center Aud. J.L. Duda on "A Chemical Engineering View of Tribology"
Condensed Matter Physics, 4 p.m., 339 Davey

Lab Dr. Eric Mazur, Harvard, on "Light on Surfaces and Monolayers."

Wednesday, December 5

Accounting and MIS Research Colloquium, 3:30-5:30 p.m., 333 Beam, Robert Lipke, Univ. of Michigan, on "Additional Evidence on the Relation Between Stock Returns and Accounting Earnings Given Alternative Information."

Condensed Matter Physics, 4 p.m., 339

Davey, Dr. Young Kuk, AT&T Bell on "Carrier Dynamics on Silicon and/or Silicide Surface and Interface."

Thursday, December 6

Physics Colloquium, 3:30 p.m., S5 Osmond Lab, Paul Stenhardt, Univ. of Pa. on "The Inflationary Universe."

Friday, December 7

"Center for Research in Conflict and Negotiation, 2:10 p.m., 115 Beam, Howard Ratliff, Harvard on "International Negotiations on Global Climate Change."

Exhibits

Chambers Gallery

Undergraduate Prints and Books, through Nov. 30.

HUB Galleries

Browsing Gallery, Rosemary Geseck, through Dec. 1.

Art Alley Panels/Cases

Seminar for the Professional Development of Visual Artists, through Dec. 1.

Formal Galleries:

"Jack Delano, Craftsman: 40 Years of Change and Continuity in Puerto Rico, through Dec. 2. Central Pennsylvania Village Crafts Inc., Dec. 3-Jan. 3.

Palmer Museum of Art

"The Save River: A New History, through Dec. 21. Florence Puttermann: A 20-Year Venture, 1970-90, through Jan. 13.

Pattee Library

East Corridor Gallery: The Essential West: A Collection of Photography 1988-90, through Dec. 15.

Rare Books Room:

Christmas Materials from the Allison-Shelley Collection, through Jan. 1.

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are listed in the front of the telephone directories. Other messages are: Weather-234, Arts Line-345, University Calendar-456.

*Reflects an international perspective

Bookshelf

Libby Goodman, assistant professor of special education at Penn State Great Valley, is the author of *Time and Learning in the Special Education Classroom*, published by State University of New York Press.

Her book focuses on elementary special education, where there has been far less published on the effective use of

instructional time than in regular education.

"Time is a limited resource," she says. "People have been aware of the time factor in learning for a long while, but time was often thought of only as a background variable. Today, instructional time and how it is used are understood to be essential and

key variables related to student achievement and performance."

Dr. Goodman earned her master's and doctoral degrees in special education from Temple University. Prior to joining Penn State, where she has taught for 10 years she spent 15 years in special education in Radnor and Philadelphia school districts.

Holiday Shopping Guide

'Horatio's'

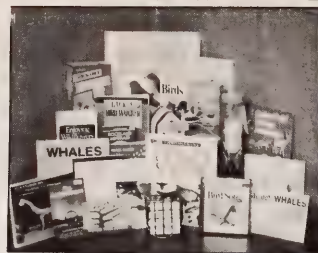
Shaver's Creek Environmental Center, nestled in the woods of Rothrock State Forest, has more than 25 miles of hiking and skiing trails to explore while discovering the wonders of the natural world. The Center also offers another item to be discovered, "Horatio's," a unique book and gift shop which carries nature-related items for all ages on your holiday gift list.

For individuals who enjoy watching birds and providing winter food for them, "Horatio's" offers a wide variety of birdfeeders and bird accessories which provide hours of close-up bird watching. Choose from both Droll Yankee and Aspect models. Blue Devil bird bath heaters, blue bird houses, hummingbird feeders, and metal and mesh suet feeders.

Once the feeder is in place, a perfect gift to accent its use would be an identification guide. "Horatio's" carries *The Peter-on First Guide to the Birds: Peterson's Eastern Birds*, *The National Geographic Society Field Guide to North American Birds*, *Donald Stokes's A Guide to Bird Behavior*, and many more.

"Horatio's" also carries books on natural history topics: wildflowers, fish and oceans, reptiles and amphibians, insects and spiders, mammals, astronomy, geology and environmental issues.

For the individual on your list who enjoys outdoor activities, you'll discover books about hiking, canoeing,



non-competitive games and how to share nature with children. Gardeners can pick up a bushel of helpful hints about creative gardening, herbs, wild edibles, composting and effective use of space. Classic books by environmental educators and philosophers also can be found at the store.

For educational gifts for children, choose from a wide variety of field guides, coloring books, storybooks, activity books and question and answer books.

Other holiday gift ideas include: bug boxes, hand lenses

to observe insects, water dwellers and wildflowers; Shaver's Creek and Raptor Center T-shirts, bird song recordings, compasses, bird mobiles and dinosaur model kits.

Shaver's Creek offers a nontraditional gift idea: choose from both our membership or Adopt-A-Bird programs.

The Center is dedicated to education, service and research in the fields of recreation and parks and environmental education. Your membership dollars help to support the enhancement of the trails, expansion of the exhibit room and interpretive programs, internships for aspiring environmental educators and naturalists, and the operation of our Birds of Prey Rehabilitation facility.

As a member, you will receive: seasonal newsletter, Shavings: seasonal program guide; special member programs: reduced fees on public programs; discounts on purchases made at "Horatio's"; free admission to the Center; and the satisfaction that comes from expressing a personal environmental ethic.

Shaver's Creek is proud to have one of the few Birds of Prey Rehabilitation facilities in Pennsylvania. By adopting one of the resident injured birds of prey, you will be contributing to the food and care cost for the bird. You will receive a color photo of the bird you have adopted and an official adoption certificate.

"Horatio's" is open seven days a week from 10 a.m. to 5 p.m. The last day the store will be open before Christmas is Dec. 20.

Independent Learning

Give the one gift that's truly Penn State: knowledge. With a gift certificate from Penn State Independent Learning, you're offering the opportunity to choose from more than 300 credit and credit-free courses.

Stamp collecting, calligraphy, community theater, computers, plant cultivation, French and the history of Pennsylvania are among the courses available. Someone you know has a favorite subject, and you'll find it in the free Independent Learning catalog.

Faculty and staff and their eligible dependents receive tuition grants-in-aid (75 percent).

For details, stop by the Independent Learning office at 128 Mitchell Building, or call 865-5403 and ask about "The Gift of Knowledge."

White Golf Shop

The White Golf Shop will be open for Christmas shopping daily from 7 a.m. to 6 p.m. The shop will close at noon on Dec. 24.

The shop has everything needed for a round of golf.

There is a large variety of golf items to please any taste. Golf club assembly, club repair, gift certificates, memberships and other golf services will be available throughout the remainder of 1990, as well as in the new year.

As usual, there will be special sale tables, with many items discounted.

For more information, call the White Golf Shop at 865-6231.

In the interest of making holiday shopping easier, INTERCOM presents its 11th annual listing of gift ideas that are available at University Park. The holiday shopping guide was compiled by the INTERCOM staff and Carolyn Juskelis and Tricia Smith.

Blue Band

The following items are available from the Penn State Blue Band and can be purchased at the Penn State Bookstore on campus, the Student Book Store on College Avenue and McLanahan's Penn State Room on Garner Street:

Blue Band Video -- 30-minute cassette of Pregame, including the famous flip and halftime highlights; produced by WPSX-TV; \$25

New audiotape "Here's Big Blue" -- Includes school songs and halftime favorites; \$8.50

Postcards -- Five for \$1

Center for the Performing Arts

This holiday season, do your shopping with the Center for the Performing Arts and avoid the what-to-give blues. The Center has a creative gift idea that's perfect for everyone.

New this year, the Center is offering gift certificates that can be purchased for any amounts and used for any of the Center's spring performances.

To purchase gift certificates, call 863-0255 or stop by the Eisenhower Auditorium Ticket Center. Your gift, either cash, check or major credit card, is placed in an account for the recipient. You can either give the gift certificate and a season brochure to that person or have the Ticket Center mail them for you. Recipients can buy tickets from among 16 performances.

The shows range from the subtly dramatic to the boldly spectacular. Always popular and sure to be a sell-out, the New York City Opera National returns with Mozart's *The Marriage of Figaro*. Coming up in the Mozart festival are the Mozartean Players with Steve Lubin on fortepiano and renowned pianist Malcolm Bilson.

Music fans may favor a free-spirited session with Ladyship Black Mambazo, the 10-man, Grammy-winning group from South Africa. Later in the spring, listen for the hot sounds and driving beat of the Tito Puente Latin Jazz Allstars.

Classical music choices include the Philadelphia Orchestra, with Yuri Temirkanov as guest conductor. Christopher Parkening will add his classical guitar magic to the sounds of the Scottish Chamber Orchestra.

The Center also brings Broadway to University Park

with "Into the Woods." Steven Sondheim's musical that brings together fairy tale characters to explore what really happens "happily ever after," and "The Sound of Music." Rodgers and Hammerstein's timeless classic.

Also scheduled are an evening with Spalding Gray, preceded a day earlier by a showing of his film "Swimming to Cambodia," the choreography of Bill T. Jones/Air Zane and Co. dance troupe and the American Indian Dance Theatre. Other dance events include "A Midsummer Night's Dream" from the Pittsburgh Dance Theatre and the Feld Ballets from New York.

For children, there are shows like "The Little Prince," a musical based on A. de Saint Exupéry's book, and the Chestnut Brass Company's presentation of "Hot Air: The Story of Brass Instruments." The amount expires in June, and refunds will be given for unused amounts under \$10.

Christmas tree sale

The Penn State Forestry Society is having its annual Christmas tree sale. Scotch pine trees ranging from four to seven feet in height are available. The cost is \$4 per linear foot (\$24 for a six-foot tree), plus \$4 for delivery on and off campus.

Deliveries will be made as soon as possible after ordering begins. Trees also can be picked up at the Ag Arena from 1 to 5 p.m. on Dec. 2 and 9. Orders will be accepted through Dec. 4. Call 237-5673.

Gifts available at University Park

Palmer Museum of Art Museum Store

Located in the lobby of the Palmer Museum of Art on Curtin Road next to the University Creamery, the Museum Store specializes in unique and unusual gifts, and this holiday season its shelves are stocked with little treasures from around the world.

The Store is open 10 a.m. to 4:30 p.m. Tuesday through Friday, 11 a.m. to 4:30 p.m. Saturday and noon to 4 p.m. Sunday.

The Store will hold a 10-percent-off sale on all merchandise for the public, with 20 percent off for the Friends of the Palmer Museum.

Whether browsing for the child or the child at heart, consider what the Museum Store has to offer:

International gift ideas

Chinese cloisonne eggs, figurines, boxes, porcelain tea sets

Chinese cedar masks
Dutch sterling silver and Swarovski crystal rings, pins, earrings

Russian stone carvings
Russian nested Matryoshka dolls
East German nutcrackers and smokers (made prior to the reunification of the two German nations)

Denmark amber necklaces, rings, bracelets and earrings
Sri Lankan wooden carved masks
Kenyan baskets, fertility figures and primitive

instruments
Mexican ceramic figures and pre-Columbian figures
Peruvian clay, brass and sterling silver jewelry, clay pots
Dollies made in Lichtenstein

Traditional gift ideas

1991 illustrated wall calendars
1991 Metropolitan Museum of Art Engagement Calendars

Turquoise jewelry from western United States
Native American Indian pottery
Anne Dick polished bronze jewelry from California
Brass chimes and bronze bells from Harmony Hollow



Boxed notes from Caspari
Windfield Homes by Henry Musser
Pottery by Rowe, Roger Zellner and Lester Breining
Bracelets and necklaces in semiprecious stones
Antique reproduction jewelry in pewter and goldplate
Handmade brass earrings and bracelets by Sausalito

Craftworks

T-shirts
Pewter bracelets and earrings by Raymond Pewter
Ceramic fish platters by Ann Elizabeth
Animal sculpture by Anderson

Children's items

Coloring books from the Smithsonian
Troll activity books
Kaleidoscopes, balance balls, dazors, suprint kits and spiral timers

Space tubes and key rings
Stencil books, paperdolls, cut and assemble books
Origami paper and instruction books
Books on drawing, etching, painting, clip art, folk art, architecture, sculpture, ceramics, woodcut design, advertising, as well as books on individual artists and time periods

Items especially for the holiday season

Boxed and individual greeting cards from Caspari and Carole Smith
Ornaments of pewter, brass, ceramic, wood, cloth and more

Handblown glass ornaments from Czechoslovakia and the former nation of East Germany
Wood and cloth holiday figurines from Sweden
Crystal bells and eggs made in the United States

Nittany Lion Inn

The Nittany Lion Inn invites the public to "Celebrate the Season" on campus by planning to hold holiday office gatherings at the Nittany Lion Inn. The professional staff is available to assist with arrangements for groups from 10 to 300 guests. Call 231-7525 for reservations and information.

The Inn offers its Festive Holiday Sunday Brunch from 11:30 a.m. to 2 p.m. Dec. 2, 9, 16 and 23, with traditional music and decorations. The customer appreciation Holiday Luncheon Buffet will be served in the dining room from 11:30 a.m. to 2 p.m. Monday through Friday, Dec. 17-21. Complimentary Wassail Punch will be available in the lobby from 11:30 a.m. to 2 p.m. and from 5 to 7 p.m. during the week. Call 231-7515 for reservations and information.

The Inn also is offering a special holiday "Great Rates" package during the holiday recess from Dec. 23 through Jan. 1. Singles and doubles start at \$39 plus tax and include a continental breakfast each morning for overnight guests. Call 231-7505 for room reservations and information.

Gift certificates may be purchased in any amount at the Inn registration desk for such items as a dinner for two, a Sunday brunch, a gift package.
During the Inn's expansion and renovation, the Park Avenue entrance is closed, but the Atherton Street drive is open for guest registration and dining guests. Parking for all Inn patrons is available on the upper level of the Parking Terrace.

Forum on Black Affairs

The Forum on Black Affairs is selling Christmas cards with an African-American theme. In addition, the Forum will have cards that commemorate the celebration of Kwanzaa, an African-American tradition.

The cards will be sold individually or in boxed sets with prices ranging from \$1.50 through \$12. The cards are on display at the Paul Robeson Cultural Center and can be ordered from any FOBA member. The Cultural Center is open from 8 a.m. until 10 p.m. Monday through Friday and 1 to 4 p.m. on weekends. Call 865-1779 or 863-1663 for more information.

The Creamery Store

For this holiday season, patrons may purchase famous Penn State ice cream available in numerous flavors and packed in dry ice for keeping up to 12 hours. Penn State-made cream cheese, cheddar cheese and cream cheese spreads also are available in the Creamery store.

In addition, customers may want to purchase cheese gift boxes containing products manufactured by the University Creamery.

The Creamery is open from 7 a.m. to 10 p.m. Monday through Friday, 8 a.m. to 10 p.m. Saturday, and 9 a.m. to 10 p.m. Sunday.

The Weekly Collegian

Alumni, recent and past, will be kept up to date on happenings at the University with a subscription to *The Weekly Collegian*.

Published by the staff of *The Daily Collegian*, *The Weekly Collegian* makes a useful and informative gift for Penn Staters. The subscription price is \$14.52 for one year, \$27.06 for two years and \$36.03 for three years. Subscriptions outside of the United States are an additional \$11.88 per year (surface mail).

To subscribe, make checks payable to Collegian Inc., Dept. W, 123 S. Burrows St., University Park, Pa. 16801-3882. Subscriptions will begin upon receipt of order.

Poultry sales

The Poultry Salesroom will be open from 10 a.m. to 3 p.m. Thursday, Dec. 20. Items available for sale include chicken roasters, fryers, stewing chickens and fresh eggs. The Salesroom will be closed from Dec. 24 to Jan. 1 and will reopen on Thursday, Jan. 3. For more information, call 865-3765.

Holiday Shopping Guide:

Penn State Bookstore

The Penn State Bookstore on campus will celebrate the holidays with its 12th annual appreciation sale, starting Dec. 3 and continuing through Dec. 21.

The University community is invited to take advantage of the store-wide sale, which is designed to express appreciation to the bookstore's year-round customers. A 20-percent discount is offered on almost everything in the store -- from quality Penn State apparel and gifts to a large selection of general books, art and engineering materials, supplies and holiday merchandise.

The bookstore is open seven days a week, 8 a.m. to 8 p.m. Monday through Thursday, 8 a.m. to 5:30 p.m. Friday, 9 a.m. to 5 p.m. Saturday and noon to 4 p.m. Sunday. Some categories of merchandise are excluded from the sale, such as textbooks, black and white film supplies, calculators, sale items (already discounted more than 20 percent) and a few other items.

The bookstore offers a large selection of hardbound bestsellers at \$3.50 each; current *New York Times* bestsellers are discounted 25 percent every day, and selected items in several departments currently are offered at large reductions.

In the general book department, customers can browse through books by faculty and local authors, a large selection of paperback and hardbound bestsellers, classics, poetry, mysteries and science fiction, art books, humor, computer books, nature/life science, mathematics and engineering books (save up to 60 percent on selected Springer-Verlag titles through Dec. 31), reference books, biographies and cookbooks.

In addition, browse through more than 600 calendars and datebooks for 1991, illustrating a variety of subjects, in several formats to suit your needs, including desk/apartment style books, or word-a-day style calendars and Sierra Club calendars.

Whether the topic of interest is dinosaurs, myths and legends, different languages or cultures, fairy tales, scientific facts, exploration or contemporary social situations, you are sure to find treasures for children on your gift list in the Children's Book Department. Classics for children, a selection of Caldecott Honor Books and Newbery Award Winners, educational games and puzzles are also available.

The bookstore also carries a large selection of books on Pennsylvania and Centre County, including many titles from the Penn State Press and Keystone Books. During the week of Dec. 3, the bookstore will hold its annual

"Celebration of Authors" with daily book signings, featuring several local authors each day.

The Art and Engineering Department offers calligraphy and painting sets, a wide variety of sketchbooks and papers, Olympian drafting table set (including lamp and stool) sale-priced at \$129.95; Faber Castell Design color pencil set (60 colors) in a portfolio \$36 (reg. \$47.50); Staedler Mars ultrasonic technical pen cleaner \$78.40 (reg. \$98); pens, pencils, markers.

In the Supply Department, you will find custom-designed Penn State holiday cards and ornaments, quality stationery, Parker and Mont Blanc pens and Penn State insignia A.T. Cross pens and pencils. A large variety of desk accessories and quality leather and vinyl briefcases and attaches, reasonably priced photo albums, address books and other supplies are available.

The bookstore also carries the largest selection of Penn State emblematic clothing in traditional collegiate styles and contemporary fashions. The choices include sweaters and sweatshirts, T-shirts, hats, children's wear and knitwear.

An abundance of stocking stuffers can be found throughout the store, including colorful school supplies, pens and pencils (Penn State insignia pencil at 24 cents each -- regularly 29 cents), blank books, games, picture frames, maps, pocket address/date books and holiday items.

Alumni Association

It's Time to Get "Cookin' With the Lion"

Joe Cavinato's "Business Logistics Pound Cake," Bob and Pat Beam's "Walleye Encaseroles," Judy Morgan's "Pineapple Zucchini Bread," the Penn State Bakery's "Midnight Cake" and Evelyn Saubel's "Strawberry Lemonade Punch..."

These are just some of the 275 tested recipes featured in *Cookin' With the Lion*, the Penn State Alumni Association cookbook.

Published with the help of 1,400 alumni volunteers, the 8 1/2 x 11 inch hardbound book is illustrated with color photographs and cartoon lions and is filled with creative entertaining ideas, nutrition tips, tailgate specialties and Penn State food trivia.

It's a different kind of Penn State gift for anyone on your list who enjoys good food and good times. Best of all, as with all Alumni Association marketing ventures, a portion of the proceeds goes to student scholarships and fellowships as part of the Association's \$1 million pledge to the University's fund-raising efforts.

Priced at \$19.95 plus tax, *Cookin' With the Lion* is available at the Alumni Office, 105 Old Main, or at the Penn State Bookstore (all campuses), the Nittany Lion Inn, the Student Bookstore, University Book Centre, McLanahan's Self-Service, the Country Sampler in Boalsburg and Fashion Classics near the Nittany Mall.

Other Penn State gift ideas from the Alumni Association include Nittany Lion statuettes, armchairs and rockers, photoob, clocks and wrist watches, a brake light display, alumni license plates and memberships in the Alumni Association. Stop by 105 Old Main or call 865-6516.



Christmas ornament

The official 1990 Penn State Christmas ornament is available for \$14.95 at the Penn State Bookstore on campus.

The second in the five-year "Christmas at Penn State" ornament series, this year's design features the Nittany Lion. The ornament is minted in 24-karat gold over brass.

Ornament sales benefit two special causes: undergraduate scholarships at Penn State and the Easter Seal Society of Centre and Clinton counties -- whose mission is to help disabled persons realize their potential.

Countries represented include Bangladesh, Bolivia, Chile, Ecuador, El Salvador, Guatemala, Haiti, India, Kenya, Korea, Mexico, Nepal, Peru, Philippines, Sri Lanka, Taiwan and Thailand.

The event is sponsored by the Kern Graduate Commons, Office of Union Programs and Operations, in conjunction with the nonprofit program SERV. Its purpose is to promote the social and economic progress of developing regions of the world by purchasing and marketing their handcrafts.

Penn State Press

The Penn State Press is pleased to offer the entire list of titles to University faculty, staff and students at half price during the Christmas season. We hope this will encourage you to give books for Christmas. You'll find a sampling of books listed below at their sale price.

In addition, we are offering a free gift. When you purchase two or more books, you will receive a free copy of *Pennsylvania* 1776.

The sale begins Nov. 29 and ends Dec. 20.

Stop by the Press in Suite C, Barbara Building (also known as the Incubator Building), 820 N. University Drive, between 8 a.m. and noon and 1 and 5 p.m. If you need to shop between noon and 1 p.m., call ahead (865-1327), and we'll make arrangements for someone to be available to fill your order. There's plenty of parking available.

Among the books available are:

- Edith Wild Plants of Pennsylvania* - \$17.50 cloth, \$8.50 paper
- Baseball: An Illustrated History* - \$19.25
- American Baseball* (3-volume set) - \$45 cloth, \$25.50 paper
- The Central Intelligence Agency* - \$8.75 paper
- Michelangelo's Nose* - \$14.25
- Art of American Car Design* - \$17.25
- Pennsylvania Album* - \$10 cloth, \$6.25 paper
- Pennsylvania Prints* - \$10 cloth, \$6.25 paper
- Pennsylvania Clocks and Watches* - \$19.75
- History of Pennsylvania* - \$12.50
- William Warren Scrantom* - \$11
- Outboard Journals in Pennsylvania* - \$11.25 cloth, \$6.50 paper
- Fishes of Pennsylvania* - \$16.25
- Rivers of Pennsylvania* - \$8.50 cloth, \$6.50 paper
- Modern Wrestling* - \$7.50 cloth, \$4.50 paper
- Learning the Fiddler's Ways* - \$8 cloth, \$4.50 paper
- In Search of Italy* - \$12.50
- Clarissa on the Continent* - \$14.75
- Madness and Blake's Myth* - \$12.50
- Bernard Shaw on the London Art Scene* - \$25
- After the Fall* - \$11.75
- World Art* (3 volumes) - \$37.50
- Aegean Painting in the Bronze Age* - \$25
- Vergil's Aeneid* - \$14.50
- Key to the Keystone State* - \$6.50
- The Actor in History* - \$9.50
- Ezra Ripley on London and Paris* - \$16.25
- Carl Sandburg* - \$15

Holiday artifact sale

The 17th Annual International Holiday Artifact Sale in the lobby of Kern Graduate Commons runs from 9 a.m. to 4 p.m. Monday through Friday through Dec. 7.

The holiday sale features 350 different, original handmade crafts, such as items made of brass, jewelry, children's toys and baskets, representing the work of artisans from various developing regions of the world.

Faculty/Staff Alerts

SPEC Program

The Staff Position Evaluation and Compensation (SPEC) Program has entered the next project phase with the distribution of position information questionnaires (PIQs) to employees currently classified as staff exempt, staff nonexempt and clerical. These three categories will be combined into a single category called staff.

The purpose of the questionnaire is to gather information about duties, responsibilities, skills and qualifications required in each of the jobs within the University. This step is critical to ensure that the new Penn State compensation program, which will result from the SPEC project, accurately reflects the University's working environment as it exists today.

The questionnaire that all staff members are completing is the result of many months of planning, development and testing. It is to be completed by employees based upon their job duties, since the goals of the SPEC program is to evaluate jobs, not the performance of individuals who hold the jobs.

To assist employees in completing questionnaires, informational meetings are being conducted throughout the University. All staff members are encouraged to attend one of these meetings to ask questions and learn more about the SPEC program. It is hoped that these sessions help to ensure that questionnaires are completed properly.

To aid staff members who may have additional questions during the completion

of the PIQ, the Office of Human Resources is operating a SPEC telephone information line, 814-865-1313 (Network 475-1313). The line is open from 8 a.m. to 5 p.m. Monday through Friday.

Completed PIQs should be returned to each employee's supervisor. Supervisors play an important role in the questionnaire and data collection phase of the project since they review employees' responses and add comments that can enhance the analysis and understanding of the job. Supervisors will not change or delete responses made by the employees.

Once the questionnaires are reviewed by supervisors and returned to the Office of Human Resources, the SPEC team will begin the next phase of its work. Using the

information provided by employees, classification analysts from Penn State and William M. Mercer Inc. will begin to evaluate more than 5,000 jobs that exist within the University.

The Position Information Questionnaire is perhaps the most significant building block of the new program. It will provide the SPEC project team with job information from the most valid source—the employees who actually perform each job. The information provided will play a key role in creating a compensation system that fairly and properly rewards the work staff members perform.

All staff members are urged to complete the questionnaire and return it to their supervisors by Dec. 12.

Holiday schedule

University offices and operations, except for essential services and operations, will close at the normal end-of-business time on Friday, Dec. 21, and will resume at normal starting times on Wednesday, Jan. 2.

The official University holidays are Monday, Dec. 24; Tuesday, Dec. 25; Wednesday, Dec. 26; Thursday, Dec. 27; Friday, Dec. 28; Monday, Dec. 31; and Tuesday, Jan. 1, 1991.

Biweekly and monthly paychecks will be released on Friday, Dec. 21, but will not be negotiable before their respective effective date (biweekly paychecks will be dated Friday, Dec. 28; monthly paychecks will be dated Monday, Dec. 31). Automatic deposits will not be made early.

This schedule and payroll information is not applicable for the Hershey Medical Center, since employees there earn service holidays in lieu of the extra December holidays.

Questions regarding the above holiday information should be directed to the appropriate college or department personnel representative, or director of business services at a facility away from University Park.

Noon hour courses

The Human Resource Development Center and Continuing Education are offering the following three-credit courses for

University employees in Spring Semester 1991:

Economics 004 and Management 100 will meet from 12:10-1 p.m. Monday, Wednesday and Friday; B Law 243 will meet from 11:45 a.m. to 1 p.m. Tuesday and Thursday.

The courses are part of the Business Management and Business Administration Certificate Programs offered through Continuing Education. An academic counselor is available to help with course selection.

For information, contact the Human Resource Development Center at (814) 865-3410 or the Continuing Education Office at (814) 865-3443.

Obituaries

William C. Van Gorder, assistant professor of engineering research at the Applied Research Laboratory, died Nov. 12 at the age of 68.

He was a graduate of St. Louis University with a bachelor of arts degree in aerospace engineering. He joined the Applied Research Laboratory on May 16, 1960.

Marie L. Long, counter attendant, Housing and Food Services, from Feb. 1, 1950, until her retirement April 29, 1970, died Oct. 27 at the age of 86.

Focus on the arts

Continued from page 6.

says Professor Clark-Evans, was a precursor of modern feminist intertextuality: a circle of women poets and readers who guided each other to greater and greater achievements through exchanging what they had written.

"Odyssey Through Literature" is produced by the Department of Comparative Literature, with audio-production services by WPSX-TV. It airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Art history lecture

Richard Brilliant, professor of art history at Columbia University, will give a lecture titled "A Guide for the Perplexed Interpreter" at 8 p.m. Tuesday, Dec. 4, in Room 112 Walker Building at University Park.

The lecture is part of the "Art of Interpreting" series sponsored by the Department of Art History and the Institute for the Arts and Humanistic Studies.

Dr. Brilliant received his doctorate from Yale University in 1960. He is the editor of the *Art Bulletin* and has published a number of books including *Arts of the Ancient Greek*

Culture and Rank in Roman Art and Visual Narratives.

Concert of new music

The School of Music will present a concert of new music composed by graduate and undergraduate students at 8 p.m. Wednesday, Dec. 5, in the Recital Hall of the Music Building at University Park.

Original music by graduate students Zhefu Xue and Karim Benamar and undergraduate students David Horan, Joseph Leluga, Christina Novak, Alexander Ruzanic and Mark Wurster will be performed by various ensembles and soloists.

The concert will include works for chorus, string quartet, voice, electronic instruments and other instruments.

Slide presentation

Artist and Penn State alumna Florence Putterman will give a slide presentation of her work at 8 p.m. Wednesday, Dec. 5, at the Palmer Museum of Art at University Park.

The presentation will be followed by a tour of Ms. Putterman's work in the

exhibition "Florence Putterman: A 20-Year Survey, 1970-90," currently on display in the museum's second-floor gallery through Jan. 13, 1991.

Graphic design lecture

New York-based designer Seymour Chwast will present a slide lecture of his work at 8 p.m. Wednesday, Dec. 5, in the Keller Conference Center Auditorium at University Park as part of the visiting artist program in the School of Visual Arts.

Mr. Chwast is a graphic designer and illustrator whose work has appeared on posters, magazine covers, books, advertisements, packaging and record albums, among others, and has been included in every prominent graphic design exhibition in the last 25 years. His clients include leading corporations, advertising agencies and publishing companies in this country and abroad.

His lecture is free and open to the public.

Christmas music

Seven student vocalists will perform holiday selections at 12:10 p.m. Thursday, Dec. 6, in the Eisenhower Chapel at

University Park. The 20-minute concert is the final performance in the Fall Semester Bach's Lunch Concert Series, sponsored by the School of Music and the University Lutheran Parish.

The program will consist of works by J.J. Niles, Herbert Fryer, Hugo Wolf, Regner, Cornelius and Korem.

Holiday concert

The University Brass ensemble and the Singing Lions will combine their talents for the concert "Holiday Sounds in Brass and Voices" at 8 p.m. Thursday, Dec. 6, in Schwab Auditorium at University Park.

The University Brass will perform a number of selections, including Alfred Reed's Symphony for Brass and Leroy Anderson's Suite for Corners. The trombone choir and other smaller ensemble also will be performing.

The Singing Lions will perform the medleys "Carols of the Season" and "Bells of Christmas Pop" as well as the traditional "Twas the Night Before Christmas." In addition, there will be a number of solo performances and a vocal quintet.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. **APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304.** Applications for these staff vacancies will be accepted until **Dec. 6. DO NOT CONTACT THE AREA THAT HAS THE VACANCY.** Applications for staff vacancies are considered in accordance with Fair Employment practices (PS II) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age as provided by law, or status as a disabled or Vietnam era veteran.

***01143, Director of Clinical Services, Student Services, University Health Services, University Park Campus** - Responsible to the associate vice president for student services for formulating medical policy for student health services and directing all clinical staff. Requires a doctor of medicine degree from an accredited medical school. Must be board certified/board eligible in family practice or internal medicine and eligible for licensure in the Commonwealth of Pennsylvania with over five years of previous effective experience. Applicants should have previous medical management experience and documented leadership ability and expertise in adolescent/young adult medicine. Current CPR certification is expected. **STAFF GRADE 10**

***01156, Supervisor of Snack Bars, Housing and Food Services, University Park Campus** - Responsible to the manager of vending and snack bars for direct supervision of late hour cash operations. Requires bachelor's degree or equivalent in HRIM, dietetics, or home economics with one to two years of effective experience in food service. Familiarity with microcomputer and software packages preferred. **MUST BE AVAILABLE DURING EVENING HOURS- 4:30 TO 11 P.M. NORMAL WORK SCHEDULE IS SUNDAY**

THROUGH THURSDAY, STAFF GRADE 5

***01157, Associate Director, Planned Giving, Division of Development and University Relations, Office of Planned Giving, University Park Campus** - Assist the director of planned giving in identifying and cultivating planned giving prospects and donors. Travel is required. Requires bachelor's degree or equivalent, plus four to six years of effective experience in major gift fund raising, preferably in higher education or financial planning. Working knowledge of planned giving techniques and relevant tax laws. Excellent written and verbal communication skills and interpersonal skills are essential. **THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991, WITH GOOD POSSIBILITY OF RE-FUNDING. STAFF GRADE 8**

***01158, Director, Industrial Extension Office, Senior Vice President for Research and Dean of the Graduate School, Associate Vice President for Research and Technology Transfer, University Park Campus** - Responsible to the associate vice president for research and technology transfer for the management, coordination of related activities, and process evaluation of the statewide operation of an industrial extension program (PENNTAP). Requires master's degree, or equivalent, in a technical field or industrial experience, plus five to seven years of effective experience in negotiating working relationships with industry and/or universities. An extensive background in project management, administration, and technology-based economic development is desirable. Doctorate preferred. **STAFF GRADE 10**

***01159, Administrative Aide, Senior Vice President for Research and Dean of the Graduate School, Center for the Study of Higher Education, University Park Campus** - Responsible to the director, Center for the Study of Higher Education, for the preparation and maintenance of budgetary records and financial reports, processing of operational fiscal and personnel forms, and for supervision of clerical personnel.

Requires associate degree or equivalent in business or related field, plus two to three years of effective administrative experience. Experience with computerized project management and Lotus 1-2-3 spreadsheets and/or DBase III framework preferred. Strong organizational, interpersonal, and communication skills and demonstrated supervisory skills also preferred. **STAFF GRADE 5**

***01160, Applications Programmer/Analyst, Purchasing Services, University Park Campus** - Responsible for designing, coding, modifying, and testing new and existing computer programs for Purchasing Services systems needs. Requires bachelor's degree, or equivalent, in a business or computer-related field plus one to two years of effective experience in computer programming and systems design. Ability to communicate orally and in writing is required. **STAFF GRADE 6**

***01161, Janitor Foreman, Operations and Maintenance, Wilkes-Barre Campus** - Responsible to the director of business services for making work schedules, assigning jobs, providing instructions, maintaining a constant check on progress, quantity and quality of work, and insuring Union-University Agreement and other work rules are followed. Requires equivalent of a high school education, or equivalent, and plus two to four years effective experience in janitorial and custodial operations. Position requires supervisory experience in this field. **THIS POSITION IS THIRD SHIFT. STAFF GRADE 4**

***01162, Area Representative, CES, Berks Campus** - Responsible for the development, organization, operation and administration of Continuing Education programs and services at the Berks Campus. Plan, schedule, staff, conduct evening school class operations, workshops, conferences, and contract services with clientele organizations. Requires bachelor's degree, or equivalent, plus two to three years of effective experience in business, industry, or education. **STAFF GRADE 7**

***01163, Area Representative, CES, Penn State Great Valley** - Responsible

for the development, organization, operation and administration of Continuing Education programs and services at Great Valley. Requires bachelor's degree, or equivalent, plus two to three years of effective experience in business, industry or education. **STAFF GRADE 7**

***01165, Director of Development, Athletics, Division of Development and University Relations, University Park Campus** - Responsible to the associate vice president for development and university relations, working closely with Department of Athletics on priorities as established by director of athletics for fund-raising programs and related activities. Requires bachelor's degree, plus four to five years of effective experience in fund raising in a higher education environment with evidence of skill in verbal and written communication. Successful major gift experience also is required. **Travel required. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991, WITH EXCELLENT POSSIBILITY OF RE-FUNDING. STAFF GRADE 9**

***01169, Applications Programmer/Analyst, Office of Budget and Resource Analysis, University Park Campus** - Responsible to a lead applications programmer/analyst in the Decision Support Systems group for conducting analyses of data processing and customer data problems, determining detailed requirements to solve problems, formulating logical statements of systems problems, and preparing computer programs to produce desired results. Requires bachelor's degree, or equivalent, in computer science or related field, and from one to two years of effective experience in computer programming and analyses. **THIS IS A FIXED-TERM POSITION FUNDED FROM JAN. 1, 1991, THROUGH JUNE 30, 1992, WITH POSSIBILITY OF RE-FUNDING. STAFF GRADE 6**

***01170, Technology Education Assistant, College of Engineering, Department of Nuclear Engineering, University Park Campus** - Responsible to the coordinator of special programs

for assisting in the development, coordination, and presentation of various education programs on energy with an emphasis on nuclear energy and ionizing radiation. Requires bachelor's degree, or equivalent, in a science or related field, with up to one year of effective experience. Good communication skills required. **THIS IS A FIXED-TERM POSITION FUNDED FOR ONE YEAR FROM DATE OF APPOINTMENT WITH THE PROBABILITY OF RE-FUNDING. EXTENSIVE TRAVEL REQUIRED. STAFF GRADE 5**

***01171, Publications Editor, Division of Development and University Relations, University Park Campus** - Responsible to the director of publications and University editor for the review of University publications text to ensure that those publications are checked for accuracy, consistency with University criteria for style, clarity of message and consistency with University policies, objectives and image. Requires bachelor's degree in English, or equivalent, and one to two years of effective experience in editing. A strong command of the English language with a specialized knowledge of grammar and syntax also is required. **STAFF GRADE 5**

Hershey

For the following position vacancy, apply directly to the Hershey Medical Center. Attach resume with cover letter indicating the position vacancy code and forward to the Department of Human Resources, Hershey, or call the Hershey bid line at (717) 331-8531 by Dec. 6.

***14700, Surgical Head Nurse, Nursing/Operating Room, Hershey** - Responsible to a nursing manager, assistant director of nursing and/or an assistant patient unit coordinator for performing a variety of nursing duties, as well as providing leadership to nurse clinicians and other patient care personnel. A registered nurse with a current license to practice professional nursing in Pennsylvania, plus one to two years of effective operating room experience, six months of which must be at Hershey Medical Center.

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William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

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HOLIDAY SHOPPING GUIDE

INTERCOM's 11th annual holiday shopping guide appears on pages 8, 9 and 10.

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INTERCOM

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Volume 20, Number 15

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Consortium to study college teaching and learning

A consortium of six universities headquartered at Penn State has received a \$5.9 million grant from the U.S. Department of Education for a new national center to study teaching and learning at the collegiate level and develop ways of improving the quality and effectiveness of undergraduate education.

Faculty members at Penn State and the University of Illinois at Chicago will direct the new National Center on Postsecondary Teaching, Learning, and Assessment, with scholars and administrators at Syracuse University, Northwestern University, North Carolina State University, and the University of Tennessee guiding major elements of the center's research, development, and dissemination effort. The new center began operations on Dec. 1.

The five-year grant was announced by Lauro F. Cavazos, U.S. Secretary of Education, as part of a \$125.3 million initiative to fund 17 new educational research and development centers across the nation. The Penn State-based consortium is the only center whose specific mission is to address issues in higher education.

Each of the centers has been developed to provide the kind of quality information America will need to meet our national education goals by the year 2000," Mr. Cavazos said. "These centers can help provide a road map for

moving from a failing education system to a vital and successful one."

According to **James L. Ratcliff**, professor and director of the Center for the Study of Higher Education and a co-director of the project, the new National Center will concentrate its efforts on four sources of influence on student learning: the curriculum, faculty and instruction, out-of-class experiences, and organizational structures, policies, and practices.

"A major portion of the new Center's energies will also go into finding ways in which the research and program ideas developed by the Center, and by other scholars and administrators around the country, can be shared with those in the best position to make a difference: classroom instructors and campus administrators," Dr. Ratcliff said.

Patrick T. Terenzini, professor of education and senior scientist, and the National Center's other co-director, said that the research and dissemination efforts will focus on three policy issues. The first of these will be how the learning styles and experiences of minority students differ from those of non-minority students.

"We know there are differences," Dr. Terenzini said, "but we don't really know much about how those differences affect student learning, or about how colleges

and universities can be most responsive to those differences."

The new Center's policy agenda also will concern itself with how student learning outcomes vary in different kinds of colleges and universities.

"Over the past 30 years, state and federal governments have made a sizeable investment in institutions designed to be accessible to most Americans," Dr. Terenzini said. "Yet considerable evidence suggests that students attending two-year and commuter institutions, or attending part-time, show smaller gains in a number of educationally important areas than do full-time students at four-year, residential colleges and universities. We want to explore ways that the college experience for this growing population of commuting and part-time students can be enhanced."

The center also will examine methods of evaluating student performance that can facilitate both improved teaching and learning for the individual student, as well as the improvement of institutional programs in general.

Growing public criticism of undergraduate education in America is pressuring faculty members and administrators, their institutions, and their states to provide credible evidence that publicly stated educational goals are in fact

See 'Consortium' on page 3.

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University is ranked eleventh in R&D spending

Penn State ranks seventh among public research universities and 11th among all universities in total research and development spending, according to recently released National Science Foundation figures.

In fiscal year 1989, which ran from Oct. 1, 1988, through Sept. 30, 1989, the University spent more than \$219.9 million for research and development in science and engineering. During fiscal 1988 the University spent \$188.4 million and was ranked 15th overall and 10th among public universities.

"This ranking is a reflection of Penn State's standing as a public research University," President Thomas said. "It also reflects the fine quality of Penn State's faculty. And it frames the promise of exhilarating and relevant undergraduate and graduate student experience."

Johns Hopkins University was first in spending with \$648.4 million. The Massachusetts Institute of Technology was second with \$287.2 million and Cornell University was third with \$286.7 million.

Other Pennsylvania institutions ranked in the study are: University of Pennsylvania, 21st with \$173.7 million; University of Pittsburgh, 42nd with \$111.3 million and Carnegie Mellon University, 50th with \$101.6 million. (See related story on page 2.)

TOTAL R&D SPENDING OF UNIVERSITIES & COLLEGES

	(In millions)	
1. Johns Hopkins University	\$648,395	Private
2. Massachusetts Institute of Technology	287,157	Private
3. Cornell University	286,733	Private
4. Stanford University	285,994	Private
5. University of Wisconsin-Madison	285,582	Public
6. University of Michigan	280,905	Public
7. University of Minnesota	258,614	Public
8. Texas A&M University	250,706	Public
9. University of California - Los Angeles	227,828	Public
10. University of Washington	221,712	Public
11. PENN STATE	219,930	Public
12. University of California - San Francisco	219,440	Public
13. University of California - San Diego	216,991	Public
14. University of Illinois - Urbana	210,590	Public
15. University of California - Berkeley	209,967	Public
16. Harvard University	209,519	Private
17. University of Texas at Austin	193,337	Public
18. University of California - Davis	180,297	Public
19. Georgia Institute of Technology	174,664	Public
20. University of Arizona	174,119	Public

RANKINGS OF PENNSYLVANIA UNIVERSITIES

	(in millions)	
11. PENN STATE	\$219,930	Public
21. University of Pennsylvania	173,744	Private
42. University of Pittsburgh	111,265	Public
50. Carnegie-Mellon University	101,635	Private

Focus on Diversity

University will host Upward Bound Center

The University will host an Upward Bound and Science Upward Bound Center on a nationwide, funded by a federal grant of \$125,000 from the U.S. Department of Education.

The program is designed to encourage high school students from low-income backgrounds to pursue math and science related careers.

As a regional center, Penn State's Upward Bound Math and Science program will provide an intensified math and science curriculum to 40 high school students from Pennsylvania, Maryland, West Virginia, Delaware and Washington, D.C.

"This is an exciting and innovative summer program that we are extremely enthusiastic about implementing," Gerri Weischer, director of the Upward Bound program, says. It may literally help change the course of some students' lives.

Nationwide, interest in science and math related careers by young people has been declining at an alarming pace, Howard E. Wray III, assistant dean for undergraduate education and academic assistance programs, says.

"But programs that show how attainable, exciting and important science and math careers can be, like this one, can make a difference," he notes.

The grant will fund each student for a six-week summer course and subsequent follow-up instruction from the University and a local scientist for one year.

Upward Bound is a federally funded program established to encourage students from disadvantaged backgrounds to attend college. The new grant has been awarded to the University's Academic Assistance Programs in the Office of Undergraduate Education.

"During those six weeks, the students will live on our campus to get a balanced view of attending college and learn about science and math related careers," Ms. Weischer says. "They will also get to participate in actual research in state-of-the-art labs, take English, math and science enrichment classes and attend social and cultural activities."

Students also must work with a mentor in their hometown at least once a month on continuing research and other science

and math activities started during their visit to Penn State.

The University will identify hometown mentors who will likely be scientists or professors, according to Mr. Wray. Professors from the summer program and the local mentors will work together to follow the students' academic progress.

The program is open to students from low-income families who have completed ninth grade and have the recommendation of their local school Upward Bound counselor and director.

In addition to Upward Bound, Penn State has numerous recruitment and retention programs for minorities and low-income students who are planning to major or who are majoring in science and math related programs.

Some include special orientation programs, free tutorial services, visits by minority professionals, academic monitoring and advising, scholarships and financial support as well as numerous summer high school student visits and summer research programs pairing undergraduates with faculty.

Committee appointed

A committee to review the concerns of lesbians and gay men who are faculty, staff, and students at the University has been appointed by **Robert E. Dunham**, vice president and vice provost, and **James B. Stewart**, vice provost for underrepresented groups.

William G. Tierney, associate professor of education, is committee chair. Members are **Estela Bensimon**, **Lisa Henderson**, **Mike Flam**, **James Locker**, **Sue Rankin**, **Lee Upcraft** and **Liz Walker**.

Dr. Dunham said the committee is charged to:

- Review the concerns of lesbian and gay faculty and staff, and report those which should receive further study and consideration;
- Review the climate for lesbian and gay students, faculty and staff, and recommend ways in which the climate can be improved;
- Review present advisory channels and recommend appropriate advisory and information mechanisms to Vice Provost Stewart.

Spirituals program featured on WPSX

Sopranos Kathleen Battle and Jessye Norman sing together in a gala performance of spirituals, taped live at New York's Carnegie Hall in "Kathleen Battle and Jessye Norman Sing Spirituals" airing at 3:10 p.m. Saturday, Dec. 8, on *Great Performances*.

The spiritual is the earliest and most influential expression of African-American culture in this country and is characterized by its flexibility of interpretation, allowing

a wealth of expression and ornamentation.

Miss Battle and Miss Norman found that they shared a common affinity for the spiritual songs they have heard and sung since childhood, and it was this bond that brought them together for this special concert. The 90-minute program features such well-known spirituals as "Swing Low, Sweet Chariot," "Great Day," "He's Got the Whole World in His Hands," and "Gospel Train."

Paul Simon is joined by South African artists Miriam Makeba, Hugh Masekela, Ladysmith Black Mambazo and others in *Graceland: The African Concert*, airing at 8:30 p.m. Sunday, Dec. 9. The powerful mix of musical styles combines tunes from Mr. Simon's Grammy Award-winning album, "Graceland," including "Diamonds on the Soles of Her Shoes," "Under African Skies," and "You Can Call Me Al," with what Mr. Simon calls "the music of South Africa."

University is ranked second in industry-sponsored research

Penn State ranks second in the nation among colleges and universities in industry-sponsored research and development expenditures for fiscal 1989, according to The National Science Foundation.

The Massachusetts Institute of Technology ranked first in industry-sponsored R&D with \$39.6 million. Penn State's industry-sponsored R&D amounted to \$30.3 million in the federal fiscal year 1989, which ran from Oct. 1, 1988, through Sept. 30, 1989. The previous year, Penn State also was second with \$24 million.

"These rankings reflect Penn State's national leadership and ongoing efforts in creating industry-university partnerships," President Thomas said. "Industry-sponsored research is an essential part of our effort to keep the United States competitive on a global level. And it helps us continue to

prepare qualified students for careers in industry."

The other Pennsylvania university in the top 10 was Carnegie Mellon University, ranked eighth with \$19 million. The University of Pennsylvania with \$9.6 million and the University of Pittsburgh with \$9.4 million were ranked 27th and 29th, respectively. Lehigh University with \$7.6 million was ranked 36th.

After Penn State, the University of Michigan ranked third with \$22 million, North Carolina State, fourth, \$21.7 million; Georgia Tech, fifth, \$21.3 million; Texas A&M, sixth, \$21.2 million; University of Washington, seventh, \$19.1 million; Cornell, ninth, \$16.0 million, and University of Illinois, 10th, \$15.8 million. Penn State's \$30.3 million in industry-sponsored research represented 13.8 percent of its total 1989 research expenditures of \$219.9 million.

INDUSTRY-SUPPORTED R&D SPENDING OF UNIVERSITIES & COLLEGES (in millions)

1.	Massachusetts Institute of Technology	\$39,650
2.	PENN STATE	30,256
3.	University of Michigan	22,023
4.	N.C. State University at Raleigh	21,735
5.	Georgia Institute of Technology	21,346
6.	Texas A&M University	21,204
7.	University of Washington	19,135
8.	Carnegie-Mellon University	18,976
9.	Cornell University	16,627
10.	University of Illinois - Urbana	15,785

RANKINGS OF PENNSYLVANIA UNIVERSITIES (in millions)

2.	PENN STATE	\$30,256
8.	Carnegie-Mellon University	18,976
27.	University of Pennsylvania	9,582
29.	University of Pittsburgh	9,406
36.	Lehigh University	7,596

Project proposals are being sought

One-page preliminary proposals are being sought for the United Federal Bank Endowment for the Enhancement of Undergraduate Instruction.

Purpose of the endowment is to enrich undergraduate instruction and to encourage the development of a diversity of academic interests among undergraduate students.

Jerry B. Covert, associate dean for undergraduate education, said several awards in the range of \$3,000 to \$5,000 will be made for the 1991-92 academic year.

Awards from the fund will generally be made for the development of new courses, minors and options, including honors sections and courses; innovative instructional methods and procedures; and courseware, both computer and audio-visual, for new or existing courses.

"Special priorities for 1991-92 are projects related to the integration of cultural diversity into the undergraduate curriculum," Dr. Covert said. "Proposals in this area are strongly encouraged."

He noted that construction of capital facilities and fundings for the normal requirements of classroom and laboratory instruction are excluded from support.

Faculty members from all colleges at all locations and staff members in academic support units may submit proposals. Recommendations will be made by a review committee comprised of members of the Administrative Council on Undergraduate Education and the Society of Teaching Award Recipients.

Preliminary proposals should be submitted to Jerry B. Covert, Associate Dean for Undergraduate Education, 207 Old Main, University Park, by Jan. 11. The proposals will be screened on the basis of criteria such as: potential impact on undergraduate education; applicability elsewhere in the University system; and possibility of cost-sharing components.

The one-page preliminary proposal forms are available in 207 Old Main or by calling 863-7035.

The review committee will screen preliminary proposals and recommend those to be prepared for further review.



'Tis the Season

Members of Penn State's labor crew carry a University evergreen tree up the steps of Old Main at University Park. The tree, erected in the lobby of Old Main, was decorated by members of the Lion Ambassadors. (Photo: Greg Gileco)

Grant awarded for computer-adaptive testing

The U.S. Department of Education has awarded a grant of \$46,073 to University researchers for the development of computer-adaptive tests of listening comprehension in English as a Second Language and Hausa, a West African language.

Computer-adaptive testing is a new form of evaluating students' proficiency in a given discipline. Programmed for a computer-adaptive test, a microcomputer can adjust the difficulty level of questions based on previous responses.

Patricia Dunkel, assistant professor of

speech communication, will serve as the project director. She will lead a team including co-principal investigators **Thomas A. Hale**, professor of African, French, and comparative literature at Penn State, and **Beverly Mack**, assistant professor of English at George Mason University.

The team will call on the services of language and testing specialists from Penn State's Testing Service as well as many other institutions and organizations. The Office of the Vice President for Academic Affairs at Penn State is providing additional financial support for the project.

Drawing on recent advances in computer sound technology and the availability of much larger microcomputer memory storage, the team will design a listening test using speech and images that will measure the student's ability to understand a language at 10 different levels of difficulty.

The methodology used to develop the computer-adaptive listening tests for English as a Second Language and Hausa will provide a framework for development of similar forms of evaluation in other disciplines that seek more accurate methods of measuring proficiency.

Consortium

Continued from page 1.

being achieved," Dr. Ratcliff said.

"Twenty years of research show that college does make a difference in the lives of Americans, and we want to work to enhance that positive effect wherever possible. We have much to learn, however, about how to do this most effectively and efficiently."

In addition to coordinating and facilitating the Center's research efforts, the University of Illinois at Chicago "will focus on a three-year longitudinal investigation of factors influencing the learning, cognitive development and educational progress of both minority and non-minority students in two-year and four-year colleges," said Ernest Pascarella, professor of educational psychology at UIC's College of Education and the Center's assistant director for research.

"We hope our study will provide valuable, policy-

relevant information regarding the curricular, classroom and non-classroom experiences that enhance student learning and cognitive growth," he added.

The research at Syracuse "will focus on the educational impacts of current efforts to actively involve college students in classroom learning," said Vincent Tinto, professor of cultural foundations and curriculum in Syracuse University's School of Education. "Of special concern is the manner in which those efforts help both majority and minority students in two- and four-year institutions succeed in college," he added.

At Northwestern University, the research program on faculty and instruction is directed by Robert J. Menges, professor of education and social policy.

Dr. Menges, who will supervise the research at Northwestern's Center for the Teaching Professions, said the studies of faculty will focus on how new professors learn to be effective as teachers.

"We want to understand how they balance the time they devote to teaching, research, service and to other

responsibilities -- and how those decisions are affected by type of college and mix of students.

"We also will study how faculty assess their own teaching and how they use information from students, colleagues, teaching consultants and other sources to improve their work."

The research focus at North Carolina State University will be "to examine learning and retention outcomes of community college students," said Laura I. Rendon, associate professor in the Department of Adult and Community College Education. "We also expect to assess the factors that affect learning for minority students who are differentially enrolled in two-year colleges."

At the University of Tennessee, said Michael Nettles, vice president for assessment, "Our research will focus primarily upon the policies and practices of assessment in the nation's colleges and universities. We will be seeking to identify the best practices and methods for measuring college student learning and development and for using these practices in both public policy and in institutional improvement."

Nominations being sought for faculty/staff awards

President Thomas will appoint a general committee chaired by Billie S. Willis, assistant vice president for human resources, to solicit nominations for the Faculty/Staff Achievement Awards – the McKay Donkin Award, the John E. Wilkinson Award for Administrative Excellence, the Barash Award for Human Service, and the Penn State Equal Opportunity Award.

Four subcommittees will screen nominations and prepare recommendations for the respective awards.

Nominations for the 1991 awards are encouraged from University and local community organizations and individuals. Nominators should contact the Office of Human Resources at 865-1412 to request a copy of a standardized format for

submitting nominations. Nominations should be sent to Billie S. Willis, Box 6 Rider Building, no later than Jan. 21. Supporting information which accompanies nominations should be as brief as possible.

The McKay Donkin Award was established in 1969 in honor of the late McKay Donkin who served as vice president for finance and treasurer of the University from 1957 to 1968. The award, which consists of a \$500 stipend and a certificate, is presented to the full-time member of the faculty or staff or the retiree who has contributed most to the "economic, physical, mental, or social welfare of the faculty" of the University. The contribution should be for duties or services which are above and beyond his or her regularly assigned duties.

The John E. Wilkinson Award for Administrative Excellence was established in 1970 by friends of Mr. Wilkinson, a lifelong Centre County businessman. The award, which carries a stipend of \$500, is made annually to a member of the staff of the University whose performance methods and achievements exemplify administrative excellence.

The Barash Award for Human Service was created in 1975 by the family of the late Sy Barash. It is an annual award, carrying a stipend of \$1,000, to a full-time member of the faculty, staff, or student body of the University at University Park who has contributed most, apart from regular duties, to human causes, public service activities, and organizations, or the welfare of fellow humans. These human

service activities must have been performed in University Park, the Borough of State College, College, Patton, Harris, or Ferguson townships.

The Equal Opportunity Award is designed to recognize a University faculty or staff member who promotes the concept of equal opportunity through affirmative action and/or contributes to enhancing the educational environment of the University through improving cross-cultural understanding.

To be eligible for the award, which consists of a \$1,500 stipend and a certificate, full-time University faculty and staff must have at least two or more years of active service.

Center for Applied Behavioral Sciences gets award

The Center for Applied Behavioral Sciences has received a competitive award from the Equal Employment Opportunity Commission to develop a policy statement regarding the feasibility of using tests to replace chronological age in making mandatory retirement decisions for public safety officers. The 12-month \$900,000 award has been given to a team of scientists who will prepare a report that EEOC will forward to Congress.

Congress specifically exempted three occupational groups from the Age Discrimination and Employment Act with

respect to mandatory retirement provisions: college professors, aviation personnel and public safety officers. The Penn State team will study the third group, including police officers, fire fighters and corrections officers.

The team is headed by Frank Landy, director of CABS. Other members include Warner Schae, Steve Zarit and John Nesselrode, all members of the Gerontology Center. In addition, Jim Farr, Bob Vance and Ed Fleschman will deal with industrial and organizational considerations such as job analysis and test validity.

Medical issues will be addressed by David Pryor, Duke University Medical School, and Bob DeBusk, Stanford University Medical School, who are cardiologists with extensive experience in occupational medicine. Debbie Gebhardt will consider the role of medical standards.

Exercise physiology will be covered by a group of nationally known experts in the physiology of work including Elsworth Buskirk, Larry Kenney and Jim Hodgson, all of the Noll Human Performance Laboratory, as well as Mark Sothmann of the University of Wisconsin at Milwaukee

and Peter Raven of the Texas College of Osteopathic Medicine.

Other Penn State members include Roger Garthwaite of the CABS staff, Irwin Feller of the Institute for Policy Research and Evaluation, MaryLee Taylor of the Sociology Department, and Ed Donovan of the Administration of Justice Department.

The project will require the careful integration of many basic and applied allied disciplines. The researchers encourage anyone aware of research related to the project goals to contact Dr. Landy at 863-1718.

Network center monitors University's communications

Keeping the maze of fiber optic and copper cables that link University Park by data, voice and video to all Penn State locations running smoothly is the responsibility of the Network Management Center of the Office of Telecommunications.

Located in the Telecommunications Building at University Park, the Center troubleshoots communications problems throughout the University, according to Emily Anselmi, senior operations coordinator for data communications and supervisor of the Network Center.

"Our goal is to keep people working," Ms. Anselmi added. "We do this by controlling and troubleshooting the University's communications networks."

The Center, started in late 1987, became fully operational for data communications in 1988. It recently has begun receiving voice and video communications trouble calls. Three network systems coordinators handle the trouble calls coming into the Center, which number approximately 300 to 350 per month.

The Center can help faculty members unable to connect their computer terminals to a University Park host computer or to one of the national computer networks, assist staff members having difficulty reaching the IBIS administrative computing system or LIAS (Pattee Library), and aid the

University Student Computer Labs when users are unable to access the Center for Academic Computing.

The Network Management Center staff also works with members of the College of Agriculture's computer services group to resolve problems that the Penn State Cooperative Extension offices may have in accessing the PENpages (College of Agriculture) system.

When communications problems occur, the faculty member, staff member or student should first check with the communications contact person at their campus location, their appropriate Help Desk or with the host computer center they are trying to reach. An example of a host computer contact point is the LIAS desk. If the problem is not resolved at this level, the contact person will call the Network Management Center.

Video troubles and University Park telephone problems may be reported to the Center by calling 863-HELP.

In addition to maintaining communications links between campus locations, the Center assists in the satellite distribution of a variety of programs, both educational and informational. Examples include the weekly Anthropology 45 class and Joe Paterno's football press conferences. These are just two of the many programs



Emily Anselmi

distributed to locations capable of receiving satellite signals, according to Ron Strouse, operations coordinator for video.

The Network Management Center is

staffed 7 a.m. to 11 p.m. Mondays through Fridays, 10 a.m. to 6 p.m. Saturdays and 1 to 11 p.m. Sundays.

Private Giving to Penn State

Minority student scholarships are endowed by Class of 1958

The class of 1958 has become the first of the University's graduating classes to endow scholarships for undergraduate minority students.

The class's \$100,000 gift commemorates the members' graduation from Penn State and their 25th and 30th year class reunion celebrations. The awards will benefit financially needy full-time undergraduates at the University Park Campus whose ethnic, cultural and/or national backgrounds contribute to the diversity of the student body.

"This gift is evidence that Penn State alumni care very much about the future of the University in an increasingly diverse society," President Thomas said. "It also is

welcome news for financially needy undergraduates and their families who face the problems of financing a college education."

Leading the fund-raising effort were Thomas Hollander of Pittsburgh, chair of the 25th class reunion gift committee, and James B. Miller, chair of the 30th class reunion gift committee, who lives in Mount Lebanon.

"I applaud the class of 1958 for its far-reaching commitment and for understanding that cultural diversity is everybody's business," James Stewart, vice provost for underrepresented groups, said.

Each award will be for one academic year and is renewable.

Hamer pledges gift for Museum addition

Donald W. Hamer, president of State of the Art Inc. of State College, has pledged \$55,000 toward the addition to the Palmer Museum of Art. His pledge is part of the \$5.3 million already raised for the \$5.6 million addition.

"I feel very strongly that the museum is a tremendous community asset," he said. "It is an important asset for the quality of life in Central Pennsylvania. A museum of this quality would be almost impossible for us if it weren't for Penn State."

Construction of the addition, which will nearly double the size of the museum, is scheduled to begin in March 1991. Upon its completion in the early winter of 1993, the museum will be able to install a complete exhibition of its permanent collection for the first time.

Mr. Hamer has contributed to academic areas of the University, although his primary interest is in areas that also are community assets such as WPXX-TV, Shaver's Creek Environmental Center, the summer professional theater and the University Libraries.

Following a six-part term as director of research for Eric Tech Products Inc., in State College, he founded State of the Art in 1969.

A native of Illinois, Mr. Hamer earned a

bachelor's degree in ceramic science from the University of Illinois, an M.B.A. from the University of Chicago and a bachelor's in electrical engineering from Penn State in 1968. He currently serves on the museum's advisory board.

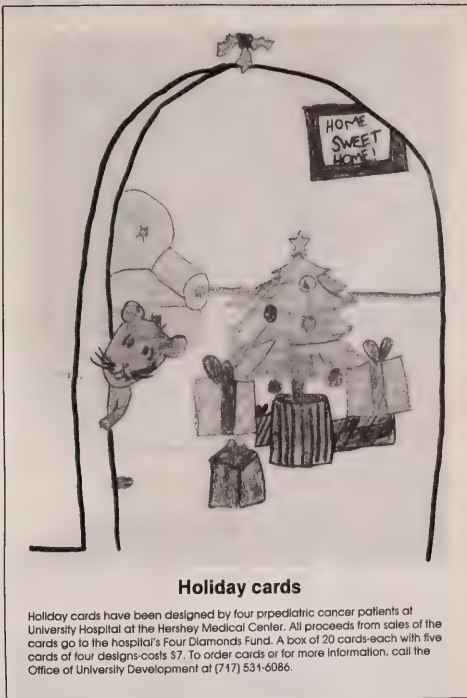
Exxon Corp. gift

The Exxon Corp. has given Penn State \$40,000 for a variety of academic programs in engineering, science and business.

"The amounts awarded to individual programs are related to Exxon's past and anticipated future hiring of Penn State graduates, with special emphasis on disciplines critical to our business," Terry L. Walker, Exxon's departmental grants program officer, said.

Departments receiving grants include chemical, civil, electrical, mechanical, mining and petroleum engineering; accounting; business administration; chemistry and computer science. The departments can use grants to meet the most pressing needs in research or instruction.

Over the past five years, the Exxon Corp., through its affiliated foundation and other companies, has given Penn State more than \$930,000 for academic purposes.



Holiday cards

Holiday cards have been designed by four predoctoral cancer patients at University Hospital at the Hershey Medical Center. All proceeds from sales of the cards go to the hospital's Four Diamonds Fund. A box of 20 cards—each with five cards of four designs—costs \$7. To order cards or for more information, call the Office of University Development at (717) 531-6086.

Ford Foundation

The Ford Foundation has awarded the University two grants totaling \$80,000 to support separate programs in graduate studies and agricultural research.

The award includes \$47,000 for two fellowships for faculty or students who are members of racial or ethnic minorities.

Christine Clark-Evans, assistant professor of French, received a postdoctoral fellowship. Miguel Diego DeOlivera of Carmichael, Calif., a graduate student in geography, received a predoctoral fellowship.

The remaining \$33,000 will support the work of the Center for Agricultural and Livestock Research for the Humid Tropics, a unit of the Department of Biology.

Libraries Development Advisory Board members named

As the Penn State Libraries begins its 1990-91 annual campaign, a new chairman, vice chairman and five new members have been named to the Libraries Development Advisory Board for a three-year term, which began July 1.

Donald M. Cook, president of SEMCOR Inc., Mt. Laurel, N.J., and a member of the University Board of Trustees, is serving as chairman. Mr. Cook has been very active in University affairs and currently is serving his second three-year term on the Board of

Trustees.

A.M. "Don" MacKinnon, chairman and chief executive officer of DNA Pharmaceutical Inc. of Connecticut, is serving as vice chairman.

The five new members are: Donald Devoritis, president of Blair Electric Service Co.; Blair Design and Construction Co. and Blair Sign Co., Altoona, recently has served as co-chair in the Altoona area for the effort to raise funds for an endowed faculty chair in

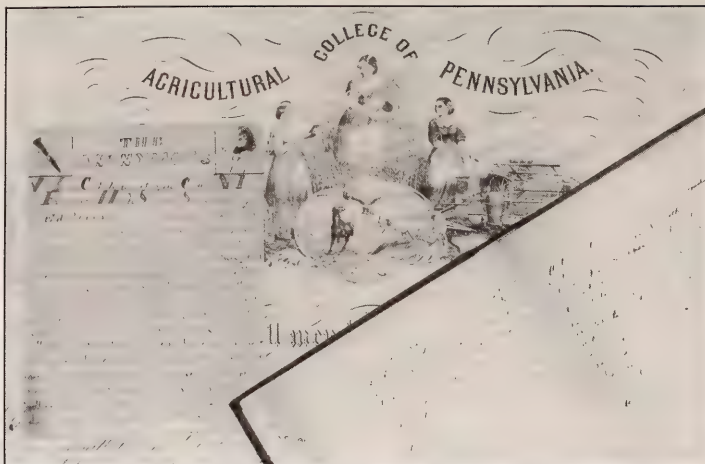
Jewish studies at Penn State.

Marvin Krasnansky, vice president of corporate relations for McKesson Corp., San Francisco, Calif., chaired The Campaign for Penn State's regional major gifts area in the San Francisco Bay area and Pacific Northwest.

John Lopez, a native of Long Island, is president and CEO of HRI Inc. State College, and has been instrumental in securing corporate support for the Libraries' Paterno Libraries Endowment fund.

Barry Robinson, attorney in private practice in Washington, D.C., is serving as a member of the Penn State Board of Trustees and the Alumni Council Executive Board.

Raymond Shibley, attorney and partner for Leboeuf, Lamb, Leiby and MacRea in Washington, D.C., was active in The Campaign for Penn State and served on the Executive Committee and chaired the Campaign's regional major gifts effort in the Washington, D.C., area.



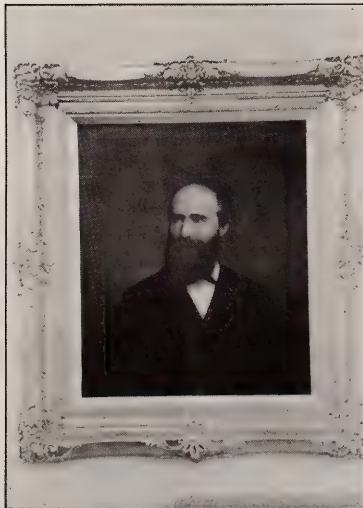
This montage of early Penn State historical documents includes the University's first printed diploma awarding a master of scientific agriculture degree to John Irwin Thompson, 1862; Volume 1, Number 1 of 'The Anonymus,' 1859, the first student publication; and Evan Pugh's travel diary of his trip through the Hartz Mountains of Germany in 1855.

Penn State Room

The University's history is documented in the University Archives/Penn State Room in Pattee Library at University Park. (Photos: Greg Grieco)



Lee Stout, University archivist and librarian, Special Collections.



This framed portrait of James Y. McKee hangs in the Penn State Room. He was professor of English literature and ancient languages (1867-91), vice president of the University (1870-91) and acting president (1881-82).

Adult learner population is on the increase

Fueled by previous work or military experience and often possessing first-hand parenting skills, the adult learner is becoming a more common sight on University campuses.

"Adults 24 years of age and older comprise 17 percent of the total undergraduate enrollment at Penn State," **Charlene H. Harrison**, acting director of the Returning Adult Student Center, said. "This student population is on the increase, particularly at campuses other than University Park."

At 10 locations (Berks, Delaware County, DuBois, Fayette, Great Valley, Harrisburg, New Kensington, Schuylkill, Shenango and York), adult learners comprise 30 percent or more of the undergraduate student population. At University Park, more than 8 percent of undergraduates fall into the adult-learner category.

"An adult learner at Penn State is defined as a student who has been away from formal, full-time education for at least four years, or is a veteran of the armed forces, or is 24 years of age or older," she explained. "It is also a student who assumes other adult roles, such as parenthood and employment."

Nationally, the National Center for Education Statistics projects enrollments of adult students will increase through the end of the decade, with the largest rise in the 35- to 44-age bracket.

While Penn State uses a student's date of birth as one criteria for defining his/her standing, the age characteristic alone does not adequately describe the variety found among adult learners.

Ms. Harrison said the Returning Adult Student Center works with adult learners who are single parents and young veterans of the armed service, as well as with

This article is part of an ongoing series on the classroom and out-of-classroom environment at the University.

people who have returned to school to enhance their job potential or prepare for new careers.

These students often are indistinguishable from the traditional-aged students, except for some gray hair and a more mature bearing. However, there are differences between the two groups.

"Adult learners perform better academically than traditional-aged students," Ms. Harrison said. "They are excellent students who are more concerned with getting value for their money than younger students. Often they have higher expectations and are more serious about their pursuits."

In a university-wide comparison of grade-point averages, she found that adult learners outperform traditional-aged students. For example, last fall semester's grades at Altoona Campus showed that the average GPA for students 24 years and older was 3.24, compared with 2.62 for students under 24. At University Park, adult learners posted an average GPA of 2.91, compared with 2.80 for students under 24.

Most undergraduate adult students (44 percent) are enrolled as nondegree students; 37 percent are enrolled in baccalaureate degree programs, 11 percent are in associate degree programs and 8 percent have

provisional status. Two-thirds study part time, and one-third study full time. Fifty-two percent are female.

"Most adult learners return to school as a result of some type of trigger, such as having a baby, being promoted, getting fired, having a heart attack, getting divorced, joining the military or retiring. This trigger causes a need for learning," Ms. Harrison said.

The University's Academic Renewal Program offers students who have been away from Penn State for a least four years an opportunity to start over with a clean slate, she noted. While all courses with C or higher grade can be applied toward graduation, students start with a new GPA.

"Academic Renewal is designed to give former University students a second chance," she said.

Ms. Harrison believes that the University is in a position to take advantage of changing demographics to recruit more adult learners.

"Some areas that need attention to attract larger numbers of adult learners are: more affordable housing options, better child care provisions, and an increased understanding and awareness of the differences in learning styles and expectations between adult learners and traditional-aged students."

"A lot of adult learners are persisting with their educational goals through some incredible circumstances. They are delaying income and gratification over long periods of time to reach something that they consider precious — education."

For information on programs and services available to adult learners, contact the Returning Adult Student Center at 323 Boucke Building, University Park, 863-3887.

—Deborah A. Benedetti



Awards for Excellence

Recipients of the first Commonwealth Educational System Awards for Excellence are, from left, Maria Russoniello, director of university relations, Penn State Worthington Scranton Campus, Best Alumni Relations Program; Charles Fehr, director of university relations, Penn State Berks Campus, Best Development Program; Denise Foran, director of university relations, Penn State Schuylkill Campus, Best University Relations Program. Mr. Fehr received the overall CES award for commitment in all three categories.

Nominations being sought for Graduate School associate dean

Nominations and applications are invited for the position of the associate dean of the Graduate School. The search will be conducted internally. The position is a full-time, 12-month appointment and will be available July 1, 1991.

The associate dean is the operations officer for the day-to-day management of the Graduate School and has academic oversight for graduate studies at the five graduate campuses of the University.

The Graduate School offers 18 academic and professional degrees in more than 130 fields. Penn State ranks 17th in the United States in the number of doctorates conferred.

Qualifications for the position include: rank of professor and senior member of the Graduate Faculty; significant scholarly and research accomplishments; demonstrated leadership and interpersonal skills; experience in the guidance of graduate student research and education; commitment to high-quality disciplinary and interdisciplinary graduate programs; understanding of the major issues and trends affecting graduate programs; ability to promote cooperation in a multi-campus environment, and understanding and support for the University's multiple missions and its commitment to cultural diversity.

Charles R. Krueger, associate dean for

research, College of Agriculture, has been named chair of a search committee appointed to identify candidates for the position. Other committee members are **Eunice N. Askov**, professor of education and director, Institute for the Study of Adult Literacy; **John D. Connor**, professor of pharmacology; **Lynne Feagans**, professor of human development; **Andrew Jackson**, graduate student representative; **Roy Hammerstedt**, professor of biochemistry; **Joseph Kockelmanns**, distinguished professor of philosophy; **George L. Mauner**, distinguished professor of art history and director, Institute for the Arts and Humanities Studies; **Philip J. Morris**, professor of aerospace engineering; **Robert E. Newham**, Alcoa professor of solid state science; **Howard Pickering**, distinguished professor of metallurgy; and **Matthew Rosenzweig**, director of academic affairs, Penn State Great Valley.

The search committee will begin to review applications in mid-January and continue to receive them until a candidate is selected. Women and minority faculty members are encouraged to apply. Letters of application, accompanied by a curriculum vitae, and nominations should be submitted to Charles R. Krueger, chair, Search Committee for the Associate Dean of the Graduate School, 201 Old Main, University Park.

Focus on the arts

'The Nutcracker'

This week, University Park will be the first place to see a new, million-dollar production of "The Nutcracker." The final touches are now just being completed on the Pittsburgh Dance Company's biggest and most costly show ever.

Before they begin their lengthy holiday run in Pittsburgh, the dance company members will perform two shows in Eisenhower Auditorium at 8 p.m. Friday, Dec. 7, and at 3 p.m. Saturday, Dec. 8.

The production combines the best of both old and new. With Tchaikovsky's score, the dancers will follow the choreography of the legendary George Balanchine. They are only one of four companies in the country performing this version.

Also new, the show welcomes to the stage 67 children from Altoona, Lewistown, State College and other towns in Central Pennsylvania who were selected from an open audition held in October.

Tickets are available through the Eisenhower Auditorium Ticket Center, open weekdays and Saturday 8:30 a.m. to 4:30 p.m. Call (814) 863-0255.

New Christmas cassette

Tous the Night before Christmas, the all-time best selling, gold record album by Fred Waring and the Pennsylvanians, is now available on cassette from Fred Waring's America. WPSX-TV, Penn State Television.

The album of Christmas favorites is no longer available in record stores, but a licensing agreement with MCA Records has made it possible for Penn State to again offer this popular album to the public, for a price of \$15.

The album includes such favorites as "Jingle Bells," "Rudolph the Red-Nosed Reindeer," "Santa Claus Is Coming to Town" and nine carols, including "Silent Night," "O Holy Night," "Carol of the Bells," and "Adeste Fideles."

Further information may be obtained from Peter Keifer, coordinator of Fred Waring's America and producer of the album, 220 Service Building, University Park, Pa. 16802. Phone (814) 863-2911.

The arts on Channel 3

Christmas with the Mormon Tabernacle Choir and Shirley Verrell, an hour-long concert of popular and traditional Christmas classics, airs at 10 p.m. Friday, Dec. 7, and at 2 p.m. Saturday, Dec. 8.

Metropolitan Opera star Luciano Pavarotti celebrates the spirit of Christmas in a commanding performance when WPSX presents *A Christmas Spirit* with Luciano Pavarotti at 10 p.m. Saturday, Dec. 8, and at 5 p.m. Sunday, Dec. 9.

From the majestic Notre Dame Cathedral in Montreal, the internationally acclaimed Pavarotti highlights this program of Christmas favorites, which includes performances by the Canadian boys choir, Les Petits Chanteurs du Mont-Royal, and the adult choir, Les Disciples de Massenet.



Ken Graves, associate professor of art, will have a month-long exhibit of collages at the O.K. Harris Gallery in New York City, opening Jan. 12.

Former conductor of the Montreal Symphony Orchestra Franz-Paul Decker leads the orchestra in this holiday special featuring Mr. Pavarotti performing solo and with the two choirs.

Art school works

A one-day multi-media exhibition of artwork created by students from the Saturday Morning Art School will be held from 9 a.m. to 4 p.m. Saturday, Dec. 8, in Chambers Gallery at University Park.

The Saturday Morning Art School is an eight-week program sponsored by the School of Visual Arts and under the direction of Robert Ott, art education professor and president of the Pennsylvania Art Education Association.

The works included in the exhibition were selected by the student teachers as those that best represented what each class was trying to accomplish.

Odyssey on WPSU

Russian poet Marina Tsvetaya writes suicide poetry that also is love poetry, says Michael Naidan, associate professor of Slavic languages, on the next episode of "Odyssey Through Literature."

"Essentially, it's love poetry," he explains, contrasting Ms. Tsvetaya's poems with those of Sylvia Plath.

On "The Spirit of the Gulf," the Dec. 19 episode of "Odyssey Through Literature," Vivian Thomlinson of Cameron University in Oklahoma discusses Kate Chopin's novel *The Awakening*.

Ms. Thomlinson and host Leonard Rubinstein, professor emeritus of English and comparative literature, find parallels in the development of the novel and in the legends of King Arthur, seeing in the novel's heroine, Edna Pontilard, a knight on a chivalric quest.

An artist doesn't have to be burdened by tradition. In fact, he can shift the burden backwards and influence his precursors." So

says Lois Parkinson Zamora, an English professor from the University of Houston, on the Dec. 26 episode of "Odyssey Through Literature."

Speaking of Latin American literature and art, Ms. Zamora and Professor Rubinstein discuss how tradition and technique combine to create "explosive" artwork.

"Odyssey Through Literature" is produced by the Department of Comparative Literature, with audio-production services by WPSX-TV. It airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Holiday Gathering

A Holiday Gathering replacing the annual holiday exhibition "Festival of Trees" will be held from 7 to 9 p.m. Sunday, Dec. 16, in the Palmer Museum of Art at University Park.

Seasonal music and holiday food and spirits will be offered around a tree designed and decorated by State College artists Stuart Frost and Roger Zellner.

The museum's store will be stocked with unique holiday gifts, which will be sold at a 25-percent discount to those attending the gathering. Also, a Steuben glass treasure will be presented to one lucky guest.

Tickets are \$18 per person. Reservations must be made by Dec. 7. For more information or to make reservations, call the museum at (814) 865-7672.

Pattee exhibit

Recent art works by Jennifer Slick are on display in the Lending Services Gallery of Pattee Library through Dec. 21. The show includes abstract drawings done in pencil, ink, or watercolor.

Ms. Slick received her bachelor's degree in art from Penn State in 1981. She has taught a variety of art classes at the HUB Craft Centre and has exhibited at the Art Alliance in Lemont.

Printmaking exhibit

Michael Bischof's senior printmaking show is on exhibit in the West Corridor Gallery of Pattee Library through Dec. 21. The works are a collection of mostly lithographs and photo-etchings that voice concern for animal welfare in the agriculture industry and the hunting environment.

Village Crafts exhibit

The final exhibit of the Central Pennsylvania Village Crafts Inc., a non-profit crafts organization soon to be dissolved, is on display until Jan. 5 in the Formal Gallery of the Hetzel Union Building at University Park.

The work exhibited is the results of quilts and dolls designed by the organization's craftspeople in the past year through an education program funded by the expansion arts program of the National Endowment of the Arts and the Pennsylvania Council on the Arts.

Institute fellowships

The Institute for the Arts and Humanistic Studies has awarded research fellowships to nine faculty members for the period of January to June 1991. Recipients are:

■ **Phyllis Cole**, professor of English at the Delaware County Campus, to prepare a biography of Mary Moody Emerson, aunt and family mentor of Ralph Waldo Emerson.

■ **Ronald Ippell**, professor of labor studies, to prepare a book, *Cultural Cold War: The United States and the French Intellectuals, 1945-1950*.

■ **Charles Gibbons**, associate professor of art at the New Kensington Campus, to create a series of paintings of the aurora borealis.

■ **Paul Harvey**, associate professor of history, to complete a scholarly edition of Saint Jerome's "Lives" of Paul the Hermit, Malchus and Hilarion.

■ **David Lachternauer**, professor of philosophy, to prepare a monograph, *Mathematics, Method and Metaphysics from Maimonides to Maimon*.

■ **William Mahar**, associate professor of humanities and music at Penn State Harrisburg, to prepare a book on American Blackface minstrelsy.

■ **William Peterson**, senior research associate in religious studies, to complete a book on the "Diatessaron."

■ **William Uricchio**, associate professor of communications, to prepare a book on the development of German television through 1944.

■ **Paul Youngquist**, assistant professor of English, to prepare a book, *Romantic Melancholy: The Making and Unmaking of the Self from Blake to Freud*.

Carpooler

Joe needs a ride from Philipsburg to University Park. Work hours are 8 a.m. to 4:30 p.m. Call 865-6713 or 342-2745.

University Park Calendar

December 6--
January 13

Special Events

Thursday, December 6

Careers in the Arts, 10-11:30 a.m., Palmer Museum of Art. Pier Bandini on "Computers in Architectural Design."
Bach's Lunch Concert, 12-10-12:30 p.m., Eisenhower Chapel. Voice students of Suzanne Roy. Christmas music.

Penn State Chapter of Educational Office Personnel, 12-10 p.m., 110 Henderson Dr., Charles M. Super on "Completing the Circle: Staff Evaluation of the Office Climate."
School of Music, 8 p.m., Schwab Aud. Holiday Sounds in Brass and Voices.

Friday, December 7

Classes end 9:30 p.m.
■Geog. Coffee Hour, 4 p.m., 319 Walker. Kris Kringle. United Nations Univ., on "Global Patterns of Reciprocity."
Center for the Performing Arts, 8 p.m., Eisenhower Aud., "The Nutcracker" Pittsburgh Ballet Theatre. Also Dec. 8, 3 p.m.

Saturday, December 8

School of Visual Arts, 9 a.m.-4 p.m., Chambers Gallery. Saturday morning art school open house.

Sunday, December 9

Shaver's Creek. members holiday party, 2-4 p.m. Call 863-2000.

Thursday, December 13

Commission for Women meeting, 1:30-3:30 p.m., 101 Health and Human Dev. East

Friday, December 14

Bloodmobile, 9 a.m.-3 p.m., Physical Plant.

Saturday, January 5

Commencement, 10:30 a.m. and 2 p.m., Rec Hall.

Wednesday, January 9

Arrival day for new students

Friday, January 11

Trustees meet at University Park, through Jan. 12.

Registration deadline.

Neutron Activation Analysis Workshop, 8:15 a.m.-4:30 p.m., Breazeale Reactor.



Janet Popeleski and Steven Annegarn dance the roles of the Sugar Plum Fairy and the Cavalier in the Pittsburgh Ballet Theatre's production of "The Nutcracker." See the story on page 8.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m. "Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubenstein

Seminars

Thursday, December 6

Physics Colloquium, 3:30 p.m., SS Osmond Lab.

Paul Steinhardt, Univ. of Pa., on "The Inflationary Universe."
Computer Science, 4 p.m., 325 Whitmore Lab. Jin-yi Cai, Princeton Univ., on "Games of Incomplete Information and Bounded Reward MIP."

Friday, December 7

■Center for Research in Conflict and Negotiation, 2:30 p.m., 115 Beam. Howard Raiffa, Harvard, on "International Negotiations on Global Climate Change."

Monday, December 10

Aerohydrodynamics Technical Group Seminar, Center for Acoustics and Vibration, 3:45 p.m., 232 Hammond.

Tuesday, December 11

Condensed Matter Physics, 4 p.m., 339 Davey Lab. Dr. Edward Conrad, Univ. of Missouri, on

"The High Temperature Structure of Low Index Metal Surfaces"

Monday, December 17
Particulate and Chemical Acoustics Technical Group Seminar, Center for Acoustics and Vibration, 3:45 p.m., 232 Hammond.

Exhibits

HUB Galleries

Formal Gallery:
Central Pennsylvania Village Crafts Inc., through Jan. 5

Palmer Museum of Art

■The Save River: A New History, through Dec. 21.
Florence Patterman, A 20-Year Survey, 1970-'90, through Jan. 13

Pattee Library

East Corridor Gallery:
The Essential West: A Collection of Photography 1988-90, through Dec. 15

West Corridor Gallery:

Michael Bischof, printmaking show, through Dec. 21.

Lending Services Gallery:

Jennifer Slick, art works, through Dec. 21.

Rare Books Room:

Christmas materials from the Allison-Shelley Collection, through Jan. 1

Zoller Gallery:

School of Visual Arts, MFA Exhibition, through Dec. 14.

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather-234, Arts Line-345; University Calendar-456.

■Reflects an international perspective

New center on aging and health is established

The National Institute on Aging has awarded a \$750,000, three-year grant to the Institute for Policy Research and Evaluation for an exploratory center on the health and effective functioning of older rural populations.

The newly established Center on Aging and Health in Rural America brings four administrative units - Population Issues Research Center, Gerontology Center, Center for Health Policy Research and the Department of Agricultural Economics and Rural Sociology - together to conduct interdisciplinary research in issues of population, aging and health and rural America.

Principal investigator on the grant and director of the center is Dennis P. Hogan, professor of sociology and director of the Population Issues Research Center. Steven

H. Zarit, professor of human development and assistant director of the Gerontology Center, is the associate director of CAHRA.

Other members of the executive committee include C. Shannon Stokes, professor of rural sociology and head, Department of Agricultural Economics and Rural Sociology; Larry D. Gamm, associate professor of health policy and administration and director of the Center for Health Policy Research; and Diane K. McLaughlin, deputy director of the Center on Aging and Health in Rural America.

The new center will provide researchers with opportunities to form interdisciplinary teams that will generate new research ideas and approaches, foster a rural focus in existing research on aging and health; and encourage expansion of rural research programs to include aspects of aging and

health.

An advisory committee has been established to guide and monitor CAHRA's activities. The co-chairpersons are K. Warner Schaie, director of the Gerontology Center, and Irwin Feller, director of the Institute for Policy Research and Evaluation.

Other advisory committee members are Michael A. Smyer, associate dean for research and graduate studies, College of Health and Human Development; William B. Lacy, assistant dean for research and director of the Experiment Station, College of Agriculture; Melvin Horowitz, professor of medicine and coordinator of the Geriatric Program at the Hershey Medical Center, and Sherman A. James, professor of epidemiology and research scientist, University of Michigan.

Bookshelf

Kyle Peck and Elaine Yates-Hendrix, assistant professors of education, have published a new software package through Intellimation Library for the Macintosh. *Diagnosing Reading Abilities* consists of case studies to which are applied the central theories and concepts of informal reading assessment. Users administer many diagnostic instruments to a student's case, evaluate the results, take notes, and recommend appropriate courses of action.

The software presents a broad spectrum of diagnostic techniques, offers a thorough reference section with background information on instruments and ideas, provides extensive data-gathering abilities, and trains prospective teachers in assessment of reading ability, case analysis, identification of reading weaknesses, and prescription of instructional procedures.

German shepherd plays key role for University Police Services

One of the University's law enforcement officers is a breed apart.

Reicher, a 5-year-old German shepherd joined Police Services in 1988 as a tracking and drug detection dog. Since he joined the force, Reicher has played a key role in locating missing persons, tracking suspects and drug seizures.

One of his best performances was tracking a local woman who had overdosed on drugs and wandered away from her home. Reicher found the woman quickly, enabling her to get prompt medical attention.

Reicher also was involved in finding and apprehending a prison escapee, who was found sleeping in a parked car in Parking Lot 40 at University Park. The prisoner fled on foot, and Reicher was called to track him, later locating him hidden in a bush near Eisenhower Auditorium.

The Department of University Safety began researching the possibility of acquiring a dog in 1986, according to Tom Harmon, director of Police Services. The department researched other universities' canine programs, such as the University of Maryland, which led Mr. Harmon to the dog training program at Baltimore County Police Department.

Officer Paul Stamm, a 20-year veteran of the force, volunteered to work with a four-legged partner because "it was something different, a change of pace."

Officer Stamm's first dog failed, but the second time proved to be the charm with Reicher.

"When I first met him, I couldn't even get him in the car, but within a few hours, he warmed up to me," Officer Stamm said about his brown-eyed, black and tan companion.

The two completed a total of 30 weeks

of training in obedience, tracking and drug detection in Baltimore County.

"It is unusual for a dog to have the capacity to do both tracking and drug detection, but Reicher has an excellent sense of smell," Mr. Harmon said. "He is just outstanding."

Reicher does enjoy his job, especially riding in his specially designed cruiser, fitted with a cage instead of a back seat. He is the only police dog trained in tracking in Centre County and, therefore, often is used by local law enforcement departments.

In addition to his police work, Reicher also frequently visits local civic organizations. Although Reicher's 95-pound frame and loud bark appear intimidating, he is good with people, doesn't mind an occasional rub behind the ears and has never bitten anyone.

"He's always a hit," Officer Stamm said.

To keep his tracking and drug detection skills sharpened, Reicher, along with Officer Stamm, attend monthly two-day refresher courses in Baltimore County.

The team are partners off duty as well.

The program requires that the animal and officer live together, but at home, Officer Stamm considers Reicher the family pet.

"My wife spoils him," he said. "If we have steak, so does Reicher."

The canine program is funded by Penn State Police Services and a federal drug enforcement grant.

"Overall, we are pleased with the program and with Reicher," Mr. Harmon said. "We have made some good apprehensions because of him."

Officer Stamm agrees. "You can't be sure what would have happened if we didn't find the woman who overdosed, but one find like that makes the program worth it."

—Tricia Smith



Penn State People

Jo Anne Williams

A member of the University Libraries staff since March 1970, Jo Anne Williams is a periodical library assistant at Pottee Library. Her responsibilities include interviewing, hiring, supervising and training a staff for the periodicals room that includes three full-time clericals, four part-time nonstudent staff members and 18 student staff members. The periodicals room has current magazines and journals in the education and social sciences fields, general interest periodicals and current newspapers. Ms. Williams says, "The most enjoyable part of the job is working at the reference desk, answering questions from library patrons." She also enjoys training other staff members. (Photo: Greg Grieco)

Australian studies group established

The Australian Studies Association of North America, recently established at the University, will foster closer ties between the United States and its Pacific Rim counterpart, according to Henry S. Albinski, director of the Australia-New Zealand Studies Center.

"We feel it is important to enhance the quality of U.S. Australian relations," he said. "Australia shares a common culture with the United States and closely complements U.S. economic and political interests, without being a handmaiden of the United States."

A group of scholars from the United States, Canada, Britain and Australia met the University Park Nov. 16-17 and laid the groundwork for ASANA, with Dr. Albinski being named steering committee chairman.

Conference funding was jointly provided by the center, the University Office of International Programs and the Australian

Department of Foreign Affairs and Trade.

The first official ASANA conference is scheduled for the University of Oregon next year.

The Nov. 16-17 meetings were attended by Christopher Lamb, minister at the Australian Embassy in Washington, D.C., and the Hon. Christopher Hurford, Australian consul-general in New York City. Also attending were officers from the American-Australian Studies Foundation in New York, which mobilizes funding for Australian studies in the United States.

"ASANA is a natural outgrowth of the center at Penn State, the first of its kind, which was founded in 1982 and extended in 1987 to include New Zealand," Dr. Albinski said.

A second Australian center, established at the University of Texas in 1988, was among the units represented at the November meeting.



Reicher and Officer Tammy Hogan-Hinton
(Photo: Greg Grieco)

University Ambulance Service ready to respond

Ready to give service to every University Park student, visitor, staff and faculty member 365 days a year, the University Ambulance Service responds to more than 1,200 calls a year with an outstanding average response time of 90 seconds. This out-the-door time is considerably faster than the average in Centre County or in Pennsylvania as a whole.

Penn State's emergency medical service at University Park also routinely provides back-up service for regional community ambulance services.

So far this year they have responded 135 times in place of the Alpha Volunteer Ambulance Service and have responded an additional 85 times to requests from Bellefonte, Mifflinburg, Port Matilda, Pleasant Gap and Centre Hall, Pennsylvania law requires all ambulance services to have prearranged back-up agreements with neighboring services.

"It is an unusual service because on evenings and weekends, it is primarily operated by highly trained students and provides a combination of emergency medical services and educational program support," David J. Lindstrom, assistant director of University Health Services and the administrator in charge of the Office of Emergency Medical Services, said.

With a fleet of two ambulances and a staff of three professionals, 35 full-time students who are emergency medical technicians or paramedics certified by the Pennsylvania Department of Health and 12 trainees, Penn State's ambulance service emphasizes patient care and community service. It has been part of the University Health Service system since the 1950s and costs student patients approximately 30 percent less than similar public services since it is subsidized by the University.

The *Journal of Emergency Medical Services* called it an excellent model for rural emergency management services. The University of California at Los Angeles modeled its program after Penn State's, and the television series "Rescue 911" has discussed featuring the service largely because of the way the ambulance service educates and uses students.

In addition to the 126-hour certification program in emergency medicine to become technicians, students participate in programs to stay abreast of new developments in areas such as dispatch systems,



David Lindstrom left, assistant director of University Health Services in charge of the Office of Emergency Medical Services, discusses emergency procedures with student staff members Tom Wiggins, Art Jones and Chris D'Esposito. (Photo: Greg Grieco)

coordinating emergency medical services for sporting and entertainment events and responding to hazardous materials incidents like chemical spills.

The students also help the professional staff teach the emergency medical technician course, Health Education 403, offered in conjunction with the Seven Mountains Emergency Medical Service Council. They also help train agricultural accident rescue personnel in Pennsylvania and help plan educational and special event services at University Park and throughout the Commonwealth Educational System.

The out-of-class educational value of being a member of the organization is undeniable. In the last 10 years

University Ambulance Service graduates have become physicians, registered nurses, health administrators, paramedics, police officers, lawyers involved in health care, emergency medical technician instructors, and the service has produced more than 300 volunteer technicians and paramedics.

"Although they have different majors, backgrounds and outside interests, the students develop a strong professional commitment to EMS," Mr. Lindstrom said. "We've had some dynamic student leaders who will continue their concerns for patient care and emergency medical services in their careers and volunteer service to their communities."

- Carolyn Juskeles

Search committee for IRP director appointed

L. Raymond Hetche, director of the Applied Research Laboratory, has been named chair of a search committee to identify candidates for the position of director, Intercollege Research Programs (IRP).

Other committee members are **David R. DeWalle**, professor of forest hydrology; **Robert Gould**, graduate student representative; **Dennis P. Hogan**, professor of sociology and director, Population Issues Research Center; **June I. Medford**, assistant professor of biology; **Kant Rao**, associate professor of business administration; **Robert J. Santoro**, associate professor of mechanical engineering and acting director, Center for Particle Science and Engineering; **Walter B. Sevens**, professor of pharmacology; **William D. Taylor**, associate dean for research, Eberly College of Science; and **William B. White**, professor of geochimistry.

The search for the position, a full-time,

12-month appointment, will be conducted internally. The director reports to the senior vice president for research and dean of the Graduate School.

The director has management and budgetary oversight for 14 intercollege research units. Intercollege Research Programs accounted for over \$66 million in research expenditures in fiscal year 1989-90. Over 900 faculty, graduate students, and staff participate in these units, the largest of which are the Applied Research Laboratory, the Materials Research Laboratory, the Pennsylvania Transportation Institute, the Environmental Resources Research Institute, and the Institute for Policy Research and Evaluation.

Qualifications for the position include: rank of associate or full professor and senior member of the Graduate Faculty; significant scholarly and research accomplishments; commitment to high

quality interdisciplinary research; ability to develop strategic plans, cultivate innovation, facilitate collaboration, and manage resources; evidence of success in securing financial support for research purposes, and broad knowledge of issues and trends affecting sponsored research and understanding and support for the University's multiple missions and its commitment to cultural diversity.

The search committee will begin to review applications in mid-January and continue to receive them until a candidate is selected. It is anticipated that the successful candidate will assume the position in July 1991. Women and minority faculty members are encouraged to apply.

Letters of application, accompanied by a curriculum vitae, and nominations should be submitted to L. Raymond Hetche, chair, Search Committee for Director, Intercollege Research Programs, Box PSI, 201 Old Main, University Park.

Bookshelf

David A. Kurtz, pesticide analytical chemist in the College of Agriculture, is the author of *Long Range Transport of Pesticides*, published by Lewis Publishers of Boca Raton, Fla., a division of CRC Press.

"The study of how contaminants are transported throughout the world has become increasingly important as we are discovering the limits of the earth to absorb waste," Dr. Kurtz said.

The text explains how pesticides enter a transport system, are transported across international boundaries and are deposited in regions far from their starting point of application. It is based on a symposium held in conjunction with the American Chemical Society meeting and the Third Chemical Congress of North America in Toronto in June 1988.

Dr. Kurtz received his bachelor's degree from Knox College, and his master's and doctoral degrees from Penn State, all in chemistry. He recently marked 25 years in pesticide research at Penn State.

Penn Staters

Rustum Roy, Evan Pugh professor of the solid state, gave the opening talk at the International Conference on New Diamond Science and Technology in Arlington, Va.

Frank W. Schmidt, professor of mechanical engineering, presented a paper, "A Comparison of Turbulence Modeling Predictions to Experimental Measurements for High Rayleigh Number Natural Convection in Enclosures," at the 9th International Heat Transfer Conference in Jerusalem.

Alok Sinha, associate professor of mechanical engineering, chaired a seminar session and presented a paper, "Analytical Studies of Forced Response of a Mismatched Bladed Disk Assembly in Subsonic Flow," at the 35th International Gas Turbine Aero Engine Conference and Exhibition in Brussels, Belgium.

Martin L. Barrett, assistant professor of computer science, presented the paper "A Load Balancing Experiment for Parallel Ray Tracing" at Ausgraph '90, the Conference of the Australian Computer Graphics Society, in Melbourne, Australia.

Ramon Borges, assistant professor of engineering at the Penn State Altoona Campus, presented invited papers at the annual Conference of the American Society for Engineering in Toronto, Canada, and at the International Conference on Computer-Aided Training in Science and Technology in Barcelona, Spain.

A. Welford Casileman Jr., Evan Pugh professor of chemistry, organized and chaired the first Gordon Conference

held outside the United States in Volterra, Italy. He also delivered an invited talk on the reactions of metal cluster anions at the Fifth International Symposium on Small Particles and Inorganic Clusters held in Konstanz, West Germany.

Cordell Hatch, professor of agricultural communications, now on assignment in Pakistan, has received the 1990 International Award of Excellence sponsored by Agricultural Communications in Education in honor of his dedicated service and outstanding contributions to agricultural development through better information and technology transfer in third world countries.

Binh Le, assistant librarian at the Penn State Gontz Campus, presented the paper "The Literature of the Vietnamese-American Conflict" at the 33rd International Congress of Asian and North American Studies at the University of Toronto.

Norbert J. Mayr, assistant professor of history at the Penn State Worthington Scranton Campus, presented a paper on "Limits of Liberalism in Early 19th Century Bavaria" during the annual Day of Bavarian History (Tag der bayerischen Geschichte) at the Institute for Bavarian History (Haus der bayerischen Geschichte) in Munich.

Adrian O'Connell, professor of mathematics, gave an invited lecture titled "Quantum Symmetry: Classification of Subfactors and Quantum Field Theory" at the International Congress of Mathematicians in Kyoto, Japan.

James Smith, associate professor of English at the Penn State Gontz Campus, delivered the paper "Bugsy's Flamingo and the Modern Casino Hotel" at the Eighth International Conference on Risk and Gambling in London, England.

Gerhard F. Strasser, associate professor of German and comparative literature, presented an invited paper on "Mathematical-Combinatorial Languages at the Time of John Wilkins" at a symposium on "John Wilkins (1614-72): Language, Religion, and Science in the 17th Century" at St. Peter's College, Oxford, England.

Leslie Ellen Brown, director of academic affairs and associate professor of musicology at the Penn State Beaver Campus, presented a paper titled "The Common Sense School and the Science of Music in Eighteenth-Century Scotland: A Look at John Holden's *Essay Towards a Rational System of Music*" at the "Glasgow and the Enlightenment" symposium in Glasgow, Scotland.

Geoffrey C. Godbey, professor of leisure studies, has been elected a Fellow of the American Academy for Park and Recreation Administration.

Dennis S. Gouran, professor and head of the Department of Speech Communication, has been selected Speaker of the Year by the Speech Communication Association of Pennsylvania.

Philip A. Klein, professor of economics, has been designated as the 1990 recipient of the Veblen-Commons Award, the highest professional honor

in the Association for Evolutionary Economics.

Anne C. Petersen, dean of the College of Health and Human Development, has been invited to membership on the Expert Panel Advisory Board of the American Medical Association.

Harriet J. Rudolph, assistant professor of speech communication at the Penn State Hazleton Campus, has received the 1990 Distinguished Service Award of the Speech Communication Association of Pennsylvania.

Barbara W. Uncapher, assistant professor of speech communication at the Penn State New Kensington Campus, has been elected vice president of the Speech Communication Association of Pennsylvania.

H.L. Barnes, distinguished professor of geochemistry and director of the Ore Deposits Section, and **A.W. Rose**, professor of geochemistry, co-chaired a workshop on "The Geology and Geochemistry of Gold Deposits" in Minas Gerais and Bahia, Brazil.

L.G. Austin, professor emeritus of fuels and mineral engineering, presented a paper at the 2nd World Congress on Particle Technology in Kyoto, Japan. He also served as a professional fellow in chemical engineering at UMIST in the United Kingdom.

Hal R. Witteman, assistant professor of speech communication, has received the 1990 Emerging Scholar Award from the Speech Communication Association of Pennsylvania.

Promotions

Staff Exempt

Kenneth Rudy, to supervisor, RSEC support services in Engineering.
Gerald M. Santoro, to lead research programmer in C&IS: Center for Academic Computing.
Frank J. Schwab, to project manager in Office of Physical Plant.
Brian C. Tussey, to senior engineering aide in Applied Research Lab.

Staff Non-Exempt

Catherine F. Ashton, to clinical head nurse at Hershey.
June R. Daley, to clinical head nurse at Hershey.
J. Dwane Gehman, to research technician at Hershey.
Bonnie B. Griffith, to administrative aide in Corporate Controller's Office.

Marcella L. Immel, to IBIS training assistant in C&IS-Management Services.
Rebecca L. Roberts, to senior research technician at Hershey.

Clerical

Leann Anderson, to secretary C in Engineering.
Judith L. Bell, to secretary A in Education.
Dorothy S. Bennett, to clerk A in Undergraduate Education.
Judy I. Brown, to secretary A in Division of Development and University Relations.
Barbara M. Catherman, to accounting clerk in Agriculture.
Marian M. Cromer, to clerk A, data input in Undergraduate Education.
Michelle L. Diruscio, to clerk, insurance followup at Hershey.
Shirley Gates, to receptionist clerk A in Housing and Food Services.

June Y. Golletti, to clerk-typist A at Beaver Campus.
Daria J. Homan, to secretary B in Education.
Rachel L. Hoy, to clerk-typist A in Agriculture.
Joyce E. Ivicic, to clerk-typist A in Earth and Mineral Sciences.
Cheryl A. Keller, to secretary A in Agriculture.
Sarah E. Lehr, to clerk, records A at Hershey.
Mark Leskovansky, to senior clerk, Interlibrary Borrowing in University Libraries.
Ida M. O'Donald, to clerk-typist A in Agriculture.
Brenda L. Patterson, to budget clerk at Hershey.
Wendy L. Peck, to secretary B in research and Graduate School.
Melinda S. Zephery, to clerk, records A at Hershey.

Technical Service

Charles A. Addelman, to food preparer A in Housing and Food Services.
Sara C. Andrews, to group leader, Central Processing at Hershey.
Johnny L. Bloom, to storeroom assistant in Office of Physical Plant.
Sandra D. Boughter, to escort service aide at Hershey.
Kathy J. Foot, to residence hall worker in Housing and Food Services.
Henry A. Geyer, to stock clerk, truck driver in Housing and Food Services.
Bonnie Irvin, to utility worker at Hershey.
John P. Jenkins, to maintenance worker, general C at Berks Campus.
Robert J. Keller, to food preparer B in Housing and Food Services.
Kathy M. Lowery, to residence hall utility worker in Housing and Food Services.

Appointments



Irwin Feller

Irwin Feller, professor of economics and director of the Institute for Policy Research and Evaluation, has been named director of the Graduate School of Public Policy and Administration, effective Jan. 1, 1991.

The new school, approved by the Board of Trustees last November, is being created within the College of the Liberal Arts and the Graduate School from three existing units—the Graduate Program in Policy Analysis, the Department of Public Administration, and the Institute for Policy Research and Evaluation.

The restructuring was recommended as part of the University's strategic planning process.

Dr. Feller, who joined the University faculty in 1963, is professor of economics. He has been director of the Institute for Policy Research and Evaluation since 1978 and director of the Graduate Program in Policy Analysis since 1986.

He earned his bachelor's degree in economics from the City University of New York in 1959 and his Ph.D. in economics from the University of Minnesota in 1966.

A member of the American Economic Association and the Economic History Association, he also is a member of the Association for Public Policy Analysis and Management, International Joseph A. Schumpeter Society, American Association for the Advancement of Science, and the Cliometric Society.

William E. Crocken has been named head of the new Department of Integrative Arts in the College of Arts and Architecture. Created by the Board of Trustees last May, the department is the first addition to the College of Arts and Architecture since it was formed in 1963.

The Department of Integrative Arts offers a cross-disciplinary bachelor's degree program in the visual, performing and design arts. Students create their own degree programs based on personal interests and professional goals. The programs may be contained within the College of Arts and Architecture or can cross with another college in the University.

Mr. Crocken joined the Penn State



Susan Frandsen

faculty in the Department of Theatre and Film in 1971. He also served as general manager of the Pennsylvania Festival Theatre and University Theatre Productions from 1971 to 1976, when he was named director of university auditoriums.

In 1985, when the Artists Series and auditorium management were merged to form the Center for the Performing Arts, Mr. Crocken was named its first director. In 1987, he became director of general education in the arts for the College of Arts and Architecture, a post he held until the new department was created.

Prior to coming to Penn State, he was technical and musical director in the Department of Theatre Arts at UCLA and a lighting designer for numerous West Coast opera and theater productions.

Henry W. Durrwachter has been named director of the South Central Satellite of the Ben Franklin Technology Center of Central and Northern Pennsylvania Inc., a subsidiary of The Corporation for Penn State. The satellite is located at Penn State Harrisburg.

Mr. Durrwachter comes to the BFTC/CNP with more than 31 years of experience of progressive responsibility in systems engineering, programs management and marketing. He is a registered professional engineer in Pennsylvania and holds bachelor's and master's degrees in electrical engineering from Penn State.

In his new role, he will be responsible for matching technical capabilities and awarding Ben Franklin Partnership funds for area industry and economic needs to implement economic development partnerships.

Susan Frandsen has been appointed director of special events in the Division of Development and University Relations. She will work closely with the Office of the President, the Alumni Association and the Office of the Board of Trustees.

She has worked on the development of special programs and events for three University presidents, first as activities coordinator for the Office of the President



L. Stephen Hayes

and most recently as special events associate in the Division of Development and University Relations.

Her new responsibilities will include developing special programs and coordinating a variety of events relating to official University hospitality and entertaining.

Ms. Frandsen has either assisted or been responsible for such events as Distinguished Alumni dinners, Award Convocation luncheons, Alumni Fellow and Board of Trustees receptions, Old Main holiday parties and the buffet reception at the end of The Campaign for Penn State last spring.

She also has worked with the Smeal College of Business Administration and the Department of Meteorology. She earned her bachelor's degree from Washington State University in general studies with an emphasis on graphic and interior design and has been president of the Aaron Village Townhouse Association since 1984.

L. Stephen Hayes has been appointed human resources specialist in the Office of Human Resources.

A 1975 graduate of the University with a B.A. degree in arts and sciences, he served as a supervisor for Sera-Tec Biologicals in State College from 1975 to 1980 and was operations manager for Sera-Tec in Pittsburgh from 1980 to 1988.

Prior to joining the University staff, he was administrator at Unity Christian Ministries Inc., in State College.

Charles Schroen, director of Lehigh University's English-as-a-second language program, has been named director of the Intensive English Communication Program at the University.

An Indiana native, Mr. Schroen spent three and a half years in South Korea as a Peace Corps volunteer and also served as a visiting lecturer at Korea University in Seoul. He graduated from the University of Notre Dame in 1972 with a B.A. in English, and earned an M.A. in linguistics from Indiana University, Bloomington, in 1985. He is completing work on an Ed.D. in language education from Indiana as well.



Charles Schroen

The Intensive English Communication Program, which began in 1979, helps international students sharpen their English skills and prepares them for study at colleges and universities in the United States. It is a continuing education service of the College of the Liberal Arts and the Office of International Programs.

During the 1988-89 school year, the program attracted students from China, Colombia, Ethiopia, Indonesia, Japan, Poland, Saudi Arabia, Spain, Thailand, Turkey and a dozen other countries.

Mr. Schroen is a member of the National Association for Foreign Student Affairs and the Teachers of English to Speakers of Other Languages.

Katharine Quinn Vanderau has been named director of student affairs in the College of Medicine at the Hershey Medical Center.

Ms. Vanderau had served as assistant director of financial aid at Bucks County Community College, Newtown. Previously she was a financial aid officer at Rutgers University and admissions officer at Harcum Junior College in Bryn Mawr.

A Penn State alumna, she earned her bachelor of science in secondary social studies education in 1983. She earned a master's in education in counseling psychology and guidance from Rutgers in 1987. In 1982, she attended the University of Exeter, Exeter, England, through the foreign studies program at Penn State.

Ms. Vanderau fills the position vacated by the retirement of Geyer Sheffler who served as the director for 24 years.

Carpooler

Two employees are looking for one more person to join their carpool from Philadelphia to University Park. Work hours are 8 a.m. to 5 p.m. Call Rita at 863-0302, or Val at 863-2105.

Staff members honored for support of research

Twenty-two University staff members have been honored for their outstanding contributions, efforts and dedication in support of faculty and students in acquiring financing, executing the research, and administering the diverse activities that make up Penn State's scholarship and research efforts.

In citing these contributions, Charles L. Hosler, senior vice president for research, and dean of the Graduate School, said, "Penn State has moved into the ranks of the foremost research universities in the world. One of the reasons for this is that we have a dedicated and talented staff."

Special citations and cash awards went to Patricia Ishler, budget clerk in the College of Earth and Mineral Sciences, and John Raiser, administrative aide in the College of Engineering.

Ms. Ishler was cited for 27 years of "smooth interface between the research accounting system and the College's principal investigators."

Mr. Raiser was cited for "being a true innovator in establishing the methodology to relieve the administrative burden of individual researchers as well as the department as a whole."



Patricia Ishler and John Raiser (right) are shown with Charles L. Hosler, who presented awards to both staff members, as well as to 22 others for their contributions to the University's scholarship and research efforts.

Obituaries

Harmer A. Weeden, professor emeritus of civil engineering, died Nov. 10 at the age of 73.

A graduate of Cornell University, he earned a master of science degree at the University of Michigan and a doctorate at Cornell. He was an associate professor at Bucknell University before joining the Penn State faculty in 1955. He retired July 1, 1978.

Dr. Weeden received the Earl J. Fennell award in 1980 from the American Congress of Surveying and Mapping for outstanding contributions to surveying and mapping education. He also was the recipient of the 1986 Surveying and Mapping Award from the American Society of Civil Engineers and the 1988 Distinguished Service Award from the College of Engineering at Penn State.

Edward R. Fagan, professor emeritus of education, died Nov. 14. He was 66.

A graduate of the University of Wisconsin with a B.S. degree in English and sociology, he received his master's degree from the University of Wisconsin and his doctorate from Columbia University.

He joined the University faculty Sept. 1, 1962, and retired Jan. 1, 1988.

Prior to coming to Penn State, he taught English at the Wisconsin School for Boys and was associate professor of education at the State University of New York College of Education in Albany.

He was the 1978 recipient of the Christian R. and Mary F. Lindback Award for outstanding teaching, the 1986 Excellence in Teaching award, and the 1987 Barash Award for outstanding community service.

A life member of the Forum on Black Affairs, he was a member of the American Education Research Association, the National Council of Teachers of English and Phi Delta Kappa.

Harry V. Weaverling, retired area director of continuing education, died Nov. 14. He was 64.

A 1953 graduate of Millersville University with a bachelor of arts degree in social studies, he received his master's degree in counseling from Temple University in 1956.

Mr. Weaverling joined the University staff Aug. 1, 1963, and retired Jan. 1, 1987. Following retirement, he was employed with ERA Benchmark Realty, State College.

Louise K. Kelly, senior assistant librarian, University Libraries, from Nov. 1, 1962, until her retirement Jan. 1, 1974, died Nov. 4. She was 78.

Lester A. Auman, community service officer, University, from Jan. 16, 1967, until his retirement March 1, 1983, died Nov. 11 at the age of 72.

John C. Nearhoof, plumber-fitter, Office of Physical Plant, from June 4, 1973, until his retirement Jan. 7, 1984, died Nov. 11 at the age of 69.

News in Brief

Intercom schedule

This is the last *Penn State Intercom* for the Fall Semester. The next issue of *Intercom* will be published Thursday, Jan. 10, 1991.

Poultry Salesroom

The Poultry Salesroom will be open from 10 a.m. to 3 p.m. Thursday, Dec. 20, and will have available for sale chicken roasters, fryers, stewing chickens and fresh eggs. The salesroom will be closed from Dec. 24 to Jan. 1, 1991, and will reopen on Thursday, Jan. 3, 1991. For more information, call 865-3765.

Workshop scheduled

A one-day workshop on the use of neutron activation analysis will be conducted Friday, Jan. 11, at the Breazeale Nuclear Reactor at University Park.

The workshop is open to faculty, staff and students who want to learn more about neutron activation analysis, which is non-destructive, and for many elements, the most sensitive technique available for trace element identification and quantification.

There is no charge for the workshop, but the number of participants will be limited. Those interested in attending should register with Sue Ripka at 865-6352.

MRL hosts Soviets

The Materials Research Laboratory, which has become one of the world's

largest research centers on vapor-deposited diamond films, recently hosted the Soviet scientific group responsible for the discovery which made the field possible.

Academician Boris V. Derjaguin, of the Institute of Physical Chemistry in Moscow, and his colleague, D. Fedoseev, gave two lectures on campus: one on diamond films and the other on cold (nuclear) fusion by fracture of solid.

Professor Derjaguin, who is 89 years old and began his career as a colloid and surface chemist, has authored some 1,100 papers and has made major "breakthroughs" in a wide variety of fields.

Nuclear plant study

The Center for Applied Behavioral Sciences at Penn State has been awarded a two-year, \$600,000 grant by the Nuclear Regulatory Commission to examine the possible influence of organizational variables on nuclear power plant safety. The research will pay particular attention to issues of worker safety, plant and public safety, and regulatory compliance indicators.

The current project will examine issues such as the safety culture of the plant, work team composition, value systems of different departments in a nuclear facility, in an attempt to identify additional sources of influence.

The research team includes industrial and organizational psychologists and

nuclear engineers from Penn State, headed by Frank Landy, director of CABS, and includes two other industrial and organizational psychologists, Rick Jacobs and John Mathieu, as well as two senior nuclear engineers, Gordon Robinson and Tony Baratta, with extensive experience in the operation of domestic nuclear facilities.

'The Education Initiative'

At the annual meeting of EDUCOM, an education computing consortium of 600 colleges and universities, Digital Equipment Corp. celebrated the two-year anniversary of "The Education Initiative." (TEI) a set of education partnership programs that broke new ground in industry-education partnerships when introduced in 1988.

Digital presented a TEI Partnership and Innovation Award to Russ Vaught, director of the Center for Academic Computing, and Jim Forkner, Penn State TEI administrator, for sponsoring the First Regional TEI Administrator's Conference in May, 1989.

The regional meeting was the first of its kind specifically geared to the issues and concerns faced by the TEI academic administrative community. Representatives from Pitt, Carnegie Mellon, Washington and Jefferson, Johns Hopkins, West Virginia, and other institutions learned how Penn State has been able to achieve first-year savings in software licenses and maintenance fees amounting to more than \$4,500,000.

Faculty/Staff Alerts

SPEC Program questions

More than 7,000 Position Information Questionnaires (PIQs) have been mailed to staff in exempt, nonexempt, and clerical job classifications as part of the University's Staff Position Evaluation and Compensation (SPEC) Program.

Based on phone calls and the informational meetings conducted last week, there are certain questions that are common to many employees.

"The job description enclosed with my PIQ is not appropriate for the job I am now doing. What should I do?"

Copies of existing job descriptions were included in the PIQ packages to provide employees with quick access to information that could be useful for completing the questionnaire. If the description is no longer accurate, do not use it. State your duties as best you can.

One of the primary objectives of the project is to collect current, accurate information about the jobs being done

throughout the University. By completing the PIQ, with or without the help of an existing job description, employees and their supervisors play a critical role in this information collection process.

"Do I have to complete a PIQ?"

In order for the new SPEC Program to be implemented successfully, all affected jobs in the exempt, nonexempt, and clerical classifications must be included. That means that they must be described, evaluated, and assigned to a salary grade.

The University is committed to maximum participation in this process. The PIQ is an invitation to employees to participate in the collection of job information. Important evaluation decisions will be made based on this data. Jobs that are not documented from direct employee input will be analyzed by supervisors and job analysts from the Office of Human Resources without the employee input.

"What will happen to the PIQ after I complete it?"

also are excused from work starting at 3:45 p.m. so that they may attend the Eisenhower Auditorium event or watch it on television. Exceptions are made for persons in essential service areas, such as security.

At locations other than University Park, early class dismissal will be at the discretion of each campus executive officer.

Mail service

Mail Service to the University community will be suspended from 5 p.m. Friday, Dec. 21, until 8 a.m. Wednesday, Jan. 2, 1991, due to the holidays.

If your department requires delivery of incoming U.S. Mail, please contact Frank Sinclair at 108 Business Services by calling 865-4051 prior to Dec. 11 to make the necessary arrangements. Any requests

Supervisors and personnel representatives will review all completed questionnaires for comment prior to submitting them to the Project Team. Employee responses will not be altered, however.

Responses from all PIQs will be entered into a computer data base and analyzed by project staff to establish a job evaluation measurement for all job categories. Eventually, the job evaluation results will be the basis for jobs being assigned to a proper salary grade under the SPEC Program.

"What will happen to my pay as a result of the SPEC Program... will it be reduced?"

From the very beginning of the project last year, there has been a promise to all affected University employees that no one's current level of pay would be reduced as a result of the SPEC Program.

There is no promise, either, that there will be significant pay increases for most employees under the new salary structure.

The objective of the SPEC Program is to ensure that salary levels for staff jobs are determined in a manner that is fair and equitable and that responds to the way jobs are performed today in the complex University environment.

While it is likely that some jobs may increase in value as a result of the new program, and some may decrease, generally the University will continue to spend about the same amount of total dollars on staff salaries.

In order to keep the SPEC project on schedule, it is important that certain key deadlines be met. The Project Team is planning to begin the development of the PIQ response data base in early January. This will require that the completed and reviewed questionnaires be received in the Office of Human Resources by the December holidays. This schedule only will be possible if all employees complete their PIQs and submit them to supervisors by Dec. 12.

Martin Luther King celebration

Penn State will celebrate the birthday of Dr. Martin Luther King Jr. from 4 to 5 p.m. Monday, Jan. 21, in Eisenhower Auditorium at University Park. The event will be transmitted to the University's other locations via satellite dish and/or via PENNARAMA. Vincent Harding, professor of religion and social transformation at the Cliff School of Theology, will be the featured speaker.

In order that faculty members and students may participate in this important event, University Park classes will be canceled from 3:45 p.m. to 5:15 p.m. on Jan. 21. The only exception that will be made regarding the cancellation of classes will be for those where cancellation or rescheduling is impossible, such as certain laboratory sessions.

Similarly, University Park staff members

received after Dec. 11 will not be guaranteed special arrangements.

Holiday hours

The University Auxiliary Recreation Services has announced its holiday hours for facilities at University Park.

The White Golf Shop in Recreation Building will close at noon Dec. 24 and remain closed Dec. 25, 30, and 31, and Jan. 1. It will be open from 10 a.m. to 6 p.m. Dec. 26, 27, 28 and 29. For more information, call the White Golf Shop at 865-0231.

The Tennis Club will remain open from 9 a.m. to 9 p.m. throughout the holidays. The club will close at 3 p.m. Dec. 24 and Dec. 31 and be closed Dec. 25 and Jan. 1. For more information, call the Tennis Club at 865-1381.

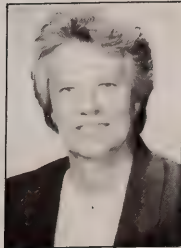
The Bowling Lanes in the Recreation

Building will be closed from Dec. 24 through Jan. 1.

The Ice Pavilion will be open throughout the holidays: Dec. 17, 8 a.m. to 10:30 p.m.; Dec. 18, 19, 20, 8 a.m. to 11 p.m.; Dec. 21, 8 a.m. to 10 p.m.; Dec. 22, 9 a.m. to 10 p.m.; Dec. 23 and 24, 9 a.m. to 5 p.m.; Dec. 25, closed; Dec. 26, 27, 28 and 29, 10 a.m. to 10 p.m.; Dec. 30 and 31, 9 a.m. to 5 p.m.; Jan. 1, closed. For more information, call the Ice Pavilion at 865-4102.

The Stone Valley Recreation Area will be open during the holiday for ice skating, depending on the ice conditions. The ski trails will be open for cross country skiing, depending on the weather conditions. The lodge will be available for group rental during the holidays. For more information, call the Stone Valley Recreation Area at 863-0762.

25-year award recipients



Observing 25 years of service at the University are, from left, Dale Albright, labor helper, utility piping, Office of Physical Plant; David E. Buft, associate professor of business administration and director of the academic communications program, Smeal College of Business Administration; Maryann Domitrovitz, assistant professor of exercise and sport science, College of

Health and Human Development; Frank Deusch, professor of mathematics, and G. Pat Pail, professor of mathematical statistics and director of the Center for Statistical Ecology and Environmental Statistics, both in the Eberly College of Science.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304. Applications for these staff vacancies will be accepted until Dec. 13. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment practices (FES 1) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age as provided by law, sex, or status as a disabled or Vietnam era veteran.

■01178. Nurse Practitioner – Women's Health, Student Services, University Health Services, University Park Campus – Responsible to the physician in charge of Women's Health for assessment, physical examination, health history evaluation and health counseling of women students' gynecological health problems and concerns. Requires graduation from an accredited school of nursing and a current Pennsylvania license for in the process of applying for reciprocity and graduation from a Family Planning Nurse Practitioner program plus one to two years of effective experience. Must be eligible for certification as a registered nurse practitioner in Pennsylvania. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30 1991. STAFF GRADE o.

■01179. Admissions Counselor II – Market Planning and Communications, Undergraduate Admissions

Office, University Park Campus – Responsible to the associate director of undergraduate admissions for general assistance in conceiving, planning, and organizing operational aspects of admissions procedures and activities which relate to market planning and communications. Participate in and administer admissions activities as assigned. Requires bachelor's degree, or equivalent in journalism or English or related field, plus at least two years of effective experience. STAFF GRADE o.

■01180. Coordinator, Center for Instructional Research and Development, College of Education, Associate Dean for Research and Graduate Studies, University Park Campus – Provide leadership, supervision and support for all activities of the Center. Coordinate Center activities with other units within the University. Provide overall leadership for the use of technology in the College. Requires master's degree, or equivalent in instructional systems design, computer science or a related field, strong supervisory skills and one to two years of effective experience with software and systems development. Strong knowledge of telecommunications: VAX, IBM and Apple computer systems desired. STAFF GRADE 7.

■01181. Textbook Assistant, Penn State Bookstore, University Park Campus – Responsible to the textbook specialist for the textbook operation. Maintain current pricing information on all titles purchased, develop and maintain list of universities and wholesale houses to both seek and sell used books. Requires high school graduation, or equivalent, plus one to two years of effective experience. Knowledge of bookstore policies, practices and operations is highly desirable. STAFF GRADE 4.

■01182. Assistant Supervisor, Stone Valley, Auxiliary Recreation Services, Stone Valley – Responsible to the supervisor, Stone Valley, for assisting in the coordination of staffing, scheduling maintenance and operation of auxiliary services at the Stone Valley Recreation Area. Requires bachelor's degree, or equivalent, preferably in recreation and parks with an option in park administration, plus up to one year of effective experience in waterfront operations. Employee must possess certification as a Red Cross Sailing Instructor, and in Water Safety and First Aid, or be willing to complete training within six months on the job. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991. WITH PROBABILITY OF RE-FUNDING. STAFF GRADE 4.

■01184. Technology Transfer Services Coordinator, RTAP, Penn State Harrisburg – Responsible to the project director, RTAP (Pennsylvania Local Roads Program), for coordination of the information services program of RTAP. Requires bachelor's degree, or equivalent, in public administration, communications, library science, or related field, plus one to two years of effective experience. Experience in coordination of a program or professional association is desirable. Master's degree preferred. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991. WITH EXCELLENT PROBABILITY OF RE-FUNDING. STAFF GRADE o.

■01185. Program Director, PEPP – Behrend, Academic Services, Partnership Program, Penn State Behrend – Responsible to the partnership director for directing and overseeing the operation of assigned partnership program and for assisting in planning local educational support programs. Requires master's degree, or equivalent.

and one to two years of effective experience in developing and supervising the implementation of educational programs. A demonstrated ability to work with low-income and under-achieving students, and strong communication skills also are required. STAFF GRADE 7.

■01186. Supervisor, Food Services, Housing and Food Services, Berks Campus – Responsible to the manager, Housing and Food Services – Commonwealth Campuses, for all phases of a specific dining commons operation. Requires bachelor's degree, or equivalent, plus one to two years of effective experience. SUPERVISOR-IN-TRAINING POSITION. APPLICANT MUST BE OPEN TO RELOCATE TO ANY COMMONWEALTH CAMPUS LOCATION. STAFF GRADE 5.

Hershey

For the following position vacancies, apply directly to The Milton S. Hershey Medical Center. Attach resume with cover letter indicating the position vacancy code and forward to the Department of Human Resources, Hershey, or call the Hershey bid line at (717) 531-8531 by Dec. 13.

■1206. Coordinator, Center for Biostatistics and Epidemiology, Department of Biostatistics and Epidemiology – Responsible to the director, Center for Biostatistics and Epidemiology, for the performance of and assistance with all administrative, budgetary and financial duties. Requires a bachelor's degree or equivalent in administration or management, plus one to two years of effective experience, preferably in an academic setting. Experience with microcomputing, especially spreadsheet applications such

as Lotus 1-2-3, Excel or Quattro is highly desirable. STAFF GRADE 5.

■1203. Supervisor of Hospital Billing, Department of Financial Management – Responsible to the manager, Hospital Billing, for the operation and supervision of Hospital Billing units in the preparation of claims to third-party payors. Requirements include a bachelor's degree in business administration or equivalency, plus one to two years of effective experience, preferably in a teaching hospital. STAFF GRADE o.

■1649. Ultrasound Technologist, Radiology Department – Responsible to the assistant chief technologist for the supervision and performance of those duties directly involved in the application of nonionizing high frequency ultrasonic waves to humans for diagnosis of disease. Requires high school graduate with two years of training in an approved school of radiologic technology with AART registration, plus completion of an approved school for diagnostic ultrasound or equivalent experience which is acceptable to the American Society of Ultrasound Technological Specialist, and two to three years of effective experience. STAFF GRADE 5.

■1648. Radiotherapy Technologist, Radiology Department – Responsible to the radiology senior staff nurse for the performance of duties involving a variety of technical procedures to apply prescribed ionizing radiation for treatment. Requires high school graduate plus two years training in an approved school of radiologic technology. AART registration and/or specialized training in the field of radiation therapy, plus two to three years of effective experience as a radiotherapy technologist. STAFF GRADE 5.

Fulbright scholar teaching, visiting at University Park

The year-long visit of Fulbright scholar Seong-Kon Kim to the University is helping to strengthen the Asian literature component in the Comparative Literature Department.

Dr. Kim is director for research of the American Studies Association of Korea and associate professor of English at Seoul National University. A specialist both in American literature and in comparative

East/West studies, he is teaching comparative courses in Asian literature and East/West literary relations this year.

During his stay at Penn State, Dr. Kim will be evaluating English translations of Korean works for accuracy and readability, so that comparative literature courses taught in English translation can include further Korean materials.

The visit of Dr. Kim, who holds a Ph.D.

from SUNY Buffalo, is made possible by the Fulbright Scholar-in-Residence Program, with support from the College of the Liberal Arts and the Institute for the Arts and Humanistic Studies.

Anyone interested in contacting Dr. Kim, or inviting him to speak, may call the Department of Comparative Literature at (814) 863-0589.

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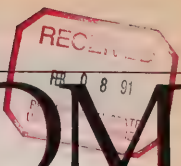
'A BREED APART'

Reicher, the University's trained police dog, is featured in a story on page 10.

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January 10, 1991

Volume 20, Number 16

Governor authorizes funds for construction projects

Gov. Robert P. Casey has authorized more than \$100 million in construction projects requested in the University's 1990-91 capital budget.

At the same time, \$17,324,000 for original furniture and equipment for previously authorized construction projects was approved.

The governor authorized a total capital package of \$730 million for public institutions statewide, down from the \$2.1 billion that had been authorized by the General Assembly.

"Penn State is grateful to the governor for the capital projects that have been approved," President Thomas said.

The University received one of every seven dollars authorized by the governor this year, and that reflects very well on the Penn State's important role in the Commonwealth.

"However, we are disappointed that a number of our highest priority projects, including a library and classroom building at Penn State Harrisburg and a chemistry building and the Paul Robeson Cultural Center at University Park,

were not approved.

"Space for our academic programs continues to be of central concern. The University community can be assured that we will continue our efforts to secure funding in the future to address this critical need."

The authorization of funds for capital projects does not mean construction is imminent. Project design and/or construction cannot begin until the governor actually releases the authorized funds, and that process can take years. For example, the 1982 bill authorized \$39.2 million for Penn State, but the release of funds was completed only in 1989.

The \$17.3 million authorized for original furniture and equipment includes \$2.97 million for the University Libraries. Last year, the governor authorized a \$19.8 million addition to the library, but funds for construction have not yet been released.

According to Frank E. Forni, special assistant to the president for governmental affairs, the governor, in determining which capital program projects should be

approved, gave highest priority to life/safety projects. The second priority was utility and renovation type projects, while the third was new construction.

"The governor, to the extent possible, did follow Penn State's priority request and approved, among others, its number one requested project, the construction of central energy production and recovery facilities at a cost of \$71,500,000," Mr. Forni said.

"All of the other Penn State projects, with the exception of a classroom building at the Hazleton Campus," he added, "are renovation/utility type projects. The Hazleton Campus is using a \$1,500,000 local campaign fund effort as a match and the Casey Administration has rewarded those campuses that have provided matching monies for requested capital projects."

Penn State projects approved by Gov. Casey are:

- University Park:
 - Construction of central energy production and recovery facilities, \$71,500,000.

Please see 'Construction' on page 3.



Historical Marker

An historical marker commemorating longtime University faculty member Fred Lewis Pattee — the first instructor on any college campus to hold the title of professor of American literature — is installed by landscape workers Frank Lee, left, and Karola Dail. The marker is one of 20 at University Park that call attention to historically significant places, scientific and intellectual accomplishments, and faculty. The markers, an ongoing project of the Office of University Relations, are funded by the Penn State Alumni Association. (Photo: Greg Grieco)

Firm has been chosen to design first phase of research park

A renowned Philadelphia-based architectural firm has been chosen to design the first phase of the \$360-million Penn State Research Park.

Geddes Brecher Qualls Cunningham (GBQC) has been selected by Morlok Development Group principals William C. Morlok and Glenn A. Vernon. The Morlok Development Group has been retained by the University's Research Park Management Company to develop the first phase of the park.

"We are committed to creating a high quality environment at the Research Park in all respects, including design," Mr. Morlok said. "GBQC clearly demonstrates the ability to achieve our design objectives within all of the other goals established by ourselves, the University, the Research Park and the community."

GBQC's selection was made after reviewing the credentials of more than 50 architectural firms, and interviewing and reviewing detailed proposals from seven firms.

Geddes Brecher Qualls Cunningham recently has directed architectural projects for the University of Pennsylvania's mixed-use facility at 3401 Walnut St., as well as the Futures Center addition to the Franklin Institute Science Museum. The firm, founded in 1953, has received more than 50 major awards, including the American Institute of Architects' highest honor, the

National Architectural Firm Award.

"Penn State is pleased with this quality selection, and we look forward to the development of architectural drawings for this landmark project," President Thomas said. "This selection represents a major step forward in creating a facility that we believe will bring important benefits to Penn State, as well as to Central Pennsylvania."

The Penn State Research Park is designed to attract firms that would see advantages in proximity to the University in order to tap into its expertise and resources in science, engineering, technology, business, agriculture, communications and related areas.

The research park, sited on a 130-acre parcel two miles east of the University Park Campus, is expected to provide some 3,000 new jobs when it reaches maturity in 10 to 20 years.

The first phase of the project, now in the final planning stages, includes more than 300,000 square feet of space for a Penn State Research Laboratory, a technology center, a University conference center and a privately owned 150-room hotel.

Subsequent phases will be composed mainly of commercial research and development offices and laboratories. Total build-out of the research park is estimated at 1.5 million square feet over a 10- to 20-

Please see 'Research park' on page 3.

Focus on Diversity

Campuses plan programs for Martin Luther King Day

A number of University campuses are holding special programs in observance of Martin Luther King Day.

Among the programs being planned are:

Altoona – The King Celebration, a joint campus and community program featuring as speaker John Harris III, dean of the College of Education at the University of Kentucky and a native of Altoona, will be held at 4 p.m. Sunday, Jan. 20, in the Harry E. Slep Center. The Martin Luther King Jr. Celebration Committee also is sponsoring an essay contest at the campus and the Altoona High School. The campus will provide transportation to University Park on Jan. 21 for Martin Luther King Day programs.

Beaver – Harvey Adams, president of the Pittsburgh Branch NAACP, will be the featured speaker at a program at 3:30 p.m. Monday, Jan. 21, in the Laboratory Classroom Building auditorium.

Berks – The film "From Montgomery to Memphis" will be shown on Monday, Jan. 21. It will be followed by a special discussion with Judith Thomas, a lecturer at Lincoln University.

Delaware County – Father Paul Washington, a prominent community leader in Philadelphia, will speak on the contributions of Dr. King during the Common Hour on Wednesday, Jan. 16. The Morgan State Choir will perform in concert in the campus gymnasium on Thursday, Jan. 21. A film highlighting the career of Dr. King will be shown from 7:30 to 9:30 p.m. Jan. 22 and 23 in the student lounge.

DuBois – A Martin Luther King Day program is planned from noon to 1:30 p.m. Monday, Jan. 21, in Hiller Auditorium. Regency, a five-person a cappella group from Baltimore, Md., will perform at 7:30

p.m. Thursday, Jan. 24, in Hiller Auditorium.

Great Valley – Kenneth Hill, vice president of corporate relations, Sun Marketing and Refining, Philadelphia, will speak Monday, Jan. 21, at a luncheon program that also will feature the Paoli Baptist Church Youth Choir. Throughout January, there will be an exhibit of approximately 30 paintings of African-American artists, from the collection of Mr. and Mrs. W. Leon Bullock of Trevoze, Pa.

Penn State Harrisburg – A Gospel Jamboree, organized by a group of Penn State Harrisburg students to honor the memory of Dr. King will be held at 6:30 p.m. Thursday, Jan. 17, in the Capital Union Building.

Hazleton – The Rev. Barbara Shorter of the Mt. Zion Baptist Church in Wilkes-Barre will discuss the life and work of Dr. King on Monday, Jan. 21. The Mt. Zion Children's Choir will present a program of religious music and music of the civil rights movement. Films on Dr. King and the civil rights movement will be shown in the Highcross Commons Student Building, the

campus dining hall and the residence halls throughout the day on Jan. 21.

McKeesport – The Honorable Cynthia A. Baldwin, judge of the Allegheny County Court of Common Pleas and president of the Penn State Alumni Association, will speak at 2:30 p.m. Monday, Jan. 21, in the Buck Union Building.

Mont Alto – Dawn R. Person, assistant professor of higher education in the Department of Adult and Higher Education at Teachers College, Columbia University, will be the featured speaker at the campus celebration on Monday, Jan. 21.

New Kensington – A program at 7:30 p.m. Friday, Jan. 18, will feature musical selections by Some of God's Children, gospel choir of the University of Pittsburgh, and Eric Hawthorne, soloist, First Baptist Church of Ford City. A poetry reading competition will be held in conjunction with the program. The Office of Student Programs and Services will provide a dinner buffet at 6 p.m.

Ogontz – At 12:30 p.m. Friday, Jan. 18, Alvin Poussaint, professor of psychiatry

and associate dean of student affairs at Harvard Medical School, will be the featured speaker at a program which will include a formal academic convocation. Dr. Poussaint will be presented an inaugural award for accomplishments in promoting cultural diversity.

Schuylkill – "Colonial/Neo-Colonial: An Ode in Performance," a multi-media presentation written and produced by Charles Cantalupo, associate professor of English, will be showcased at 8 p.m. Tuesday, Jan. 22, in the John E. Morgan Auditorium.

Worthington Scranton – The following films will be shown in the Study Learning Center: "Dr. Martin Luther King Jr. – Amazing Grace," Jan. 22; "Great Americans," Jan. 23; "Martin Luther King Jr.: A Man of Peace," Jan. 24. The George Wesley reggae band will perform on Jan. 25.

Shenango – Robert L. Pitts, mayor of Wilkesburg, Pa., and first vice president, State Conference of NAACP Branches, will speak at 7 p.m. Monday, Jan. 21, at Farrell High School. The program is jointly sponsored with the Farrell Human Relations Commission.

University Park – The Rev. Dr. Vincent Harding, professor of religion and social transformation at the Bliff School of Theology in Denver, Colo., will speak at 4 p.m. Monday, Jan. 21, in Eisenhower Auditorium. His speech will be telecast live on PENNARAMA and on WPXS-TV, Channel 3.

Wilkes-Barre – A student program exploring the philosophy of Dr. King will highlight the campus celebration. The program will explore Dr. King's philosophy portraying it through students' personal interpretations, and the reading aloud of Dr. King's works.

Martin Luther King memorial banquet

The Forum on Black Affairs will hold its 13th Annual Dr. Martin Luther King Jr. Memorial Banquet at 6:45 p.m. Tuesday, Jan. 15, in the Hetzel Union Building Ballroom at University Park.

The banquet will feature presentations by members of the local community and the University. Award presentations will include the Forum on Black Affairs' Humanitarian Service Award, which has been a highlight of the memorial for the

past seven years.

The State College Area School District Awards, featuring student artistic endeavors that best reflect the life of Dr. King, also will be presented. The theme of this year's program will be "Dr. Martin Luther King Jr. The Legacy Continues."

Tickets are \$12 for adults and \$8 for children under age 12. For more ticket information, contact the Paul Robeson Cultural Center at (814) 865-1779.

Cultural diversity subcommittee established

A subcommittee to oversee cultural diversity curriculum issues has been established by the University Faculty Senate.

The University Subcommittee on Cultural Diversity in the Curriculum was approved at the Dec. 4, 1990, Senate meeting, following a debate on the composition of the subcommittee.

As proposed by the Committee on Committees and Rules, the membership was to include two faculty representatives from the Committee on Undergraduate Instruction nominated by that committee and selected by Committees and Rules, six faculty representatives nominated by the Committee on Curricular Affairs and selected by Committees and Rules, the chair or vice chair of Curricular Affairs, the vice provost and dean for undergraduate education, the deputy vice president for

international programs and the vice provost for underrepresented groups. The eight faculty members will serve three-year terms.

The proposed membership of 12 was reduced to 10 by an amendment proposed during the meeting to drop the administrative posts of deputy vice president for international programs and vice provost for underrepresented groups. The subcommittee, whose formation was mandated by the cultural diversity course requirement legislation approved by the Senate last March, will administer cultural diversity course development and oversee the review and approval process. It will begin its work Spring Semester.

The subcommittee will be responsible for: encouraging the development of proposals for "diversity focused" and "diversity enhanced" courses which address

such topics as race, ethnicity, religion, gender, sexual orientation and global perspectives;

Overseeing implementation of cultural diversity courses according to the criteria and guidelines set forth in the Oct. 9, 1990, Senate report on the issue; reviewing and recommending cultural diversity courses for approval by Curricular Affairs; examining petitions for experiential learning intended to satisfy the diversity requirement and making recommendations to Curricular Affairs.

Reviewing and editing extended diversity course descriptions for inclusion in the general education brochure; and assessing the quality of instruction and responsiveness of the cultural diversity requirement to the changing national and global community.

Bookshelf

E. Willard Miller, professor of geography and associate dean of resident instruction, emeritus, in the College of Earth and Mineral Sciences, and **Ruby M. Miller**, associate librarian and former map librarian, Pattee Library, are the co-authors of *Environmental Hazards: Radioactive Materials and Wastes*, published by ABC-CLIO, Santa Barbara, Calif.

It presents a survey on the nature of radiation, natural and man-made sources of radiation, reactor plant accidents, emergency planning and health effects of ionizing radiation. Five chapters facilitate convenient access to chronological highlights, laws, regulations, and treaties, directory of organizations, a bibliography of books, journal articles and government documents and a list of films and videocassettes. This reference book provides a survey of one of the major environmental problems of the day.



Penn State People

Connie J. Dunmire

Seated at her station in the Network Management Center, Connie J. Dunmire is able to monitor and troubleshoot problems on different computer networks. A network systems coordinator with the Office of Telecommunications for more than a year, Ms. Dunmire works with data switches and high-speed data backbones. She uses the computer monitoring equipment shown in the photo to help faculty, staff and students make connections from their computer terminals to other computer networks. "Solving a problem is a challenge, especially when I can solve it on my own. I also enjoy the interaction with the different people who call for help," she said. A University staff member for six years, she works different shifts along with two other network systems coordinators to keep the center open seven days a week. (Photo: Greg Grieco)

Construction

Continued from page 1.

- Renovation of Research Buildings A, B and C. \$3,446,000.
- Renovation of Weaver and Patterson Buildings. \$5,500,000.
- Central control system-phase II. \$5,500,000.
- Renovation of Burrows Building. \$5,250,000.
- Hazleton Campus:
 - New classroom building. \$2,860,000.
- Shenango Campus:
 - Renovations of Sharon Hall and Sharon Hall Annex. \$6,490,000.
- Projects **not approved** by the governor are:
 - New library and classroom building at Penn State Harrisburg. \$16,500,000.
 - New chemistry building at University Park. \$23,540,000.
 - New facility to house the Paul Robeson Cultural Center. \$4,400,000.

- New administration building at University Park. \$8,800,000.
- Renovation and construction of a new addition to the Music Building. \$6,710,000.
- Renovation of Sparks Building. \$4,950,000.
- Addition to Mitchell Building. \$4,620,000.
- Renovation of Borland Laboratory and Henning Building. \$5,775,000.
- Electrical distribution system, phase II. \$10,120,000.
- Steam distribution system, phase II. \$10,973,000.
- Renovation of and addition to Ferguson Building. \$7,770,000.
- New multipurpose building at Allentown Campus. \$2,222,000.
- New academic building at Berks Campus. \$4,180,000.
- Construction of North West Graduate Research Center at Behrend College. \$2,200,000.
- Renovations of Eberly and Engineering Buildings. \$2,250,000; renovation of gymnasium, \$850,000, and computer center addition to the library, \$1 million, at the Fayette Campus.
- New community arts center at the McKeesport Campus. \$1,153,000.

- Renovations of Conklin Hall, Wiestling Building and General Studies Building at Mont Alto Campus. \$6,710,000.
- New conference and communications center at Worthington Scranton Campus. \$3,800,000.
- Library expansion, auditorium and classroom building at York Campus. \$10,780,000.
- Diesel Technology Center addition, \$1,650,000, and new North Campus Technical Trades Center. \$4,950,000, at Pennsylvania College of Technology.
- Mr. Forni said that Penn State received more funding in the capital budget process than did the University of Pittsburgh, Temple University and the State System of Higher Education combined.
- For the State System of Higher Education, the final amount approved by the governor was \$71,257,000, down from the \$495,000,000 originally authorized.
- The final amount approved by the governor for Penn State was \$100,540,000, down from \$246,449,000 originally authorized by the General Assembly. For Pitt, \$16,070,000 was approved, down from \$39,070,000 originally authorized; for Temple, \$10,672,000 was approved, down from \$78,892,000 originally authorized.

Computer fellowships

The Office of Computer and Information Systems is seeking applications/nominations for its Academic Computing Fellowship program.

Since it was established in 1987, the program has funded seven doctoral students who have a background and interest in the computing applications of their disciplines.

The program is for students who have demonstrated significant computer-related abilities in their chosen area of study. Applicants must be U.S. citizens or permanent residents. Fellowship appointments will be for a maximum of four years.

Fellows will be awarded a minimum stipend of \$10,000, plus tuition and fees. An additional \$2,000 departmental grant will be provided to each Fellow to support travel and other expenses.

Faculty members are invited to contact prospective applicants and encourage them to apply for the fellowships. Departments and graduate programs may nominate up to two students.

The deadline for applications/nominations is March 15.

For more information, contact either James Kerlin, deputy director, Center for Academic Computing, 229 Computer Building, at 863-0425 or electronic mail at JNK@PSUVM; or Joan Schumacher, director, graduate student financial resources, 317 Kern, at 865-2514 or electronic mail at MIS2@PSUVM.

Research park

Continued from page 1.

year period.

Morlok Development Group, based in Philadelphia and Haddonfield, N.J., is a real estate development company specializing in partnerships with not-for-profit organizations and institutions. MDG was founded in 1985 by the shareholders of Ewing Cole Cherry Parsky, a full service architectural, engineering, planning and interior design firm.

University ranks first again in Fulbright scholars

The University ranks first in the nation for the second year in a row in the number of Fulbright scholars among its faculty.

"Penn State is committed to increasing international opportunities and exchange programs for faculty and staff, and I am delighted they have competed so well for the 1990-91 awards," W. LaMar Kopp, deputy vice president for international programs, said.

"Fulbright awards to travel, teach and conduct research abroad help faculty and staff add an international perspective to their work, and students benefit from that experience by developing a better understanding of other cultures."

Fulbright scholars are selected on the basis of academic and professional qualifications as well as their ability and willingness to share ideas and experiences with people of other nationalities and ways of life.

Elizabeth Smith, associate professor of art history and academic officer for the

Education Abroad Programs, is the University Fulbright adviser.

Penn State has 14 Fulbright scholars, 12 at University Park, one at Penn State Erie. The Behrend College, and one at the Penn State Berks Campus.

The University of Michigan and the University of Washington rank second with 11 Fulbright Scholars each.

Five universities rank third with 10 Fulbright Scholars each: the University of Maryland, Ohio State University, the University of California at Los Angeles, the University of Pittsburgh and Virginia Polytechnic Institute and State University.

Texas A&M has nine, and the following universities have eight each: the University of Arizona, the University of Hawaii, the University of New Mexico and the University of Southern California, Columbia University, Cornell University, the University of Florida, the University of Missouri at Columbia and the University of Texas at Austin each have seven Fulbright

Scholars.

The Council for International Exchange of Scholars has reported that 936 academics and professionals have been named as Fulbright Scholars. Faculty and staff at institutions in other countries also receive Fulbright Scholarships to lecture and conduct research at colleges and universities in the United States.

The council, an affiliate of the American Council of Learned Societies, cooperates with the U.S. Information Agency in administering the Fulbright program, which is designed "to increase mutual understanding between the people of the United States and the people of other countries." It was established in 1946 under congressional legislation introduced by former U.S. Sen. J. William Fulbright of Arkansas.

The University's Fulbright Scholars are: **James D. Boyer**, assistant professor of English at Penn State Berks, to Mexico; **Gideon S. Golany**, research professor of

architecture, to Japan; **Jay R. Stauffer**, professor of forest resources, to Malawi; **Hal B. Gregersen**, assistant professor of business at Penn State Behrend, to Finland; **Albert W. Castelman Jr.**, professor of chemistry, to Austria; **James S. Shortle**, associate professor of agricultural economics and rural sociology, to Ireland; **William L. Boyd**, professor of education, to United Kingdom.

Peter S. Cookson, associate professor of adult education, to Nicaragua; **Murry R. Nelson**, professor of education, to Norway; **2Daniel Maier-Katkin**, professor of administration of justice, to United Kingdom; **Raymond G. Ayoub**, professor emeritus of mathematics, to Syria; **Harold E. Cheatham**, associate professor of counseling and educational psychology, to India; **Julian E. Thayer**, assistant professor of psychology, to Norway; **Diana R. Dunn**, professor of leisure studies, in the U.S.-German International Education Administrators program.

Committee seeking awards nominations

President Thomas has appointed a general committee chaired by Billie S. Willits, assistant vice president for human resources, to solicit nominations for the Faculty/Staff Achievement Awards - the McKay Donkin Award, the John E. Wilkinson Award for Administrative Excellence, the Barash Award for Human Service, and the Penn State Equal Opportunity Award.

Four subcommittees will screen nominations and develop recommendations for the respective awards. The subcommittees and their members are:

McKay Donkin Award Subcommittee: Victor L. Dupuis, chairperson, James M. Elliott, Gordon A. Hamilton, Grace Hampton, Anne C. Petersen and Charlene Price-Holder.

Barash Award Subcommittee: Victoria Y. Fong, chairperson, Kimberly A. Brown, Sidney W. Friedman, Robert L. Kidder, David B. Lee and John D. Walker.

Wilkinson Award Subcommittee: Nancy M. Tschler, chairperson, David E. Brantigan, Nancy M. Cline, Rossann Sieminski, Gary M. Kelsey and Daniel L. Trevino.

Equal Opportunity Award Subcommittee: James W. Locker, chairperson, Bonnie Ortiz, Brenda G. Hameister, W. Terrell Jones, Alicia Bunnell, Stanley Nowak and Peter B. Weiler.

Nominations for the 1991 awards are encouraged from University and local community organizations and individuals. Nominators should contact the Office of Human Resources at 865-1412 to request a copy of a standardized format for submitting nominations.

Nominations should be sent to Billie S. Willits, Box 6 Rider Building, no later than Jan. 21. Supporting information which accompanies nominations should be brief and specific to the award criteria.

Marine Sciences committee is reconstituted

The Marine Sciences Program Committee has been reconstituted for a two-year term by **C. Gregory Knight**, vice provost and dean for undergraduate education.

"The Marine Sciences Minor provides unique opportunities for undergraduate students to study and prepare for careers in the various marine sciences," Dr. Knight said.

"Although Penn State does not award degrees in oceanography, a number of faculty members pursue research interests in marine sciences and a varied selection of

undergraduate courses in the marine sciences is available."

According to Dr. Knight, the Marine Sciences Program Committee is authorized to award a certificate for a Minor in Marine Sciences to any undergraduate student regularly enrolled in a degree program who, in addition to satisfying the degree requirements of his or her baccalaureate major, satisfies the requirements for the minor.

Lee R. Kump, assistant professor of geosciences, is chair of the Marine Sciences

Program Committee. Other members are **Michael Arthur**, professor and head of the Department of Geosciences; **William A. Dunson**, professor of biology; **Herschel A. Elliott**, professor of agricultural engineering; **Charles B. Fisher Jr.**, assistant professor of biology; **John J. Olivero**, professor of meteorology; **Robert F. Schmalz**, professor of geology, and **Frederick M. Williams**, associate professor of biology. Ex officio members are **Charles L. Bursley**, professor of biology at the Penn State Shenango Campus, and **Albert L. Guber**, professor of geology.



Trees near Tyson Building at University Park get a mid-winter trim. (Photo: Greg Grieco)

Faculty, staff and alumni are honored with awards

Humanities fellowship

Thomas A. Hale, professor of African, French, and comparative literature, is among 114 scholars nationwide awarded National Endowment for the Humanities Fellowships for University Teachers for 1991-92.

According to the Endowment, the fellowships enable individuals to pursue independent study to enhance their capacities as teachers, scholars, or interpreters of the humanities and to make significant contributions to thought and knowledge in the humanities.

Dr. Hale, a specialist in the study of West African bards, called griots, will conduct research for the first comprehensive examination of their social functions and verbal art. Best known for maintaining genealogies, singing praises, and chanting epics, griots are common to the Sahel, an area spanning 2,000 miles from Senegal to Chad.

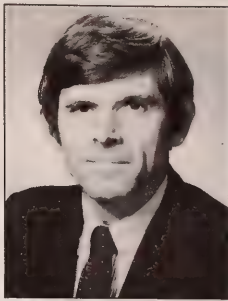
For his study, Dr. Hale will draw on 14th-century travel accounts, tales, oral epics, colonial reports, and his own fieldwork with griots.

An African literature scholar for two decades, Dr. Hale is a founder and past president of the African Literature Association. In 1980-81 he was a Fulbright senior lecturer at the University of Niamey, Niger. His most recent book, *Scribe, Griot, and Novelist: Narrative Interpreters of the Songhai Empire*, was published by the University of Florida Press in 1990.

Beaver Campus

Rajen Mookerjee, associate professor of economics at the Penn State Beaver Campus, has received the Beaver Campus Advisory Board 1990 Teaching Excellence Award.

Dr. Mookerjee, who was selected for the award by a committee of Advisory Board members and Beaver Campus students, earned a bachelor of arts degree in



Thomas A. Hale

economics from Wittenberg University in Springfield, Ohio. He holds a master of arts degree and a doctorate in economics from Northeastern University in Boston, Mass.

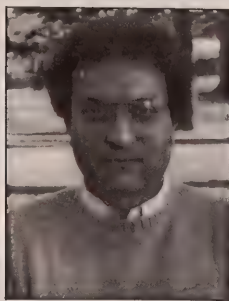
Prior to joining the Penn State faculty in 1986, he was a lecturer in the Department of Economics at Northeastern University. He currently is a consultant for the International Management Development Institute at the University of Pittsburgh.

Dr. Mookerjee is a member of the American Economic Association, American Finance Association, Eastern Economic Association, Indian Economic Association, Financial Management Association, and Omicron Delta Epsilon, an economics honor society.

Fayette Campus

Senate Minority Whip J. William Lincoln has received the 1990 Penn State Fayette Campus Outstanding Alumnus Award.

The award, established in 1985, honors former students of the Campus whose subsequent professional achievement



Rajen Mookerjee

warrants special recognition. Sen. Lincoln attended Penn State-Fayette for two years, majoring in pre-law/education.

He was elected to the Pennsylvania House of Representatives in 1973, serving until 1978, when he was elected to the Pennsylvania Senate.

In 1988, Sen. Lincoln was elected a member of the Penn State Fayette Campus Advisory Board and serves on its Academic Affairs Committee.

McKeesport Campus

Frank Neish, president of the Penn State McKeesport Campus Advisory Board, has received a special leadership award from the campus.

Mr. Neish, a 1947 Penn State graduate, has been instrumental in the Campus Scholarship Campaign and in securing matching monies from the E.R. Crawford Foundation for gifts to the campus. He serves as one of three trustees for the Crawford Foundation.

Mr. Neish's personal contributions to the scholarship campaign have allowed Penn

State McKeesport to establish a Frank E. Neish Renaissance Scholarship.

Penn State McKeesport's campaign currently stands at the \$650,000 mark—\$150,000 over the original goal for the five-year capital campaign.

Professional education

The Office of Continuing Professional Education, Division of Planning Studies, has received the American Association for Adult and Continuing Education's 1990 Continuing Professional Education leadership in providing a forum for issues facing continuing professional education.

The association cited three efforts coordinated by Donna S. Queeney, director of the Division of Planning Studies, and funded in part by the W.K. Kellogg Foundation.

First, the Association recognized the Office for convening the 1986 National Invitational Conference on Continuing Professional Education: A Call to Action. The first meeting of its kind, the conference gathered 150 continuing professional educators representing professional associations, employers, government, regulatory agencies, independent providers, and higher education to discuss pertinent issues and establish a network for further dialogue.

Second, the Association acknowledged seven continuing professional education focus groups formed and coordinated by the Office. Comprised of volunteers nationwide, the focus groups addressed issues identified at the 1986 National Conference.

Finally, the Association cited the Office for convening Continuing Professional Education Focus Groups: An Agenda for Action. At this 1990 meeting, the seven focus groups reported their findings and forged an agenda for continuing professional education through the 1990s.

Four selected as honorary alumni by Alumni Council

The Alumni Council of the Penn State Alumni Association has selected four to receive Honorary Alumni honors.

The Honorary Alumni Award was established in 1973 and honors people who, though not graduates of Penn State, have contributed toward the welfare, reputation or prestige of the University. The award is only given when the Alumni Association wishes to honor outstanding individuals.

To receive awards during a Reunion Weekend ceremony on Saturday, June 1, 1991 are:

— **John N. Coningham III** of Shavertown, vice president and co-owner of the Eastern Pennsylvania Supply Co. in Wilkes-Barre and chair of the Advisory Committee for the Penn State Wilkes-Barre Campus;

— **E. Willard** Miller of State College, associate dean emeritus for resident instruction in Earth and Mineral Sciences

and former head of the Department of Geology;

— **Ruby M. Miller** of State College, formerly the University's map librarian and library studies teacher, responsible for scholarly research; and

— **Joan L. Schreyer** of Princeton, N.J., member of the Planning Group and Executive Committee of The Campaign for Penn State.

Mr. Coningham, also a board member of Merchants Bank North, has served on the Advisory Committee for the Wilkes-Barre Campus since 1964 and as chairman since 1968.

The Coningham family gave a substantial gift to the \$2.5-million Center for Technology Campaign at Penn State Wilkes-Barre. A Yale graduate, Mr. Coningham is a past president of the Wyoming Valley United Way and YMCA

and is a member of the Mount Nittany Society.

Dr. Miller began his career at Penn State in 1945 as an associate professor of geography. In 1953 he became head of the department, and in 1972 became the associate dean of resident instruction.

He is the author of 30 books and more than 100 articles on geography, history, geology and economics. He is a past president of the American Society for Professional Geographers and the Pennsylvania Academy of Science.

Ms. Miller served for 30 years as the University's map librarian. She initiated building the map collection of Pattee Library in 1947 and also taught library studies.

She is a member of the Association of American Geographers and the National Council of Geographic Education. In addition, she and her husband, Willard

Miller, are the authors of several bibliographies and scholarly publications and editors of collections which promote the work of faculty colleagues across the University.

Ms. Schreyer was active in The Campaign for Penn State. In 1987 she and her husband, William Schreyer, a 1948 Penn State graduate and chairman and chief executive officer of Merrill Lynch and Co., in cooperation with the campus, gave \$1 million to endow the William A. Schreyer Chair in Global Management Policies and Planning in the Smell College of Business Administration.

She is a member of the Mount Nittany Society, which recognizes the highest level of philanthropy to the University.

The four Honorary Alumni bring to 32 the number of people who have received the honor.

Focus on the arts

Photography exhibit

An exhibition of works by undergraduate photography students in the School of Visual Arts opens Jan. 14 in Chambers Gallery at University Park. The exhibition will run through Feb. 8.

The photographs, which were taken by beginning, intermediate and advanced photography students, demonstrate a wide variety of subject matters and techniques.

The exhibition was juried by faculty members Marc Hessel, Gerald Lang and Ken Graves.

Chambers Gallery is located on the second floors of Chambers Building and is open two weekdays only.

Composer to speak

Pulitzer Prize-winning American composer William Bolcom will present a lecture titled "Americans and Music" at 8 p.m. Wednesday, Jan. 16, in the Recital hall of the Music Building at University Park.

His lecture is the third in the School of Music's inaugural lecture series "Music Today: 1990-1991." While at Penn State, he also will visit classes and speak with students.

Mr. Bolcom won the 1988 Pulitzer Prize in music for his composition "12 New Piano Etudes."

Bach's Lunch

The Penn State Tubas-Euphonium Ensemble will open the Spring Semester Bach's Lunch Concert Series with a performance at 12:10 p.m. Thursday, Jan. 17, in Eisenhower Chapel at University Park.

The 20-minute concert is part of the Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The program will include Berceuse and Fugue by Stravinsky and Quartet for Tubas by Frank Lynn Payne. The 20-member ensemble is conducted by School of Music faculty member Mark Lush. The tuba quartet is conducted by Jeff Parker, a graduate assistant.

'The Marriage of Figaro'

The New York City Opera National



A porcelain covered jar by Chris Stoley, assistant professor of art, will be included in an exhibition at the Garth Clark Gallery in New York City through Feb. 2.

Company will perform Mozart's most popular opera, "The Marriage of Figaro," at 8 p.m. Saturday, Jan. 19, in Eisenhower Auditorium at University Park.

The company will sing in the original Italian. English subtitles will be projected onto a screen suspended above the stage. The new production of "The Marriage of Figaro" is budgeted at more than \$1.5 million. The company consists of a 73-member ensemble, including 10 soloists and a 30-piece orchestra.

Bruce Trinkley, associate professor of music, will speak at 7 p.m. in the Greenroom of Eisenhower Auditorium before the performance as part of the free lecture series Artistic Viewpoints.

The event is supported in part by a grant from the Commonwealth of Pennsylvania Council on the Arts.

Violin recital

Lois Durrant, a part-time faculty member in the School of Music, will present a violin recital at 8 p.m. Saturday, Jan. 19, in the

Recital Hall of the Music Building at University Park.

She will be accompanied by Jill Olson for the performance. The program will include works by Beethoven, Wieniawski, Ben-Haim and Kreutzer.

Illustrated lecture

Two Egyptian funerary ships discovered beside the Great Pyramid at Giza will be the topic of an illustrated lecture by Paul Lipke at 8 p.m. Monday, Jan. 21, in Zollner Gallery at University Park.

He will show slides of the interior of both hulls and cabins of the two ships and explain the details that had revolutionary implications for Egyptian engineering, seafaring and cross-desert transport of merchant ships.

Mr. Lipke's lecture is part of the meeting of the Central Pennsylvania Society of the Archaeological Institute of America and is free and open to the public.

Brass quintet

Pennsylvania Brass Works, the brass quintet of the School of Music, will present a free concert at 8 p.m. Wednesday, Jan. 23, in the Recital Hall of the Music Building at University Park.

The program consists of works by Paul Hindemith written between 1932 and 1954.

Members of Pennsylvania Brass Works are faculty members and graduate students in the School of Music and include: Robert Howard and Nancy Frank, trumpets; Lisa Bontrager, horn; Mark Lusk, trombone; and Jeffrey Parker, tuba.

Recognition recital

Eight undergraduate students in the School of Music will present a special Jury Recognition Recital at 8 p.m. Friday, Jan. 25, in the Recital Hall of the Music Building at University Park.

The students were selected by the music faculty for their outstanding performances during the Fall Semester juries held in December. Students were selected from the keyboard, voice, woodwinds and brass areas.

Duquesne University. She earned a Ph.D. in ethnomusicology from the University of Pittsburgh.

Patrick W. Shannon, professor of education, is the author of *The Struggle to Continue: Progressive Reading Instruction in the United States*.

The book, published by Heinemann Books, describes the underlying philosophies and practices of alternative literacy programs in American schools using historical contexts for a sense of legitimacy. Additionally, the book seeks to build coalitions to improve the chances for success, and offers progressive ways to seek the future while looking at the past.

Zoller exhibit

An exhibition of unique and limited edition books from the United States, Canada and Mexico is on display through Feb. 3 in Zollner Gallery at University Park.

The exhibition, "Artists' Books," includes visual books, nontraditional books, nonfunctional books and books as art objects. Curated by faculty members Chuck Cave and Ken Graves, the books are from archives, small presses and book outlets.

Arts organizations loaning books to the exhibition include the Washington Project for the Arts, Washington, D.C.; Art Metropole, Toronto, Canada; El Archivero, Mexico; Artists Bookworks, Chicago; Franklin Furnace, New York City; Rare Books Collection, Pattee Library; Printed Matter Bookstore at DIA, New York City. Several private collections also loaned books.

Zoller Gallery is located in the School of Visual Arts adjacent to the Palmer Museum of Art. Gallery hours are Monday through Friday 9 a.m. to 5 p.m., Saturday from 11 a.m. to 4:30 p.m., and Sunday from noon to 4 p.m.

English music festival

A two-week trip to the famed Three Choirs Festival in England Aug. 15-26 will be hosted by James C. Moeser, organist and dean of the College of Arts and Architecture.

The trip will include six orchestral concerts, featuring the Royal Liverpool Philharmonic and other musical groups from the festival, and an organ concert by Dean Moeser and Susan Dickerson, a faculty member in the School of Music at the University.

In addition to the concerts, there will be trips to nearby sites, including Clouetier cathedral, the Royal Worcester porcelain museum and factory, Oxford and London.

The group will stay in Hereford at the Green Dragon Hotel, a restored hotel of the Trust House Forte group.

Reservations are limited to 30 and must be made by Jan. 15. For more information, call (814) 863-2142.

Bookshelf

Emma S. Rocco, associate professor of music at the Penn State Beaver Campus, is the author of *Italian Wind Bands: A Surviving Tradition in the Milleniums of Pennsylvania*, published by Garland Publishing Co. as part of its new series *European Immigrants and American Society: A 26 Volume Collection of Studies and Dissertations*.

Dr. Rocco's book examines the transfer of the "festa" band tradition of Southern Italy, an important social and religious force, to America. The relationship of those wind band traditions in the preservation of religious and civic functions central to

regional holidays also is discussed. The book reflects upon the social needs of a people for whom religion, recreation and regional pride were intertwined.

A major goal of *European Immigrants and American Society*, which makes available previously unpublished doctoral dissertations, is to trace the complex interactions between European immigrants and American society. Many of the studies were written by third-generation members of the communities which were focused upon.

Dr. Rocco, a native of Monaco, holds a bachelor of science degree in public school music and piano performance and a master of fine arts in theory and composition from

Paul West's 12th novel, *Lord Byron's Doctor*, recently published in French, has been shortlisted for three French literary prizes: the Femina, the Medias, and the Prix du Meilleur Livre Etranger.

Professor West, professor of English and comparative literature and Fellow of the Institute for the Arts and Humanistic Studies, was in Paris to give readings and appear on French television.

Le Maitre de Lord Byron is published by Les Editions Rivages and was published in New York by Doubleday and Co. The American paperback edition will be published by the University of Chicago Press this December. His next novel, *The Women of Whitchapel and Jack the Ripper*, will be published in March by Random House.

University Park Calendar

January 10- January 20

Special Events

Thursday, January 10
Returning Adult Student Center, 4 p.m., 323
Boucke. Orientation for adult learners and their
families. Call 863-3887.

Friday, January 11
Trustees meet at University Park, through Jan.
12.

Registration deadline.
Saturday, January 12
Faculty Women's Club, Mid-Winter Trustees
Brunch, 9 a.m., Nittany Lion Inn. Jill Findeis on
"Women in Transition-Looking Forward,
Looking Back."

Monday, January 14
Classes begin 8 a.m.

Tuesday, January 15
Red Cross blood drive, 10 a.m.-4 p.m., 101 Kern.
■ Australia-New Zealand Studies Center/Public
Policy and Admin., seminar, 7-9 p.m., 305
HUB. S.D. Hollway, govt. of Australia, and
John M. Power, Univ. of Melbourne, on
"Implications of the Policy Formation Process
in Australia."

Wednesday, January 16
Professional Women at Penn State, noon-1 p.m.,
Frizzell Room, Eisenhower Chapel. Film: "Still
Killing Us Softly: Images of Women in
Advertising."
Music Lecture Series, 8 p.m., Recital Hall.
William Bolcom, Univ. of Michigan, on
"Americans and Music."

Thursday, January 17
Red Cross blood drive, noon-5 p.m., 101
Robeson Cultural Center.
Bach's Lunch Concert, 12:10-12:30 p.m.,
Eisenhower Chapel, Penn State Tub-
euphonium Ensemble.

Friday, January 18
Commission for Women, meeting, 10 a.m.-noon,
336 Harmon.
Shaver's Creek, 7-9 p.m., Owl Prowler. Call 863-
2000.

Promotions

Staff Exempt

Mary M. Banko, to administrative head
department at Hershey.
Samuel J. Bressi, to manager, University
Fitness Center at Hershey.
Mary Jane Drake, to supervisor, clerical
support services in Office of Physical Plant.
Gretchen E. Erb, to counselor, Student
Services.
Barbara Garbrick, to personnel assistant in
Office of Physical Plant.
Ann B. Gray, to lead applications
programmer/analyst in Office of Budget
and Resource Analysis.
Kathy L. Hacker, to advising/counseling
specialist at Penn State Erie, The Behrend
College.
Lee A. Hess, to senior budget analyst in
Office of Budget and Resource Analysis.
Denise F. Kiste, to senior applications
programmer/analyst in Office of Budget



Matthew Lau sings the role of Figaro in "The Marriage of Figaro" to be performed at 8 p.m. Jan. 19 in Eisenhower Auditorium.

Saturday, January 19
Shaver's Creek, 1-2:30 p.m., Animals in Winter.
Call 863-2000.

■ Center for the Performing Arts, 8 p.m.,
Eisenhower Aud. NYC Opera National Co.,
"The Marriage of Figaro." Also, 7 p.m.,
Greenroom, Artistic Viewpoints lecture by
Bruce Trinkle.
Recital, 8 p.m., Recital Hall. Lois Durran, violin.
Sunday, January 20
Ebony and Ivory Week through Jan. 26.

Public Radio

WPSU-FM 91.1
"All Things Considered." Monday-Friday, 5-6:30

and Resource Analysis.
Jack L. Kneel, to director, facility design and
support services in Office of Physical Plant.
Katherine L. Krinks, to assistant manager,
Nittany Apartments in Housing and Food
Services.
Donna M. Lewis, to coordinator, research
and administrative services in Business
Administration.
David S. Martin, to supervisor, night and
weekend operations in Office of Physical Plant.
Karen L. O'Brien, to budget analyst in
Office of Budget and Resource Analysis.
Robert G. Ohs, to contracts and grants
specialist in Research and Graduate School.
Alexa Powell, to assistant regional director
of development and university relations at
Delaware.
Cathy M. Salak, to assistant director of
student programs services at Hazleton
Campus.
Edward P. Staib, to senior applications
programmer/analyst in Office of Budget
and Resource Analysis.

p.m.; Saturday and Sunday, 5-6 p.m., Morning
Edition, Monday-Friday, 6-8 a.m.; Weekend
Edition, Saturday and Sunday, 11 a.m.-1 p.m.
"Odyssey Through Literature," 12:30 p.m.
Wednesdays, with S. Leonard Rubinstein.

Conferences

Continuing Education

Keller Building
Jan. 14-18, Basic Water Quality Management.
David Long, chair; Kent Addis, coordinator.
Jan. 14-18, Qualification Course in Well Control.
Stanley Supon, chair; Norm Lathbury,
coordinator.

Meredith E. Tulli, to office coordinator,
specialist at Hershey.
Deimar Woodring, to police service
supervisor in University Safety.

Staff Non-Exempt

Donald C. Carpenter, to senior research
technician at Hershey.
Vickie R. Cunningham, to engineering aide
in Applied Research Lab.
Susan D. Fitter, to surgical head nurse at
Hershey.
Judith A. Hinge, to research technologist in
Agriculture.
Zuzana Lorinc, to research technician at
Hershey.
Melissa D. McClure, to staff nurse at
Hershey.
Kathleen O. Meyer, to coordinator,
professional billing at Hershey.
Jan Praskovitch, to administrative assistant
in Research and Graduate School.
Winifred C. Rudy, to coordinator,
hematology at Hershey.

Jan. 15, Pa. Bar Institute. Shirley Hendrick, chair.
Jerr Milson, coordinator.

Seminars

Friday, January 11
Neutron Activation Analysis Workshop, 8:15
a.m.-4:30 p.m., Breazeale Reactor.
Tuesday, January 15
Chemistry Colloquium, 3:30 p.m., SS Osmond
Lab C. Robert Matthews on "Mutagenic
Analysis of Protein Folding Reactions."
■ Nelson W. Taylor Lectures, 4 p.m., 112 Kern
Dr. Mats H. Hilbert, Sweden, on "Database
Impacts on Applied Thermodynamics." Also 4
p.m. Jan. 16, 112 Kern on "The Cubic
Tetragonal Transformation in Zirconia-Yttria."
Thursday, January 17
Physics Colloquium, 3:30 p.m., SS Osmond Lab.
David Pritchard, MIT on "Atom Optics."

Exhibits

Chambers Gallery

School of Visual Arts, Undergraduate
Photography Exhibition, opens Jan. 14

Palmer Museum of Art

Florence Patterman, A 20-Year Survey, 1970-1990
through Jan. 13.

Zoller Gallery

■ School of Visual Arts, Artists-Books through
Feb. 3

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of
the message you wish to hear. Messages are
listed in the front of the telephone directories.
Other messages are Weather-234, Arts Line-
345; University Calendar-456.

■ Reflects an international perspective

Michelle Seyedzadeh, to senior research
technician at Hershey.
Malgorzata Sudol, to research technician at
Hershey.

Clerical

Laura B. Appleyard, to senior clerk in
Office of Physical Plant.
Deborah A. Eckley, to secretary B in
Undergraduate Education.
Elizabeth G. Izenas, to secretary B at
Shenango.
Deborah E. Musser, to senior accounting
clerk at Hershey.
Susan M. Oswalt, to secretary C in Office
of Physical Plant.
Linda L. Porta, to secretary B in Student
Services.
Patricia L. Rossell, to secretary A in
Research and Graduate School.
Kelly Jo Rudy, to receptionist, typist in
Health and Human Development.
Ilidko Schall, to secretary B at Hershey.

Appointments



Clarence E. Chisholm

Clarence E. Chisholm has been appointed chief of access services at the University Libraries. Before coming to Penn State, he held the position of head of circulation and interlibrary loan, Ohio University in Athens, Ohio.

He also has held library positions at Cinch Valley College of the University of Virginia, Eastern Michigan University, Voorhees College in South Carolina, North Carolina A & T State University, Wilburforce University in Ohio, Columbus Metropolitan Library (formerly the Public Library of Columbus and Franklin County, Ohio) and the Martin Luther King Center for Social Change.

Mr. Chisholm received his bachelor's degree from Johnson C. Smith University with a major in English and a minor in education. He holds two master's degrees, an M.L.S. from Atlanta University and an M.A. in English/Afro-American literature from North Carolina A & T State University.

Maria M. Dominguez has been appointed program director of the Penn State Educational Partnership Program in Reading, Pa.

The University, Reading School District and Reading New Futures Project Inc. are



Maria M. Dominguez

collaborating to help minority students, beginning in the sixth grade, stay in school and work toward going to college. The Reading School District has nearly 12,000 students, including 18 percent Black-American/African-Americans and about 30 percent Hispanic-American youths. Four middle schools are participating in the partnership.

In her new position, Ms. Dominguez will direct and oversee the operation of the program and assist in the planning of local educational support programs. Her many responsibilities include coordinating programs and developing a cadre of student tutors.

Ms. Dominguez earned her bachelor's degree in mathematics/secondary education from Alvernia College. Her community commitment has included participation in numerous community bilingual and urban education programs in the Reading area.

The first of two partnerships, Penn State's Reading program was initiated in 1989. The University plans to explore similar partnerships with other school districts throughout the state, including the Philadelphia area.

Ingong Han, FANUC professor of industrial engineering and an international



Ingong Han

authority on group technology and manufacturing systems, has been named director of the Penn State Manufacturing Research Center.

Paul Cohen, associate professor of industrial engineering, has been named assistant director.

The MRC, established in 1988, coordinates manufacturing research at Penn State. Materials and materials processing, automation, computer-aided design, manufacturing systems and management of technology are research areas covered within the broadly based, interdisciplinary center. Other activities of the MRC include an international consortium and exchange of research fellows and a manufacturing research information center.

Dr. Han is one of the original proponents of applying group technology for effective implementation of computer-integrated manufacturing. He also has developed curricula on manufacturing systems as a core course in industrial engineering.

He was the recipient of a Senior Fulbright Professorship to the Soviet Union and is a Fellow of the Institute of Industrial Engineers, the Society of Manufacturing Engineers and the American Society of Mechanical Engineers. He served as an



Diane H. Smith

Endowed Chair Visiting Professor of Information Science at the Research Center for Advanced Science and Technology, University of Tokyo.

In 1986, Dr. Han received the SME International Education Award and has received the College of Engineering outstanding teaching and research awards.

Dr. Han is a member of the International Institution for Production Engineering Research and served as president of the North American Manufacturing Research Institution.

Diane H. Smith has been appointed chief of the Humanities and Social Sciences Department at the University Libraries.

She had been project leader for the Computer-Based Resources and Services Team at the University Libraries since 1989. Prior to serving as project leader, she held library positions as documents librarian, head of the Documents Section, and head of the Documents and Maps Section.

Ms. Smith completed her undergraduate studies at Mary Washington College in Virginia and holds two master's degrees: an M.L.S. from the University of North Carolina and an M.B.A. from Penn State.

Swedish professor to present Taylor lectures

Mals H. Hillert, professor of physical metallurgy at the Royal Institute of Technology, Sweden, will present the 1991 Nelson W. Taylor Lectures Jan. 15 and 16 at University Park.

He will speak on "Databank Impacts on Applied Thermodynamics" at 4 p.m. Tuesday, Jan. 15, in Room 112 Kern Graduate Commons, University Park, and on "The Cubic/Tetragonal Transformation in Zirconia-Yttria" at 4 p.m. Wednesday, Jan. 16, also in 112 Kern. An informal reception will be held in Kern Lobby before each lecture. All events are open to the public.

As a member of the faculty of Stockholm's Royal Institute of Technology

for 30 years, Dr. Hillert has made fundamental contributions to the study of materials. His more than 200 scientific papers have ranged over various aspects of phase transformations, force equilibria, and the thermodynamic properties of metal alloys. His current interests focus on the development and application of computer techniques to these areas.

Among the many awards recognizing Dr. Hillert's distinguished achievements are the two highest awards given in physical metallurgy: the Acta Metallurgica Gold Medal, and the R.F. Mehl Medal of the Metals Society of AIME. He also has received the Bakhus Roozeboom Gold Medal of the Royal Academy of the

Netherlands, the Murakami Gold Medal from Japan, and from Sweden, the Brinell Gold Medal and the Rinnman Gold Medal. He has been awarded honorary doctorates by the Chalmers Institute of Technology, Goteborg, Sweden, and the Grenoble Institute of Technology, France, and holds a number of other honorary titles.

The Taylor distinguished lecture series sponsored by the Department of Materials Science and Engineering, was established in 1968 to honor the memory of Nelson W. Taylor, head of the Department of Ceramics from 1933-43. It continues to be supported by his widow, Miriam Taylor.

Professional women

Sabrina Chapman, director, Center for Women Students, will provide a short presentation and show a film titled "Still Killing Us Softly: Images of Women in Advertising" at a meeting of Professional Women at Penn State on noon Wednesday, Jan. 16, in the Frizzell Room of Eisenhower Chapel, University Park.

Professional Women at Penn State is a grass-roots group coordinated by University women in which participants can develop and maintain a communications network and serve as a resource for other Penn State women.

All members of the University community are welcome to attend.

Program gives students research opportunities

A special academic advantage awaits undergraduate students interested in working one-on-one with faculty researchers.

"Research Opportunities for Undergraduates" is a program that links undergraduate students with faculty members involved in research," **Jerry B. Covert**, associate dean for undergraduate education and coordinator of the program's advisory board, said.

"This type of mentoring program at the undergraduate level is a tremendous retention tool. The knowledge students gain from the experience will help to build their confidence in independent inquiry, show them the value of critical thinking and prepare them for the challenges they will face in the 'real' world."

To date, faculty response has been very enthusiastic, Dr. Covert said. More faculty members are encouraged to join the program.

"Uniting undergraduate students and faculty in research projects ties together the University's dual missions of teaching and research and appropriately shows the connection between undergraduate learning and research."

He noted that many undergraduates already participate in projects with faculty

researchers through the University Scholars Program or on an informal basis. The Research Opportunities for Undergraduates program expands opportunities for more undergraduate involvement in research at all University locations.

Faculty participants are listed and their research interests are described in *Research Opportunities for Undergraduates at Penn State: A Reference Guide 1990-1991*, which is available at all campus libraries, as well as via the Electronic Bulletin Board (EBB). A brochure with details on the program and accessing EBB is available from the Office of the Vice Provost and Dean for Undergraduate Education, 207 Old Main.

Students can participate on a non-pay basis or receive remuneration through work-study or wage-payroll budgets. They also can elect to earn from one to 12 credits in Research Topics Courses (294, 494).

Research Opportunities for Undergraduates got its start in fall 1988, when Dr. Covert began gathering information about other universities' undergraduate research programs. He later organized a subcommittee of the Administrative Council on Undergraduate Education to develop a proposal to establish an Office of Undergraduate Research.

A universitywide advisory board, with wide representation from the colleges and academic units, was established to implement the proposal.

The board includes **Harold W. Aurand**, director of Academic Affairs, Penn State Hazleton Campus; **Dr. Covert**, John J. Coyle, professor of business logistics; **Wayne R. Curtis**, assistant professor of chemical engineering; **Richard Cyr**, assistant professor of biology; **William M. Farnsworth**, director, Office of Undergraduate Information and Communications; **Albert Guber**, professor of geology; **Ernest Harrison**, professor of chemistry, Penn State York Campus;

Allen T. Phillips, professor of biochemistry; **Howard G. Sachs**, professor of biology and associate dean, Penn State Harrisburg; **Robert A. Schlegel**, professor of molecular and cell biology; **Jay Stauffer**, professor of fishery science; **Frederick Stefon**, assistant professor of history, Penn State Wilkes-Barre Campus; **Robert M. Stern**, professor of psychology; **Santosh Varghese**, undergraduate student; **Helen S. Wright**, professor of nutrition.

For more information about the program, contact Dr. Covert at 863-7035 or any member of the advisory board.

News in Brief

Department to move

The Department of Entomology will be moving from 106 Patterson Building to the Agriculture Sciences and Industry Building, Effective Feb. 1, all department mail should be addressed to 501 Ag Sciences and Industries Building.

Deadline extended

The deadline for applications/nominations for the position of academic officer in the Office of Education Abroad Programs has been extended until Friday, Jan. 25. Applications/nominations should be submitted to Michael Smyer, chair, Search Committee, Office of Education Abroad Programs, 222 Boucke Building, University Park.

Macintosh workshops

The Returning Adult Student Center is sponsoring a series of Macintosh computer workshops for returning adult students.

The workshops will focus on: introduction to word processing; reduction of anxiety about computers, and how to write and edit papers. To enroll or for more information, call the center at 863-3887 or stop by 323 Boucke Building, University Park. Enrollment is limited, and reservations will be accepted on a first-come, first-served basis.

Sessions will be held in the Computer Learning Center, 220 Boucke, from 9 to 10 a.m. and from 6 to 7 p.m., Jan. 14, from 3:30 to 4:30 p.m. and from 6 to 7 p.m., Jan. 15, and from 12:30 to 1:30 p.m., Jan. 17.

Adult student award

The Returning Adult Student Center at University Park is now accepting nominations for its Outstanding Adult Student Award.

To qualify for the award, a student must have begun or resumed studies after the age of 21 and been enrolled at University Park as a full- or part-time undergraduate or graduate student within 12 months of nomination. Undergraduates must have completed 45 credits, taking at least 30 of them at Penn State, and graduate students must have earned a minimum of 15 graduate credits.

Nomination packets may be obtained by calling 863-3887 or visiting the Center at 323 Boucke Building. Completed packets must be returned to the Center by Friday, Feb. 15.

Radon test kits

The Low Level Radon Monitoring Laboratory provides radon test kits for individuals wishing to test their homes. The cost to analyze samples is \$25 per kit typically, only one kit is used to initially screen a residence for radon.

If you are interested in utilizing this service, contact the Low Level Radon Monitoring Laboratory at 863-2647.

American Red Cross blood drive

The Centre Communities Chapter of the American Red Cross kicks off its spring blood schedule at University Park on Tuesday, Jan. 15, at the Kern Graduate Center, from 10 a.m. to 4 p.m. While unscheduled donors are welcome at all campus drives, appointments to donate blood at Kern may be made by calling the Graduate Student Association office at 865-4211.

Spring 1991 campus blood schedule

Time	Day	Date	Location
10 a.m.-4 p.m.	Tuesday	1/15	101 Kern
noon-5 p.m.	Thursday	1/17	Paul Robeson Center
10 a.m.-4 p.m.	Tuesday	1/22	HUB
10 a.m.-4 p.m.	Wednesday	1/23	HUB
1-7 p.m.	Wednesday	2/6	Findlay
1-7 p.m.	Thursday	2/7	Simmons
1-7 p.m.	Friday	2/8	Waring
1-7 p.m.	Tuesday	2/12	Pollock
1-7 p.m.	Wednesday	2/13	Stephens
1-7 p.m.	Thursday	2/14	Warnock
noon-5 p.m.	Thursday	2/21	White Lobby
10 a.m.-4 p.m.	Wednesday	3/20	Wagner
10 a.m.-4 p.m.	Friday	3/22	Wesley Foundation
10 a.m.-4 p.m.	Tuesday	3/26	101 Kern
Monday		4/8	Findlay
10 a.m.-4 p.m.	Tuesday	4/9	HUB
10 a.m.-4 p.m.	Wednesday	4/10	HUB

Herbarium grant

The University's Mycological Herbarium, located on the Penn State Mont Alto Campus, has received a \$26,128 grant from the National Science Foundation.

C.B. Wolfe, professor of biology at Mont Alto and curator of the herbarium, said the grant funds will be used to purchase a high-density storage system for the mushrooms and other fungi specimens housed in the herbarium which will use less space but store nearly 40 percent more specimens. "The significance of the herbarium lies in its possession of 550 'type specimens,' specimens upon which the names of species are based," Dr. Wolfe said. "In addition, the herbarium holds 67,000 other specimens from around the Western Hemisphere collected by Penn State mycologists during the last 75 years."

Dr. Wolfe submitted the proposal for the grant money to the National Science Foundation in summer 1989 following the herbarium's move from University Park to Mont Alto.

"In order to receive an award, an herbarium must demonstrate that the collections have national and international scientific significance," Dr. Wolfe said. "This significance is evidenced by the fact that the national mycological community participated in a peer review process that examines all proposals. The grant was awarded based on the peer review process."

"While the National Science Foundation has contributed \$26,000 to purchase the storage system, the University has spent nearly an equivalent amount - \$23,000 - in moving the herbarium, renovating the facility and purchasing equipment and supplies, as well as contributing to the purchase of the new system."

Partings

Gregory F. Silver, executive producer, Agriculture, from Nov. 27, 1978, until Aug. 1.

Judith A. Lyter, research nurse at Hershey, from July 16, 1979, until Aug. 11.

Friedrich G. Helfferich, professor of chemical engineering, Engineering, from Sept. 1, 1980, until Sept. 1.

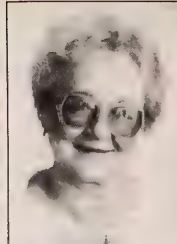
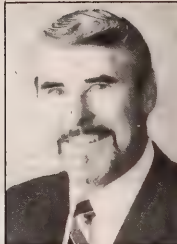
Marlin L. Matter, environmental health worker at Hershey, from Sept. 15, 1980, until Sept. 18.

Janice F. Glunt, data retrieval specialist, Division of Development, from March 5, 1971, until Sept. 8.

Carpooler

Joyce is looking for a ride from the Logan, Lock Haven, Lamar or Mill Hall areas to University Park. She works from 8 a.m. to 5 p.m. and can be reached at 863-1977 or (717) 725-3858.

25-year award recipients



Observing 25 years of service at the University are, from left, Robert K. Howard, assistant professor of health and physical education, and Donald Whitfield, financial officer, both at the Penn State New Kensington Campus. Ronald J. Harshbarger, associate professor

of mathematics, and Mildred Izzo, secretary in the Office of University Relations, both at the Penn State Beaver Campus; Grace Laubach, associate professor of nursing in the College of Health and Human Development at the Hershey Medical Center.

Penn Staters

John A. Brighton, dean of the College of Engineering and professor of mechanical engineering, has been appointed to an additional term on the National Science Foundation Advisory Committee for Engineering, a national group of approximately 21 experts.

Harold Groff, assistant professor of telecommunications at the Penn State Wilkes-Barre Campus, has received a grant for \$10,000 from the Cable TV Museum to develop an associate degree program in cable television technology.

William Horrocks Jr., professor of chemistry, gave an invited lecture titled "Europium (III) and Cerium (III) Luminescence as a Probe of Biomolecules and Coordination Compounds: Icosahedral Viruses and Aminophosphonate Complexes" at the First International Conference on the f-Elements at the University of Leuven in Belgium.

Bob Intieri, P.G.A. master professional at the Penn State Golf Courses, has been chosen as the 1990 Philadelphia P.G.A. Horton Smith Award Winner.

Patrick Moylan, assistant professor of physics at the Penn State Ogonitz Campus, presented a paper at the XVIII Colloquium Group Theoretical Methods in Physics in Moscow and delivered a lecture at the Fifth International Conference on Hadronic Mechanics and Non-Potential Interactions at the University of Northern Iowa.

Syedur Rahman, assistant professor of public administration, was an invited member of the Bangladesh Delegation to the Second United Nations Conference on Least Developed Countries in Paris.

Jean-Marc Bollag, professor of soil microbiology, has been installed as a

Fellow of the Soil Science Society of America.

J.L. Duda, professor and head of chemical engineering, has been elected to the governing board of the Council for Chemical Research.

Patrick Hatcher, associate professor of fuel science, and **Jean-Marc Bollag**, professor of soil microbiology were invited keynote speakers at the meeting of the International Humic Substances Society in Nagoya, Japan. Dr. Hatcher spoke on "Recent advances on the origin and structure of sedimentary humic substances made possible by NMR and analytical pyrolysis," and Dr. Bollag's topic was "Detoxification of aquatic and terrestrial sites through binding of pollutants to humic substances."

John R. Heilmann, assistant professor of ceramic science, and **Albert E. Segall**, research assistant, presented "Thermomechanical Performance of Ceramic Radiant Tubes" at the First International Conference on Ceramics in Energy Applications: New Opportunities, Sheffield, United Kingdom.

Elmer E. Klaus, professor emeritus of chemical engineering, presented "Chemical Reactions in Mixed Film and Boundary Lubrication" at the International Symposium on Industrial Tribology.

Gary Messing, professor of ceramic science and engineering and principal investigator with the Center for Advanced Materials, has been named a Fellow of the American Ceramic Society.

Michael F. Modest, professor of mechanical engineering and principal investigator with the Center for

Advanced Materials, presented "Laser Processing of Materials - The Present and Future" at the XXII ICHMT International Symposium on Manufacturing and Materials Processing in Dubrovnik, Yugoslavia.

Robert F. Newnham, Alcoa professor of solid state science, and **Richard E. Tressler**, professor of materials science and engineering and director of the Center for Advanced Materials, were invited speakers at "Contemporary Issues in Ceramic Science" at Ringberg Castle, Germany.

Carlo G. Pantano, professor of materials science and principal investigator with the Center for Advanced Materials, presented "Chemical and Compositional Analysis of Glass Surfaces" at the Union Scientifique Continentale du Verre, Fontainebleau, France.

Anne C. Petersen, dean of the College of Health and Human Development, gave an invited presentation on "Depression and Problem Behavior: Adolescent Development in Different Contexts" at a workshop, "Youth in a Changing World: A European Perspective," sponsored by Academia Europa and the Jacob Suchard Foundation in Marbach, Germany.

Laurence E. Prescott, associate professor of Spanish and black studies, presented a paper titled "Perfil historico del autor afro-colombiano" at the III Seminario de Cultura Negra hosted by the University of the Cauca in Popayan, Colombia.

Richard E. Tressler, professor of materials science and engineering and director of the Center for Advanced Materials, presented "Oxidation of Silicon Carbide-based Ceramics" to the Laboratoire Des Composites

Thermochimiques, University of Bordeaux, Bordeaux, France.

Leon D. Tukey, professor of pomology, and **Terry L. Salada**, undergraduate honors program student, presented a research paper titled "Apple Fruit Enlargement and Growth Substances Foliar Applied to Bearing Trees" at the 23rd International Horticultural Congress in Florence, Italy.

Nancy Wallace, cooperative extension agent in Westmoreland County, has been elected eastern region director of the National Association of Extension Home Economists.

Nancy Woods, director of the Adult Literacy Action project at the Penn State Beaver Campus, has been elected chairperson of the Pennsylvania State Coalition for Adult Literacy.

Julia Cuervo-Hewitt, associate professor of Spanish, presented an invited paper, "A Passage from Africa to the Caribbean and the Quest for the Origins of Identity," at an international symposium on "Islands in Time: Identity and Culture in the Caribbean," sponsored by the Iowa Humanities Board and the University of Iowa in Iowa City.

Robert B. Eckhardt, associate professor of anthropology, delivered an invited address titled "Hominid Evolution: Molecular and Morphological Perspectives" at the XIIIth Congress of the International Primatological Society in Kyoto, Japan.

H. LeRoy Marlow, director emeritus of the Pennsylvania Technical Assistance Program (PENNTAP), has been elected an honorary life member of the National Association of Management and Technical Assistance Centers.

Staff Vacancies

Continued from page 12.

academic support services and creation of various department publications. Requires master's degree, or equivalent, in student personnel administration, counseling or related field plus over one year up to and including two years of effective experience. This is a **FIXED-TERM POSITION** FUNDING UNTIL JUNE 30, 1991. WITH POSSIBILITY OF RE-FUNDING. STAFF GRADE 7.

*01229, Maintenance Foreman, CES, Beaver Campus - Responsible to the director of business services for planning, scheduling, and supervising maintenance, repair, and up-keep activities of the Beaver Campus physical plant and facilities. Requires high school graduate, or equivalent, with several years of trades training and two to four years of effective experience in such areas as heating/ventilating, electrical work, landscaping, plumbing, painting, carpentry and maintenance. Leadership qualities and experience in supervisory capacity highly desirable. STAFF GRADE 5.

*01230, Publications Designer, Office of Business Services, University Park Campus - Design and layout brochures, newsletters, posters, journals, and other University publications utilizing page layout, graphics, print, drawing, and image scanning computer software. Conceptualizing layout from minimal detail, provide design solution for client and modify according to specifications. Requires bachelor's degree, or equivalent, in plus one to two years of effective experience in graphic design or related field. STAFF GRADE 5.

*01232, Junior Engineering Aide, Applied Research Laboratory, University Park Campus - Responsible to the project engineer to conduct senior engineering aide for assistance in the fabrication testing, installation, operation, and maintenance of non-standard electronic or mechanical parts, components and equipment. Requires associate degree, or equivalent, in electrical or mechanical engineering technology program, and more than three months of effective experience. Position may require travel on field

assignments including assignments abroad ship at sea U.S. citizenship required STAFF GRADE 3

*01233, Engineering Aide, Applied Research Laboratory, University Park Campus - Responsible to the project engineer or senior engineering aide for the layout, design, fabrication, and construction of standard electronic or mechanical components and equipment Assist in conducting tests and with the collection, compilation and analysis of test data. Requires associate degree, or equivalent, plus two to four years of effective experience in the design and fabrication of experimental equipment. Position may require travel on field assignments including assignments abroad ships at sea U.S. citizenship required. STAFF GRADE 5.

In addition, there are a number of positions that, because of the frequency with which they become vacant, are still available after employees in the work unit have been considered. Some of such positions are available on a fairly regular basis. They are not announced each time

they are open. Instead they are announced periodically so a pool of interested candidates can be developed. Applications for such positions may be made at any time, and you are welcome to make your interest known to the Employment Division for further consideration when such vacancies occur. These positions are 01234, Assistant Research Engineer; 01235 Associate Research Engineer; 01236, Research Engineer; 01237, Senior Research Engineer, all at the Applied Research Laboratory.

Hershey

For the following position vacancies, apply directly to The Milton S. Hershey Medical Center, Attach resume with cover letter indicating the position vacancy code and forward to the Department of Human Resources, Hershey, or call the Hershey bid line at (717) 531-8551 by Jan. 17.

*1971, Speech Language Pathologist, Department of Speech Language Pathology - Responsible to the manager.

Speech and Language, for performing a wide variety of duties in the diagnosis, treatment and evaluation of persons with various speech difficulties and deficits. Requires a master's degree in speech pathology with certificate of clinical competence in speech pathology from the American Speech and Hearing Association, plus one to two years of effective experience. STAFF GRADE 6

*19018, Nursing Manager, College of Medicine, Department of Nursing - Responsible to the director of nursing services or the assistant director of medicine services as designated for the operation of the MICU and Medical Intermediate Care Unit, including nursing care activities, the coordination of patient care service, and maintaining acceptable standards of good patient care on a 24-hour basis. Requires BSN or equivalent plus three to four years of effective experience and license to practice as a registered nurse by the Pennsylvania State Board of Nursing. A MSN preferred, as well as previous ICU experience.

Nominations for provost being sought

The University invites applications and nominations for the position of executive vice president and provost of the University.

The executive vice president and provost reports directly to the president, acts on the president's behalf in his absence, and is the University's principal academic officer responsible for the administration of the University's resident instruction, continuing education and research programs and procedures, and for the general welfare of faculty and students.

Candidates for the position should have academic credentials appropriate for appointment as a tenured professor; a broad understanding of academic institutions; executive experience and proven leadership

capacity; understanding, and support for the University's multiple missions and its commitment to cultural diversity; evidence of experience in fiscal management; and the ability to attract human and financial resources to the University.

The search committee will review applications and nominations beginning immediately, and will continue to receive them until a candidate is selected. Nominations and applications, accompanied by a resume or equivalent information, should be mailed to:

Thomas L. Merritt, chair, Search Committee, Executive Vice President and Provost of the University, 205-Q Old Main, University Park, Pa. 16802.

STS director search being conducted

The University is conducting a national search for the position of director of the Science, Technology and Society Program, a University-wide, interdisciplinary program housed in the College of Engineering.

The Penn State STS program, nationally recognized for its leadership in the field, is composed of approximately 30 associated faculty members from agriculture, the natural sciences and engineering, humanities, social sciences, communications, and education.

Candidates should have an earned doctorate, demonstrated leadership in an STS-related field, scholarly achievement, and ability to administer and further develop a broad interdisciplinary program.

They must have qualifications for an appointment to an academic department. Experience with development of proposals for external grants and contracts is preferred.

Qualified candidates should submit a cover letter, curriculum vitae, and the names, addresses and telephone numbers of three references to Edward H. Klevas, chairman, STS Program Director Search Committee, Penn State, 231 Sackett Building, Box D, University Park, PA 16802.

Applications received by Feb. 22 will be assured of consideration. However, applications will be considered until the position is filled.

Obituaries

Fred V. Grau, a former Penn State extension agronomist and developer of Penngrit crownweeth, a perennial used worldwide to prevent erosion and beautify highway slopes, died Dec. 1 at the age of 88.

A 1931 graduate of the University of Nebraska with a bachelor of science degree in agronomy, he earned a master of science degree in 1933 and his doctorate in 1935 from the University of Maryland.

He joined Penn State in 1935 and served as extension agronomist in turf until 1945. At the time of his death, Dr. Grau was promoting the use of grass species that require low levels of water, fertilizer and pesticides, and athletic field maintenance and development to reduce injuries.

Amul Mun, professor of geochemistry and materials science, died Dec. 17 at the age of 67.

Born in Lokken, Norway, he received the diploma, chemistry, from the Technical University, Trondheim, in 1948, and the Ph.D. in geochemistry from Penn State in 1955.

He was appointed assistant professor of metallurgy in 1955, named professor of metallurgy in 1962, served as professor of mineral sciences from 1966 to 1970, and as special professor from 1970 until his death.

From 1966 to 1971, he served as head of the Department of Geochemistry and Mineralogy, and from 1971 to 1974 as head of the newly formed Department of Geochemistry. He served as associate dean for research for the College of Earth and Mineral Sciences from 1976 to 1985 and was acting dean of the college in 1985.

Dr. Mun was recognized worldwide for his studies of the fundamental response of materials to high temperatures. In a 40-year career, he built a coherent and multifaceted body of research on heterogeneous equilibria and thermodynamics and the application of these principles to

geosciences and in technologies where materials are used in high-temperature environments.

Peggy Hefkin, resident hall worker, Housing and Food Services, from Oct. 16, 1973, until her retirement May 31, 1980, died Nov. 15. She was 68.

William J. Leiss, retired associate professor of engineering in the Applied Research Laboratory, died Nov. 18 at the age of 68. He joined ARL Sept. 1, 1945, and retired July 1, 1977.

Hubert E. Williams, boiler repairman, Office of Physical Plant, from April 15, 1927, until his retirement Nov. 1, 1966, died Nov. 24. He was 84.

Clyde M. Maurer, houseman, Housing and Food Services, from Feb. 1, 1954, until his retirement, May 1, 1967, died Nov. 24 at the age of 89.

Raymond R. Byron, environmental system specialist, Office of Physical Plant, from

Jan. 1, 1967, until his retirement June 10, 1984, died Nov. 25. He was 68.

Alice M. Simpson, senior clerk, University Libraries, from March 1, 1967, until her retirement Jan. 1, 1979, died Nov. 25 at the age of 70.

Alvin P. Krebs, farm foreman, College of Agriculture, from May 1, 1922, until his retirement July 1, 1972, died Nov. 30. He was 83.

Harry T. Robins, clerk, former College of Health, Physical Education and Recreation, from Nov. 10, 1973, until his retirement May 1, 1984, died Dec. 1 at the age of 76.

Tammy Jo Welch, janitorial worker, Office of the Physical Plant, since June 25, 1990, died Dec. 3. She was 22.

Mervyn P. Heiman, assistant purchasing agent, Department of Purchases, from Feb. 18, 1946, until his retirement July 1, 1975, died Dec. 13. He was 75.

Staff Vacancies

The following vacancies for positions (classified as staff exempt of staff nonexempt) have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. **APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304.** Applications for these staff vacancies will be accepted until Jan. 17. **DO NOT CONTACT THE AREA THAT HAS THE VACANCY.** Applications for staff vacancies are considered in accordance with Fair Employment practices (PS 1) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law) sex, or status as a disabled or Vietnam era veteran.

***01212. Accounting and Proposal Assistant, Senior Vice President for Research and Dean of the Graduate School, Pennsylvania Transportation Institute, University Park Campus** - Responsible to the director, Pennsylvania Transportation Institute, for providing administrative support in proposal preparation, budgeting, and accounting operations and for the supervision of accounting clerical staff. Requires associate degree or equivalent, in accounting plus two to three years of effective experience. Knowledge of University accounting procedures and expertise in computerized spreadsheets is highly desirable. **STAFF GRADE 5**

***01213. Admissions Counselor II, Undergraduate Education, Undergraduate Admissions Office, University Park Campus** - Responsible to the director, Division of Admissions, Services and Management for general assistance in handling of the more complex admissions matters in an assigned functional area. Requires bachelor's degree or equivalent plus one to two years of effective experience in educational administration or in related field such as industry or military service. **STAFF GRADE 6**

***01214. Senior Research Aide, College of Agriculture, Horticulture, University Park Campus** - Assist with all aspects of the establishment and maintenance of research and demonstration tree plots at the Horticulture Research Farm at Rock Springs, on campus, or at the sites of

cooperating nursery owners across the state. Requires bachelor's degree, or equivalent in horticulture or related field plus one to two years of effective experience. Must have passed test for Category 18 Public Pesticide License. **STAFF GRADE 5**

***01215. Research Aide, College of Agriculture, Entomology, University Park Campus** - Perform sensitive and complex analysis on a variety of samples by utilizing various techniques of extraction, clean up procedures and other analytical methods leading to qualitative and quantitative analyses of such samples for minute traces of materials. Requires bachelor's degree science, or equivalent, plus one to two years of effective laboratory experience. Good background in chemistry is desirable. **STAFF GRADE 4**

***01216. Computer Operator, Housing and Food Services, University Park Campus** - Responsible to the manager, Housing and Food Services Information Systems, for the operation and preparation of computers for program processing and for operation of peripheral equipment, including the residence hall security system. Requires associate degree, or equivalent, in computer operations or programming, plus one to two years of effective experience with data processing systems and equipment. **NOTE: HOURS 11 P.M. TO 7 A.M. STAFF GRADE 4**

***01217. College Health Nurse, Student Services, University Health Services, University Park Campus** - Responsible to nurse manager for providing nursing services in the Observation Unit and Urgent Care Clinic and assisting licensed physicians in patient care. Requires graduate from an accredited nursing program and current licensure in the state of Pennsylvania as a registered nurse plus six to nine months of effective experience. Past experience in an emergency room setting or an acute ambulatory care clinic. Proficiency in IV administration and physical assessment highly desirable. **NOTE: FULL-TIME 12-MONTH NIGHT SHIFT POSITION**

***01218. Student Insurance Assistant, Student Services, University Health Services, University Park Campus** - Responsible to the assistant director, University Health Services for

coordinating the activities of the Student Insurance program including contact with students, parents, insurance carriers, health care providers and University staff. Requires bachelor's degree, or equivalent, in business administration or related field, plus one to two years of effective experience in health or accident insurance. **THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991, WITH EXCELLENT POSSIBILITY OF RE-FUNDING. STAFF GRADE 5**

***01219. Glass Blower, Eberly College of Science, Chemistry Department, University Park Campus** - Responsible for blowing and shaping scientific glass apparatus. Develop specifications from customers' sketches and oral instructions. Consult with and advise faculty, graduate students and postdoctoral fellows on design of specialized scientific glass apparatus. Requires associate degree, or equivalent, or two years of technical college-level training plus two to three years of effective experience. **STAFF GRADE 5**

***01220. Financial Analyst, CES, Office of Business and Financial Operations, University Park Campus** - Responsible to the director of finance, CES, and the assistant director of finance for assisting in expenditure reviews for financial reports and budget planning. Requires a bachelor's degree, or equivalent, in accounting or business administration plus one to two years of effective experience. **STAFF GRADE 6**

***01221. Area Representative, CES, Continuing Education, Towanda Center** - Responsible to the director of continuing education, Wilkes-Barre Campus, for the functions of client management, development, organization, operation, and administration of Continuing Education program and services and for linking University resources with community needs within the assigned geographic district. Requires bachelor's degree, or equivalent, plus two to three years of effective experience in business, industry or education. **STAFF GRADE 7**

***01222. Research Manager, Applied Research Laboratory, University Park Campus** - Responsible to the manager, Computer Facility for providing consultation to faculty on the

use of computing for research and instructional purposes, and for providing programming and network support for system and network applications running on UNIX workstations. Requires master's degree, or equivalent, in computer science or related discipline plus one to two years of effective experience in research applications on large scale computers and microcomputers using a wide range of languages, packages and databases. U.S. citizenship required. **STAFF GRADE 7**

***01223. Applications Programmer/Analyst, Corporate Controller, University Park Campus** - Responsible to the senior accountant for conducting analyses of data processing problems, determining detailed requirements to solve problems, formulating logical statements of systems problems and preparing computer programs to satisfy desired end results. Requires bachelor's degree, or equivalent, in computer science and one to two years of effective experience in computer programming and analysis, preferable in a student aid and student loan environment. Knowledge of IRS, ROSCOE, etc., and NATURAL language. **STAFF GRADE 6**

***01207. Team Physician, Intercollegiate Athletics, University Park Campus** - Responsible to the director of clinical services, Center for Sports Medicine, for providing medical care to student-athletes from the 28 varsity teams of the Intercollegiate Athletic Program at the University Park Campus. Requires physician with a doctor of medicine or equivalent degree from an accredited school of osteopathy. License to practice medicine in the Commonwealth of Pennsylvania and four to five years of effective experience in sports medicine required. **STAFF GRADE 10**

***01224. Senior Information Specialist, Institute of State and Regional Affairs, Penn State Harrisburg** - Responsible to the coordinator for performing a variety of activities including programming, statistical analysis, report writing and client training. Requires bachelor's degree, or equivalent, and one to two years of effective experience. A master's degree in public administration or a related field preferred. Experience in microcomputer application and graphics programs, mainframe programming

languages and statistical software packages is required. **THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991, WITH A GOOD POSSIBILITY OF RE-FUNDING. STAFF GRADE 5**

***01225. Programmer, Pennsylvania State Data Center, Penn State Harrisburg** - Responsible to designated project coordinator to participate in analysis, program design, coding, testing, documenting and other programming tasks required to produce reports, create logic statements, and maintain information files. Requires bachelor's degree, or equivalent, in computer science or related field, plus six to nine months of effective experience in computer programming. **THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991, WITH EXCELLENT POSSIBILITY OF RE-FUNDING. STAFF GRADE 5**

***01226. Assistant to the Director of Community Relations, Community Relations, Penn State Harrisburg** - Responsible to the director of community relations for implementing public information, publications, special events, and alumni affairs activities as part of a comprehensive University relations program for the entire campus. Requires bachelor's degree in journalism, or equivalent, plus one to two years of effective experience. **STAFF GRADE 6**

***01227. Manager, Facilities and Maintenance Operations, Penn State Harrisburg** - Responsible for the management of the operations and maintenance of physical plant. Manage and direct programs involving the maintenance, operations, alteration and repair of physical structures and mechanical and engineering systems. Requires bachelor's degree in mechanical, electrical, civil engineering or related field, or equivalent, and from five to seven years of effective experience in the management of physical plant planning and construction operations. Strong communication skills necessary. **STAFF GRADE 9**

***01228. Assistant Director of Student Programs and Services, CES, Mont Alto Campus** - Responsibilities include career and personal counseling, new student orientation, student retention and See "Vacancies" on page 11.

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William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

MARTIN LUTHER KING CELEBRATIONS

Special programs commemorating Martin Luther King Day are scheduled on page 2.

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INTERCOM



January 17, 1991

Volume 20, Number 17

Marian U. Coppersmith elected president of Board of Trustees

Marian Ungar Coppersmith, president of The Barash Group and publisher of *Time and Town and Where and When* magazines, was elected president of the Board of Trustees at the board meeting Jan. 12 at University Park.

William Schreyer, chairman and chief executive officer of Merrill Lynch and Co. Inc., was elected vice president of the board.

Both were elected to serve one-year terms, which will expire in January 1992.

A 1953 Penn State graduate, Ms.

Coppersmith has been a member of the board since 1976, when she was elected by the alumni to her first three-year term. She has chaired and served on various board committees.

Past president of the board of the University Renaissance Scholarship Fund, she received the College of the Liberal Arts Alumni Society Service to Society Award

in 1984 and the Lion's Paw Medal Award in 1985.

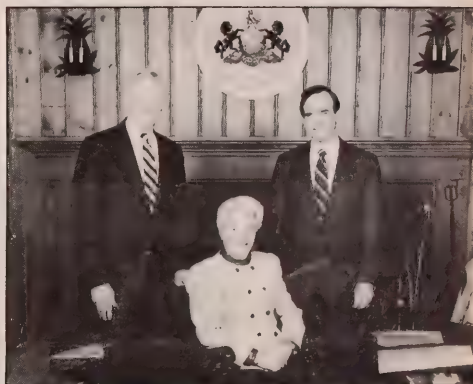
Among her honors are the Distinguished Daughter of Pennsylvania Award,

Pennsylvania Small Businessperson of the Year Award, the Award for Distinguished Service to State Government of the National Governors Association, and Distinguished Pennsylvanian Award of the Philadelphia Chamber of Commerce.

She also has served as chairperson of the board of governors for the Centre County Community Foundation and a member of the board of directors of the Pennsylvania Humanities Council, Pennsylvania Commission for Women and Pennsylvania Chamber of Commerce.

A founding member of Back the Lions, she also is a member of the Friends of the Palmer Museum of Art and a life member of the Alumni Association.

See "Coppersmith" on page 3.



New Board President Marian U. Coppersmith is flanked by J. Lloyd Huck, outgoing president, (left), and President Thomas. (Photo: Greg Grieco)

Academic quality is a priority

Plans to accommodate cuts are implemented

The University plans to accommodate the cutback in state funding announced this week but will keep as a priority the academic quality of the University.

Speaking to the Board of Trustees at its meeting Jan. 12 at University Park, President Thomas said that in a University as lean as Penn State, a cut of this magnitude is very severe. A number of projects must be taken to deal with a projected \$12.6 million loss in state funds.

"Two basic principles are guiding our efforts to formulate a plan to address this situation," Dr. Thomas said. "The first is to protect the academic quality of the University. The second is to try to avoid a tuition increase for this semester."

He said specifics have not yet been made final in response to Gov. Casey's announcement of a 5 percent cutback in state funding for Penn State.

"It is particularly difficult to face such a cut seven months into the fiscal year, when so much of the budget has been spent or committed. However, we will do everything we can to meet the governor's challenge and make these cuts."

The basic elements of the plan put forward by President Thomas call for a reduction of planned expenditures and allocations, use of central reserves,

identifying all possible income, and recycling from operating units. Planned expenditures that will be foregone for the rest of the year include the installation of telecommunications cabling, the replacement of underground storage tanks and major maintenance projects.

The president told the Board that the University has been holding back allocations for these and other critically needed projects since the fiscal year began, in anticipation that a cut in state appropriations was possible.

"However, the cuts announced by Gov. Casey on Monday were much more severe than we might have expected."

All units within the University will be taxed, but President Thomas said academic units will not be asked to absorb as much of these assessments as non-academic support units.

"To help meet our goals here, we will be implementing immediately a temporary hiring freeze for all new appointments taking effect during this fiscal year," the president said. "The freeze will only pertain to appointments made with general funds, and not to those made with restricted funds or by self-supporting units."

It will also not apply to appointments

made for the next academic year.

The president also told Trustees that the University will implement a freeze on the purchase of new equipment and require budget officers to ensure that only the most necessary travel and other expenditures take place.

"These freezes will be in effect for any given unit until that unit can demonstrate that its recycling target will be met. At that point, the freeze would be lifted for that unit."

The cuts announced by Gov. Casey represent a 5 percent decrease in state funding for the University — \$8.5 million in operating funds and \$4.1 million in Tuition Challenge Grant monies. The 1990-91 state appropriation is now just under the amount Penn State received in 1989-90.

President Thomas noted that the cuts being faced in Pennsylvania's higher education community fit into a larger national trend. Maryland, Virginia and New York have all faced larger cuts than the ones recently announced by Gov. Casey.

"At a time when we are very short on money we need to be long on perspective if we are to weather the remaining months in this fiscal year," he said.

Medical Center gets patient care grant

The Milton S. Hershey Medical Center is the recipient of the first phase of a potential \$1 million grant to innovatively restructure patient care.

The medical center was selected as one of up to 20 hospitals in the nation to receive the funding as part of the \$26.8 million Robert Wood Johnson Foundation/Pew Charitable Trusts program "Strengthening Hospital Nursing: A Program to Improve Patient Care." Hershey is the only hospital in the mid-Atlantic region to receive an implementation grant as part of this program.

The medical center's Department of Nursing at University Hospital recently received the first phase of the five-year implementation grant — a two-year \$410,025 installment. The grant program is sponsored by the Princeton, N.J.-based Robert Wood Johnson Foundation, the nation's largest health-care philanthropy, and The Pew Charitable Trusts in Philadelphia.

The first national initiative to address institution-wide restructuring of patient care and nursing roles, the program is designed to encourage hospitals to find innovative solutions to the nation's nursing

See "Hershey" on page 3.

Focus on Diversity

Programs developed for minority and women students

To attract and educate more minority and women students, the College of Engineering has developed various programs and pursued government, corporate and private funding, the Board of Trustees has been told.

"During 1989-90, the college raised nearly \$200,000 as additional support for a vigorous drive to recruit and retain more minority students and faculty," John Brighton, dean of the College, said.

Since the founding of the Penn State Minority Engineering Program in 1985, the recruitment of undergraduates in the college has risen from 2.2 percent to 3.2

percent. In fall 1990, there were 299 minority undergraduates and 13 full-time graduate students.

"Our efforts at recruitment and retention range from several pre-college programs offering hands-on experiences to high school students to college academic course clustering and peer role model programs," Dean Brighton noted. "In addition, the college has established a \$500,000 Center for Undergraduate Research Opportunities for Minority Students to support minority engineering and science undergraduate research scholars."

Intensive efforts to hire minority and

women faculty members have resulted in an increased representation on the engineering faculty according to Dean Brighton. Since 1988, 12 percent of the new faculty have been minorities and 20 percent women.

The percentage of women in undergraduate majors in the college has risen from 12.6 percent to 13.4 percent since the inception of the Women in Engineering Program. The WEP emphasizes pre-college development as well as recruitment and retention of women students.

Female graduate enrollment has risen

from 10.9 percent to 13.8 percent during that time, according to director Sharon Luck. In fall 1990, there were 931 women in all engineering undergraduate majors and 221 graduate students.

MS WIZ, a new on-campus intensive summer program for girls 11 to 13 years old, will offer hands-on math and science experience as well as long-term mentoring. Funded by a \$402,000 NSF grant, MS WIZ is directed by Vasundara Varadan.

distinguished alumni professor, and Patricia Farrell, associate professor of leisure studies in the College of Health and Human Development.

WPSX-TV programs

Tony Brown examines two sides of entertainer Sammy Davis Jr. on *Tony Brown Journal* airing at 11:30 a.m. Sunday, Jan. 20. In this memorable tribute, Mr. Brown shows the evolution of Sammy Davis from "saloon singer," as he called himself, to a man with pride in his heritage.

Filmed live at London's Hammersmith Odeon, *The Temptations Get Ready*, airing at 8 p.m. Thursday, Jan. 22, combines slick vocal harmonies with dazzling dance moves, resulting in a classic display of their greatest hits.

For more than two-and-a-half decades the Temptations have set the standard by which other soul vocal groups are judged. With song material supplied by Motown's writers and producers like Smokey Robinson, the quintet forged an outstanding body of work in which soulful sound provide inspiration for their dynamic choreography, a hallmark of their live shows.

Martin Luther King Day plans revised

The scheduled appearance of the Rev. Dr. Vincent Harding as the keynote speaker for Penn State's observance of Dr. Martin Luther King Day on Monday, Jan. 21, has been canceled.

Instead, a program of selected readings by individuals representing the local and University communities will highlight the festivities, which begin at 4 p.m. in Eisenhower Auditorium at University Park.

Plans to telecast the event live on the cable system PENNARAMA and on WPSX-TV Channel 3 will continue. The event will be one of numerous Martin Luther King holiday activities scheduled at University Park and other University campuses throughout Pennsylvania.

According to Grace Hampton, vice provost and the University's Martin Luther King planning committee chair, Dr. Harding canceled his plans to speak at Penn State at the request of his doctors to curtail engagements because of illness.

Members of the selected readings panel include Peter Deines, professor of geochimistry and University Faculty Senate chair; State College Mayor Arnold Addison; Lu Walker, student and former NAACP student chapter president; L.A. Napier, Native American Indian Leadership Program director; and Lawrence W. Young, director of the Paul Robeson Cultural Center.

The readings will include quotes and statements about or by Dr. King. Other activities on that day include a memorial tribute and march by students, University and local community members beginning at 3 p.m. from St. Paul's Methodist Church at McAllister Street and College Avenue, and ending at 4 p.m. at Eisenhower Auditorium.

Diversity Opportunities Calendar

Friday, January 18

Commission for Women, meeting, 10 a.m.-noon, 256 Hammond.

Monday, Jan. 21

University and State College communities, 3 p.m. St. Paul's Methodist Church, McAllister Street and College Avenue. Martin Luther King memorial tribute and march.

Martin Luther King Day observance, 4-5 p.m., Eisenhower Auditorium. Program of selected readings by individuals representing the local and University communities.

Thursday, Jan. 24

Fulbright Informal Lecture Series, 3:30 to 4:30 p.m., 222 Boucke Building, James L. West, professor of English and Fulbright award recipient, on "Fulbrighting in Belgium and Cambridge."

Program encourages more women and minorities to study forestry

Penn State, Delaware State College and the USDA Forest Service have initiated a cooperative program to encourage more minority and women students to study forestry.

"In 1989, only 2.6 percent of all undergraduate students enrolled in professional forestry schools nationwide were minorities, and 35 percent were women," Alfred Sullivan, director of the School of Forest Resources, said.

"Professionals in forest resources are looking for ways to increase cultural diversity in the work force. This new program is a key step toward achieving this goal."

Students who participate in the program will receive financial assistance from the Forest Service. They will spend two years at Delaware State, a land-grant college

originally founded to educate black men and women, following a preforestry program established with the help of the Forest Service.

The preforestry program includes introductory courses taught by Forest Service personnel and is designed to facilitate transfer into the four-year program offered by the School of Forest Resources in the College of Agriculture.

Participating students also will be awarded cooperative education positions with the Forest Service. The positions enable students to gain work experience and to become competitive for permanent jobs after they complete their undergraduate degrees.

For more information about the program, contact Ellen Rom at (814) 865-7541.

Variety of programs sponsored in Africa

Penn State sponsors a wide variety of programs and research in Africa. Trustees have learned.

About 120 students from 26 countries in Africa attended Penn State in 1990, about 5 percent of the total international student enrollment, according to W. LaMarr Kopp, deputy vice president for the Office of International Programs.

There currently are eight visiting scholars from African countries at Penn State: three from Nigeria, two from South Africa, one from Zaire and two from Ghana.

Penn State has long maintained a number of U.S. Information Agency-funded initiatives in Africa, including educational partnerships with Marien Ngouabi University in the Congo; the University of Yaounde, Cameroon; the University of Niamey, Niger; the University of Zimbabwe; and the University of Burundi.

The College of Agriculture has obtained U.S. Agency for International Development

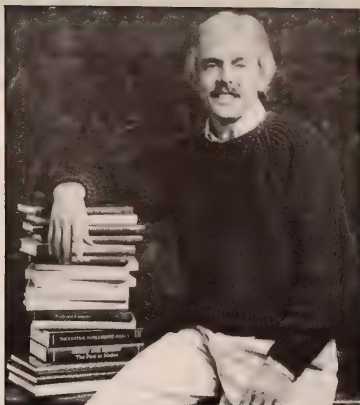
sponsorship for projects in Swaziland and Zimbabwe. Scholarship funds from Mobil and Shell support students from Cameroon, and grants from Tesaco support Penn State educational development in Ghana.

Penn State currently has international cooperative programs with universities in 12 African countries.

Bookshelf

James Levin, affiliate assistant professor of education, and James F. Nolan, assistant professor of education, are authors of *Principles of Classroom Management: A Hierarchical Approach*.

The book, published by Prentice Hall, focuses on case studies to illustrate classroom management principles and approaches to offer practical, eclectic approaches to classroom management based upon theory and practice.



Penn State People

Steven Kress

A designer/production assistant with Penn State Press, Steven Kress designs the jackets and interiors of most of the 35 to 50 books published annually by Penn State Press. After receiving the copyedited manuscripts, he decides on the appropriate type and then designs the interior of the book, which includes the title page and chapter openings, and he scales and designs any photographic sections. He uses an Apple Macintosh computer to do the rough designs. When the interior of the book has been typeset and proofed, he designs the jacket and specs the cloth for binding. The entire process from copyediting to printed book can take about a year. A member of the Penn State Press staff for two years, Mr. Kress enjoys designing art history books the most, because of the technical challenges they pose. "The acquiring editors work hard to obtain quality manuscripts for publication, so I feel it is my job to maintain that quality in the design," he says. (Photo: Greg Grieco)

Bookshelf

Derrill M. Kerrick, professor of petrology, is the author of *The Al₂SiO₅ Polymorphs*, published as Volume 22 in the *Mineralogical Society of America Series Reviews in Mineralogy*.

In the monograph, Dr. Kerrick reviews the chronological development of research on aluminum silicates and uses this mineral group, comprising the minerals andalusite, sillimanite, and kyanite, to illustrate a range of experimental, theoretical and field problems in metamorphic petrology.

Petrologists use aluminum silicates as both a "thermometer" and "barometer" of metamorphic rocks in the earth's crust and even use these minerals to calibrate other geothermometers and geobarometers.

The book, which is only the second monograph published in this series in 16 years, is based on a series of seminars presented at the University of Basel, Switzerland, in 1985 and a subsequent graduate course in the Department of Geosciences.

Coppersmith

Continued from page 1.

Mr. Schreyer has been a member of the board since 1980, serving his first term as appointee of Gov. Richard Thornburgh, and later being elected by industrial societies in 1990.

A 1948 Penn State graduate and Williamsport native, he has devoted his entire professional career to Merrill Lynch and Co. Inc., becoming president in 1982, chief executive officer in 1984 and

Carpooler

Judy and Dan are looking for riders to carpool from Altoona or Tyrone to University Park. Work hours are 8 a.m. to 5 p.m. Call 665-6301; Judy (home), 632-8462; or Dan (home), 942-7658.

Graduate students to exhibit research

Some 100 graduate students will show off their thesis research at the University's Graduate Research Exhibition to be held March 22-23 in the Kern Graduate Building lobby at University Park.

All departments enrolling graduate students have been notified of the exhibition and have application blanks. Deadline for completion of applications is Feb. 1.

The exhibition is co-sponsored by the Graduate Council and Charles Hosler, acting executive vice president and provost of the University.

Dr. Hosler pointed out that Penn State graduate students hold 10 of the prestigious NSF fellowships won in national competition and that the University ranks 11th nationally in research expenditures and second nationally in industrial support for research.

"Penn State is growing faster in research support than any other U.S. university, he said. "Our research growth last year was 16.6 percent."

Prize money of \$10,000 will be awarded, with awards announcements to be made at 4 p.m. March 23.

Last year's winners exhibited specialties such as platinum metal etching in microwave plasmas, laser welding, timber bridges, managing fungicide-resistant gray molds, acidification of headwater streams, and copper stress in microecosystems.

Ancient Mayan nutrition, behavioral styles of police officers, and a study of Pennsylvania and Ohio church murals represented thesis research from the arts, humanities, and social sciences.

"We expect an equally varied mix to be drawn this year from the 10,305 graduate students studying at University Park, the Hershey Medical Center, Penn State Erie, The Behrend College, Great Valley, and Penn State Harrisburg," Dr. Hosler said.

Robert Ott, who chairs the Graduate Council Research Committee, said that students may use prize money for their research.

Judges will select first, second, and third place winners within each of five categories," he said. "They will judge exhibitions on intellectual content and visual appeal as well as the verbal presentation of the student."

Hershey

Continued from page 1.

shortage. Experts predict a 10 to 12 percent decrease in the number of available RNs in the future. Nancy Kruger, director of the Department of Nursing, initiated the project at University Hospital in 1988.

The funding will be used at the medical center to implement an innovative model of organization, the circular design, a type of workplace democracy. It will be the first application of this model to a hospital environment. Three units at University Hospital have been chosen as pilot units: medicine, surgery and pediatric.

"We believe the medical center provides excellent care," said Joan Lartin, director of the Center for Nursing Research at the

medical center, who directed the planning grant project. "But as medical care has become more complex, with more specialists required, care can become somewhat fragmented. We have developed a method which we feel could better coordinate and integrate that care. The focus of this project is to underscore the treatment of patients as people - improving the structure to make sure the patient comes first."

To create a comprehensive solution to the problem of fragmentation of patient care, the project will implement a nurse-physician team approach to bedside rounds. In addition to the more direct involvement in information-sharing and decision-making, patients also will be included in weekly meetings with their entire primary health-care team.

chairman in 1985.

He was elected a director of the N.Y. Stock Exchange in 1985 and vice chairman of the board in 1987. He is a director of Schering-Plough Corp. and serves on several boards and commissions concerned with economics and international business affairs.

A Distinguished Alumnus of the University, Mr. Schreyer has served as national chairman of The Campaign for Penn State and as a member of the Board of Visitors of the Smeal College of Business Administration.

Other board officers include **President Thomas**, who serves as ex officio secretary of the board, and the following, who were elected to one-year terms:

Steve A. Garban, senior vice president for finance and operations; **Treasurer of the board: Raymond D. Nargi**, associate treasurer of the board; **David E. Branigan**, assistant treasurer of the board; **Grace T. Younginger**, associate secretary of the board; **Carolyn A. Dolbin**, administrative assistant to the president, and **Joseph E.**



William Schreyer

Krawiec, director of systems and administrative services, assistant secretaries of the board.

From the Trustee Docket

Terminal expansion

Construction for a proposed \$3.5 million expansion of the Airport Terminal Building at the University Park Airport could begin this spring, the Board of Trustees has been told.

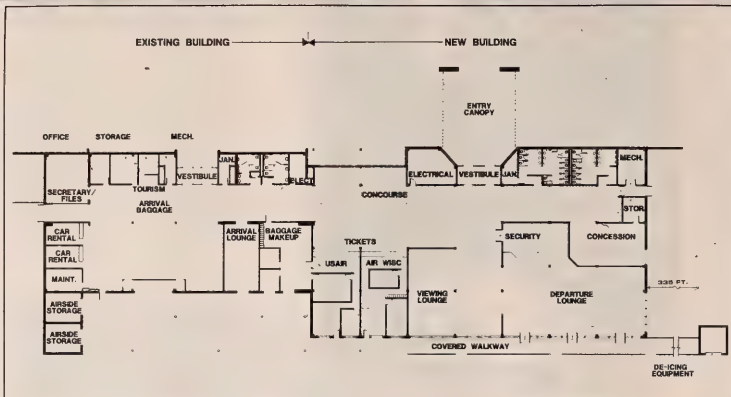
James M. Wagner, vice president of business and operations, said the work is planned to start in April and conclude in October 1992.

The Centre County Airport Authority is handling the planning, design and construction for the project, and has retained John C. Haas Associates Inc. of State College for the work.

The expansion will be to the east side of the building and will more than double its size to approximately 26,400 square feet from the present 9,700 square feet. It will include a new main entrance with a canopied drop-off area, a concession area, ticket offices, arrival and departure lounge, public restrooms and service and storage areas.

Work will be planned so that the activities of the present terminal will not be interrupted, Mr. Wagner said. The existing building will be converted to include a baggage retrieval area, administrative offices, car rental offices and storage room.

In other action, Trustees approved final plans and authorized the University to obtain bids for an academic building at the Berks Campus.



Floor plans of University Park Terminal Building.

The one-story, 17,100-square-foot building will be located west of the library at Berks. It will contain six classrooms, faculty offices and the offices of counseling, continuing education, finance and the registrar.

The budget for the project is \$2,586,546, including approximately \$300,000 to be used for renovations to the Luerssen Building on campus. The renovations will create new classrooms, offices, laboratory

space and an audiovisual room and conference room.

Berks Campus has recently conducted a successful capital campaign to raise funds for the new academic building.

Faculty honored

The Office of the President has announced the appointment of 17 Distinguished Professors. Trustees have learned.

The title, recommended by the Faculty Senate, recognizes a limited number of outstanding professors throughout the Penn State system. The first distinguished professors were named in 1990, and 45 faculty members now hold the title. Recommendations are made to the Office of the President by the college deans following a review of the nominations by a

college committee. Criteria for the title are that the recipients must have the rank of professor and display "an exceptional record of teaching, research and/or creativity, and service."

The colleges participating in the 1991 nominations were Agriculture, Arts and Architecture, The Eberly College of Science, Engineering, Health and Human Development, The Liberal Arts, Medicine, The Smell College of Business, Administration and Penn State Harrisburg.

The new recipients are:
Paul Baum, professor of mathematics;

Thomas D. Borkovec, professor of psychology; **Simon J. Bronner**, professor of American studies and folklore at Penn State Harrisburg; **Frederick A. de Armas**, professor of Spanish and comparative literature; **M. Elaine Eyster**, professor of medicine at the Hershey Medical Center;

Gideon Golany, professor of urban design and planning; **inyong Han**, professor of industrial engineering; **Gary L. Lilien**, professor of management science; **John D. Martz**, professor of political science; **Julian D. Maynard**, professor of

physics; **Masatoshi Nei**, professor of biology;

G.P. Patil, professor of mathematical statistics; **Eva J. Pelli**, professor of plant pathology; **Robert Plomin**, professor of human development; **C. Channa Reddy**, professor of veterinary science; **Satvir S. Tevethia**, professor of microbiology and immunology at the Hershey Medical Center; **M. Albert Vannice**, professor of chemical engineering.

Research park

The proposed Penn State Research Park moved forward substantially last week when the College Township Council adopted an innovative zoning district for the 130-acre park, called the Planned Research and Business District. Trustees have learned.

"Obtaining zoning approval for a project of this magnitude this quickly reflects the excellent cooperation between our planners and the township," Gary C. Schultz, assistant vice president for finance and operations, said. "We also are pleased to have recently completed two agreements with College Township."

Fulfilling a commitment made from the beginning of the project, the first agreement addresses the payment of in-lieu-of-taxes by commercial tenants on real estate leased from the University. The second addresses payment to College Township for the University's share of

services such as road maintenance and police, which will be provided by the township.

"Local support is extremely important in order to move a project like this forward," Mr. Schultz added. "We are very appreciative of the support provided by the various individuals and groups in the Centre Region."

The Centre County Industrial Development Corporation and the State College Area Chamber of Commerce have both passed resolutions supporting the development of the Research Park. The Pennsylvania Department of Transportation has cooperated in the overall planning and has committed to provide funding for design of the access road. The University also is working with the Pennsylvania Department of Commerce to identify funding for the construction of utilities and internal roadways.

The Research Park is expected to have a

significant impact on the economic development of the entire central Pennsylvania region as well as benefit the University and the commonwealth as a whole.

The Board also learned that the New York firm of Downey Weeks & Toomey, who developed the University's mark and visual identity program, is developing marketing materials in support of the Research Park and that a full-time marketing director will be hired shortly. That person will work with the faculty marketing task force and with the Governor's Response Team.

Approved by the Board in November 1989, the Research Park plan is being developed by the Morlok Development Group of Philadelphia, which is also responsible for developing the first phase of the park: a conference center, University research laboratory, technology center and a privately owned hotel.

Institute transfer

The Board of Trustees has approved the transfer of the Biotechnology Institute from the Eberly College of Science to

Intercollege Research Programs. The transfer, recommended by the University Faculty Senate Council, will increase the participation of faculty from many colleges and will strengthen research programs. William Taylor, associate dean for research, will continue as acting director until a new director is appointed.

The Bioprocessing Resource Center, which began operation last year, is part of the Institute. Michael Parker is acting executive director.

Trustees also reviewed the new graduate minor in women's studies offered by the College of the Liberal Arts. The minor had been approved by the Graduate Council at its November meeting.

This interdisciplinary minor is designed
See 'Institute' on page 5.

Selected by the Board of Trustees

Eight will receive Distinguished Alumni Award

The Board of Trustees has selected eight Penn State alumni to receive the University's highest award for an individual, the Distinguished Alumni Award.

The 1991 Distinguished Alumni, class year or years, current title and hometown, are:

— **Howard O. Beaver Jr.**, '48, director and retired chairman of the board of Carpenter Technology Corp., Wyomissing.

— **Charles J. Bierbauer**, '66, '70g, senior White House correspondent for CNN, Potomac, Md.

— **William A. Hiller**, '52g, president and CEO, Agway, Inc., Fayetteville, N.Y.

— **Harold C. O'Connor Jr.**, '52, retired president and CEO of Chemcut Corp., State College.

— **Dianne H. Pilgrim**, '63, director of the Cooper-Hewitt Museum, New York, N.Y.

— **Catherine A. Rein**, '65, executive vice president of Metropolitan Life Insurance Co., New York, N.Y.

— **Warren Washington**, '64g, director of the Climate and Global Dynamics Division, National Center for Atmospheric Research, Boulder, Col.

— **Helen D. Wise**, '49, '52g, '68g, deputy chief of staff for programs and secretary to the Cabinet of the Commonwealth of Pennsylvania, Spring Mills.

The Distinguished Alumni Award was established in 1951 to honor Penn State alumni who have made outstanding contributions to their professions and community service.

— Mr. Beaver, a member of Board of Trustees from 1978 to 1990, earned a bachelor of science degree in metallurgy in 1948. He graduated from the chemistry of steelmaking course at Massachusetts Institute of Technology in 1955 and from the management program for executives at the University of Pittsburgh in 1967.

Mr. Beaver began his career with Carpenter Technology in Reading as a metallurgist in 1948 and served as CEO for 10 years. He is active on many boards including Girard Bank, HERCO, Inc. and Mellon National Corp.

— Mr. Bierbauer, who earned a dual bachelor's degree in journalism and Russian and a master's degree in journalism from Penn State, is noted as a distinguished broadcast journalist.

His career spans more than 20 years, during which time he has covered the Kremlin as a Moscow bureau chief and served as a foreign correspondent in Belgrade, Vienna, Bonn and London.

Mr. Hiller received a bachelor's degree in biology from Upper Iowa University in 1950 and a master's degree in agricultural economics from Penn State in 1952.

He joined Agway in 1951 and served in many capacities, becoming president and CEO in 1981. Under his leadership, Agway has supported numerous research programs at Penn State and the College of Agriculture.

Mr. O'Connor received his bachelor's degree in physics in 1952 and joined Chemcut Corp. in 1957. He became president in 1960 and led it through a period of expansion. Retiring in 1987, he remains on the board of directors.

He also serves on the boards of other corporations including Mellon Bank Central, Tussey Realty Co., and Scientific Systems Inc. as well as on those of many civic organizations including the Music Academy, the Central Pennsylvania Festival of the Arts and the Centre County Community Foundation. For 12 years he was chairman of the Business and Finance Committee for Centre Community Hospital and has served as chairman of the Board of Trustees of Susquehanna University.

Ms. Pilgrim earned her bachelor's degree in art history in 1963, and in 1965 she received a master's degree from New York University and a certificate in museum training from NYU's Institute of Fine Arts and the Metropolitan Museum of Art. She was named director of the Cooper-Hewitt Museum in 1988, which is a branch of the Smithsonian Institution devoted to design and the decorative arts. She has served on many boards including the Friends of Clermont, the National Multiple Sclerosis Society, the Decorative Arts Trust,

the Victorian Society in America and the Society of Architectural Historians.

Ms. Rein received a bachelor's degree in labor management relations in 1965 and a J.D. degree from New York University in 1968.

A financial services executive and lawyer, Rein first became an associate at the Wall Street firm of Dewey, Ballantine, Bushby, Palmer and Wood. In 1985, she moved to Metropolitan Life Insurance Co., where she was named senior vice president of human resources and currently serves as executive vice president. She serves as a director for the Bank of New York Company, Inc., the General Public Utilities Corp. and Broadmoor Housing, Inc.

Mr. Washington received a bachelor's degree in physics in 1958 and a master's degree in meteorology in 1960 from Oregon State University and a Ph.D. in meteorology from Penn State in 1964. He became a research scientist at the National Center for Atmospheric Research in 1963 and in 1987 was named director of the Climate and Global Dynamics Division.

A supporter of minority participation in the sciences, he was chair of the American Association for the Advancement of Science panel on Black Scientists from 1973 to 1978, and in 1988 was featured in a national traveling exhibit highlighting Black achievement in science.

Ms. Wise, deputy chief of staff for programs and secretary to the Cabinet of the Commonwealth of Pennsylvania, received her B.A. (1949), M.Ed. (1952), and D.Ed. (1968) degrees at Penn State. She taught in the State College area schools for more than 20 years and was president of the Pennsylvania State Education Association in 1969 and of the National Education Association in 1973. She also has served as the executive director of the Delaware State Education Association.

In 1970, she was elected to the Pennsylvania General Assembly as the representative of the 77th legislative district. She was a member of the Penn State Board of Trustees from 1969 to 1990 and has been named trustee emerita.

Nominations of top students are being sought for awards

Nominations of outstanding seniors are being sought for the President's Awards, made annually in the name of three former presidents of the University—the Eric A. Walker Award, the Ralph Dorn Hetzel Memorial Award and the John W. Oswald Awards.

Nominations of graduate students also are being sought for the new Graduate Student Service Award.

All University seniors graduating Fall Semester 1990 and Spring Semester 1991 are eligible for the President's Awards.

The Walker Award recognizes a senior who has enhanced the public esteem and renown of Penn State.

The Hetzel Award recognizes responsible leadership in the University and promise of public spirited achievement in the future.

The Oswald Award recognizes outstanding leadership in one of several areas of activity, including scholarship, athletics, social services, religious activities, student government, journalism, speech, mass media, and creative and performing arts.

The Graduate Student Award recognizes a graduate student who has best combined high academic achievement with leadership in the University or other public activities. Graduate students who have completed a minimum of one full year of graduate studies are eligible.

Selection of award recipients will be made by a committee, chaired by J. Thomas Eakin, assistant vice president for student programs, and composed of representatives from Student Services, the University Faculty Senate and the student body.

Nomination forms for the awards are available at the HUB, Kern and Boucke information desks or the Division of Student Programs Office, 215 Eisenhower Chapel. Completed applications are due in the Division of Student Programs Office by Feb. 15.

Trustee Docket cont.

Institute transfer

to help graduate students enrich their individual majors through the study of the impact of women's experiences and feminist perspectives on their particular fields. Lynne Goodstein, director of the women's studies program, will administer the new minor.

Trustees also reviewed two name changes in undergraduate programs. The name of the astronomy major in the Eberly College of Science will change to astronomy and astrophysics, while the name of the general arts major in the College of Arts and Architecture will now be integrative arts.

The name of the graduate program in astronomy in the Eberly College of Science

will change to astronomy and astrophysics, reflecting the interdisciplinary nature of modern astronomical science.

Cardiovascular Center

The Penn State Cardiovascular Center will soon be established at the Millton S. Hershey Medical Center, according to Dr. C. McCollister Everts, M.D., senior vice president for health affairs and dean of the College of Medicine.

"In keeping with our mission of education, patient care, research and service, the Cardiovascular Center is an outstanding example of the many special health-care services that Penn State's Hershey Medical Center offers the

Commonwealth," Dr. Everts told Trustees.

The Cardiovascular Center will provide a continuum of cardiovascular clinical services, from prevention through rehabilitation, to the citizens of central Pennsylvania.

Dr. John A. Waldhausen, professor and chair of the Department of Surgery, will chair the center's interdisciplinary committees that coordinate some 12 different departments, areas and divisions involved with cardiovascular disease and research.

"To better serve patient needs, the center, through the patient committee, will promote a heightened emphasis on patient education, comfort, convenience and continuity of care," Dr. Waldhausen said.

"But what makes our center truly unique are research and educational opportunities here at Hershey Medical Center, which lead our investigators to an improved

understanding of the treatment and prevention of cardiovascular disease."

Dr. Leonard S. Jefferson, professor and chair of cellular and molecular physiology, and interim associate dean for academic affairs, research and graduate studies, will head a research committee of more than 50 investigators in cardiovascular physiology, diagnostic research and surgical and pharmacological intervention research. This involves more than 57 projects in 31 separate laboratories at Hershey. Hershey Medical Center investigators hold more than \$5 million in funded research projects for cardiovascular disease.

The cardiac transplantation program, initiated in 1984, is well established. In 1989, the heart transplantation program won approval by the federal Health Care Financing Administration, and is one of only 45 programs in the nation that qualifies for Medicare reimbursement.

Focus on the arts

Odyssey on WPSU

Ukrainian poet Lina Kostenko and her translator, Michael Naydan, associate professor of Slavic languages, join host Leonard Rubinstein on the next episode of "Odyssey Through Literature."

"A lot of people from the Ukraine say that the language is tongue, sweet to the ear, melodious," Ms. Kostenko says. "But I write in a different language. I write in that Ukrainian language which has a dramatic quality, which contains the entire essence of the soul."

Once banned in the Soviet Union, Ms. Kostenko's poetry is now praised there: Dr. Naydan's volume of translations, *Wandering at the Heart*, will be the first to make her work known to an English audience.

"Odyssey Through Literature" is produced by the Department of Comparative Literature in the audio-production studios of WPSU-TV. It airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

The arts on Channel 3

Metropolis Theatre celebrates its 20th anniversary this month on public television. Nine weeks of specially selected programs will be presented and introduced by Alstair Cooke, host of the series since its debut.

At 9 p.m. Sunday Jan. 20, an episode of

"The Flame Trees of Thika," starring Gregory Mills, Holly Aird and Ben Cross, takes viewers back to Africa where an appealing English youngster and her parents are transplanted onto a coffee plantation.

Filmed on location in Kenya, "The Flame Trees of Thika" pits the optimism of determination with the good will of the Grants against the frustratingly strange and frequently dangerous new milieu of Thika.

Saxophone quartet

Saxophobia, a saxophone quartet from the School of Music, will perform in concert at 12:10 p.m. Thursday, Jan. 24, in Eisenhower Chapel at University Park.

The 20-minute concert is part of the Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The program will include selections from Kurt Weill's "Three Penny Opera" and selections by J.S. Bach. The quartet consists of School of Music faculty member Dan Yoder and three of his students.

English trip

Due to the University's holiday schedule, the deadline for registering for a two-week trip to the famed Three Choirs Festival in England has been extended to Feb. 5.

The tour, hosted by James C. Moeser, organist and dean of the College of Arts

and Architecture, will be Aug. 15-26. The group will stay in Hereford at the Green Dragon Hotel, a restored hotel of the Trust House Four group.

The tour will include six orchestral concerts, featuring the Royal Liverpool Philharmonic and other musical groups from the festival, and a concert by Dr. Moeser and Susan Dickerson, a faculty member in the School of Music.

In addition, there will be trips to nearby sites, including Gloucester Cathedral, the Royal Worcester porcelain museum and factory, Oxford and London.

Reservations are limited to 20 and will be accepted until Feb. 5. For more information, write to the Alumni Office, 114 Arts Building, Penn State, University Park, Pa. 16802 or call (814) 863-2142.

Classical orchestra

The Mozartean Players Classical Orchestra, conducted by Steven Lubin, will perform at 8 p.m. Saturday, Jan. 26, in Schwab Auditorium at University Park a part of the Mozart 200 festival presented by the Center for the Performing Arts.

Instead of using a standard grand piano, strings and woodwinds, the 20-member ensemble recreates the classical sounds with a forte piano and original 18th-century violins, oboes, French horns and flute. The sound is much lighter.

Founded in 1981 by fortepianist and scholar Steven Lubin, the group made its debut in Alice Tully Hall and often plays at the Metropolitan Museum of Art in New York.

Their program for the Penn State concert will include two piano concertos and Mozart's Symphony in A major, K.201.

As part of Artistic Viewpoints, a free lecture series, Mr. Lubin will discuss Mozart and his work at 3 p.m. on the afternoon of the concert in the Greenroom in Eisenhower Auditorium.

Tickets are available from Eisenhower Ticket Center, open Monday through Saturday, 8:30 a.m. to 4:30 p.m. Call (814) 863-0255.

The arts at...

Berks Campus

Sculpture by artist David Cerulli will be on exhibit in the Freyberger Gallery from Sunday, Jan. 20, through Wednesday, Feb. 20. An opening reception will be held at 3 p.m. Jan. 20, with a collaborative dance performance at 4 p.m. by the Elysian Dance Company of Philadelphia.

Mr. Cerulli's sculptures speak of movement, change, nature's beauty and mysticism. The collaborative dance adds the human element as dance interpreters and expands consciousness of the sculptor's work.

Museum of Anthropology to be named in honor of Dr. Matson

The University's Museum of Anthropology will be named the "Matson Museum of Anthropology" in honor of Frederick R. Matson, professor emeritus of archaeology, who is internationally recognized as a founder of scientific ceramic archaeology.

Dr. and Mrs. Matson have provided generous financial support to the museum and have been instrumental in establishing the Museum of Anthropology as it exists today," said Dr. Theodore E. Kiffer, interim dean of the College of the Liberal Arts. The Matsons are members of the Mount Nittany Society.

The museum, part of the College of the Liberal Arts, houses one of the world's largest collections of folk art and material items from Afghanistan and one of the top collections worldwide of handmade folk pottery from the late 19th and early 20th centuries. It was moved to its current location on the second floor of Carpenter Building at University Park in 1987.

Dr. Matson, who retired in 1978, is especially known for the scientific study of ceramics and ceramic ecology, relating modern village ceramic techniques to ancient archaeological ceramics, particularly in Greece and the Middle East.

He was instrumental in Penn State's acquisition of the DeForest Collection, a major ceramic collection of 2,300 pieces that document in many cases the last stage

of village pottery production. He has also been instrumental in increasing support for the museum from foundations, friends and alumni.

Early in his career, he was on the faculty of the University of Michigan, an assistant ceramic engineer for the National Bureau of Standards and head of the glass section in the Armstrong Cork Co. research laboratories in Lancaster.

Dr. Matson joined the Penn State faculty in 1948 as professor of ceramics, was named professor of archaeology in 1953 and research professor of archaeology in 1966. From 1957 to 1966, he served as an assistant and associate dean for research and graduate study in the College of the Liberal Arts and as director of the University's Social Science Research Center.

He received his B.S. in ceramic engineering from the University of Illinois and his M.A. in anthropology and Ph.D. in ceramic archaeology from the University of Michigan.

President of the Archaeological Institute of America in 1975-76, he received their Pomerance Award for Scientific Contributions to Archaeology in 1981. He is a Fellow of the Society of Antiquaries, London, the American Anthropological Association, the American Association for the Advancement of Science and the American Ceramic Society.



Frederick R. Matson

(Photo Greg Grieco)

University Park Calendar

January 17--
January 27

Special Events

Thursday, January 17

Red Cross blood drive, noon-5 p.m., Paul Robeson Cultural Center.
Bach's Lunch Concert, 12:10-12:30 p.m., Eisenhower Chapel, Penn State Tubaphonium Ensemble.
Student Counselors/Campus Life Assistance Center, panel discussion 7 p.m. HUB Assembly Room, "A Military Draft and Penn State: It Would Change Your Life! Let's Talk!"

Friday, January 18

Commission for Women, meeting, 10 a.m.-noon, 350 Hammond.

Geog. Coffee Hour, 4 p.m., 319 Walker Art Goldschmidt on "The Gulf: 3"

Shaver's Creek, 7-9 p.m., Owl Prowler. Call 863-2000

Saturday, January 19

Shaver's Creek, 12:30 p.m., Animals in Winter. Call 863-2000.

Center for the Performing Arts, 8 p.m., Eisenhower Aud. NYC Opera National Co., "The Marriage of Figaro." Also, 7 p.m., Greenroom. Artistic Viewpoints Lecture on the opera by Bruce Trinkle.

Recital, 8 p.m., Recital Hall, Music Bldg. Lois Dahan, violin

Sunday, January 20

Ebony and Ivory Week through Jan. 26.

Monday, January 21

Comp. Lit. Luncheon, 12:40-1:30 p.m., 101 Kern. Junko Matoba, College of the Sacred Heart, Tokyo.

Martin Luther King Jr. Day observance, 4 p.m., Eisenhower Aud.

Recital, 8 p.m., Recital Hall. Timothy Shafer, piano.

Contemporary Scholarship on Lesbian and Gay Lives, 8 p.m., HUB Assembly Room. Christie Balka, author, on "From Twice Cursed to Twice Blessed: Constructing a Jewish Lesbian and Gay Identity."

Wednesday, January 23

Late registration deadline, course drop/add deadline.

School of Music, 8 p.m., Recital Hall. The Pa. Brass Works.

Thursday, January 24

Bach's Lunch Concert, 12:10-12:30 p.m., Eisenhower Chapel. Saxophone quartet.

Friday, January 25

Geog. Coffee Hour, 4 p.m., 319 Walker Jerome Williams on "Ethnic Stereotypes in Advertising."

Saturday, January 26

Shaver's Creek, Wonders of Winter Walk, 1-3 p.m., Call 863-2000.

Center for the Performing Arts, 8 p.m., Schwab Aud. The Mozartean Players.

Sunday, January 27

Shaver's Creek, The Winged Hunters, 12:30 p.m., Call 863-2000.



The Graduate Research Exhibition will be held March 22-23 in the Kern Graduate Building lobby. See story on page 3.

Edition, Saturday and Sunday, 11 a.m.-1 p.m., "Odyssey Through Literature," 12:30 p.m., Wednesdays, with S. Leonard Rubinstein.

Conferences

Continuing Education

Keller Building

Jan. 22, Pa. Bar Institute. Shirley Hendrick, chair; Jerri Milson, coordinator.

Jan. 23, Dental Seminar. Carl Addis, coordinator.

Jan. 26, Greek Leadership Conference. Bill Sterner, coordinator.

Seminars

Thursday, January 17

Physics Colloquium, 3:30 p.m., SS Osmond Lab. David Pritchard, MIT, on "Atom Optics."

Gerontology Center Colloquium, 4-5 p.m., 100 Mitchell. Chris Himes on "Physical Health of the Rural Elderly: The Significance of Individual and Place Characteristics," and Dan Lago on "Medicine Use Among the Rural Elderly: Archival Research Strategies."

Monday, January 21

EPF, 4 p.m., 339 Davey Dr. Zvi Bern, Univ. of Pittsburgh, on "A New and Efficient Technique for Perturbative QCD Loop Computations."

Wednesday, January 23

History Department Colloquium, 4 p.m., Eisenhower Chapel. Dr. Eugene N. Borza on "Who Were the Macedonians? A Question of Balkan Ethnicity."

Thursday, January 24

Bright Informal Lecture Series, 3:30-4:30 p.m., 222 Bouckie Dr. James L. West on "Frustrating in Belgium and Cambridge."

Physics Colloquium, 3:30 p.m., SS Osmond Lab. Dr. John J. Hall, National Institute of Standards and Technology, on "Precision Metrology Using New Ideas in Laser Technology."

Mechanical Engineering, 4 p.m., 103 Mechanical Engineering. Dr. Oscar Manley, U.S. Dept. of Energy, on "Approximate Inertial Manifolds and Effective Viscosity in Turbulent Flow."

Gerontology Center Colloquium, 4-5 p.m., 100 Mitchell. Mary L. Ferrell, Larry D. Gamm, Diane Brannon on "Institutional Anchors in the Continuum of Care for the Rural Elderly," and Diane McLaughlin, Leif Jensen on "Employment Adequacy and Employment Transitions Among Metro and Nonmetro Elderly: Implications for Health Status, Retirement Paths and Post-Retirement Poverty."

Exhibits

Chambers Gallery

School of Visual Arts. Undergraduate Photography Exhibition

Palmer Museum of Art

Abstracting the Landscape: The Artistry of Landscape, opens Jan. 27-March 31

Zoller Gallery

School of Visual Arts. Artists-Books through Feb. 3.

Reflects an international perspective

Center opens at Penn State Harrisburg

The Penn State Harrisburg Center for Economic Education opened this month.

According to Ruth Leventhal, provost and dean of Penn State Harrisburg, the Center for Economic Education will increase understanding of the American economic system by providing programs and services for public and private school teachers, curriculum directors, and students in southeastern Pennsylvania.

Jacob De Rooy, director of the new center, said it "will focus on providing resources for teachers of classes from the kindergarten through the 12th grade who want to strengthen their own, and their students' knowledge of economics. Students are never too young to begin learning

about the businesses they see around them and about the businesses that will someday employ them."

The Center will eventually serve an eight county area. It will be one of ten regional centers in the state that are partially supported by the Pennsylvania Council on Economic Education.

One of the Center's services will be to maintain a library of books, booklets, videotapes, brochures, newsletters and other materials that can be used by teachers to help them design their classes. The Center also will provide a variety of workshops and credit courses for teachers, as well as consulting and information services.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday, Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend

Appointments

Rosanna M. O'Neil has been appointed chief of the Cataloging Department in the University Libraries.

Prior to joining the University staff, Ms. O'Neil was a marketing representative for OCLC, the Online Computer Library Center in Ohio.

Her professional experience includes library positions at the Georgia Institute of Technology, the University of Virginia, and Ohio State University. In addition, she was a visiting assistant professor, cataloging instructor for Kent State University, School of Library Science, Columbus Extension Program.

Ms. O'Neil completed her undergraduate studies at Gannon University, Erie, and holds an M.L.S. from the University of Pittsburgh, School of Library and Information Science.

Carl H. Wolgemuth, professor of mechanical engineering and associate dean for undergraduate studies in the College of Engineering, has been appointed acting



Rosanna M. O'Neil

director of the Leonhard Center for Innovation and Enhancement of Engineering Education.



Carl H. Wolgemuth

The Leonhard Center, a part of the College of Engineering and established with a \$4 million gift from William E. and

Wyllis Leonhard of Pasadena, Calif., promotes new approaches in the development and delivery of innovative engineering curricula and programs.

Dr. Wolgemuth, who is chairing the nationwide search for a permanent director, began his academic career as an instructor of mechanical engineering at Ohio State University in 1956. He was appointed assistant professor of mechanical engineering at Penn State in 1963 upon receiving his Ph.D. from Ohio State University.

He was promoted to professor in 1976 and became the College of Engineering associate dean for undergraduate studies in 1984. He also served as acting head of the Department of Mechanical Engineering (1983-84) and as associate dean for administration and planning (1987-88).

A recognized expert in thermodynamics, he is the author of numerous scientific papers and has co-authored a textbook.

Private Giving to Penn State

Penn State National Development Council appointed

Trutes have approved the appointments of initial members of the new Penn State National Development Council.

Members will provide volunteer leadership at the highest level for major philanthropic activities and assistance in attracting gifts from alumni, friends, corporations, foundations and other private sources.

The council succeeds the executive committee of the Campaign for Penn State as the University's chief fund-raising advisory body. The Campaign ended June 10, 1990 after raising \$352 million.

"Although we are no longer engaged in a capital campaign, these individuals will bring to Penn State a diversity of experience and talents that will help us to maintain the Campaign's momentum," President Thomas said. "They share a deep commitment to the University and an understanding of how private giving supports academic excellence."

The following appointments were approved:

— **Edward Anchel** of Milford, president of Sparkomatic Corp.

— **Cynthia A. Baldwin** of Pittsburgh, judge of Allegheny County's Court of Common Pleas

— **Richard H. Bard** of Denver, Col., chairman and chief executive officer of Computer Land International

— **Victor G. Beghini** of Houston, president of Marathon Oil Co.

— **Louis R. Benzak** of New York, president of the investment firm of Spears, Benzak, Salomon

— **Harvey F. Brush** of San Francisco, retired executive vice president of Bechtel Group

— **Marian U. Coppersmith** of State College, president of the Barash Group

— **Robert J. Day** of Chicago, retired board chairman of USG Corp.

— **William F. Dietrich** of Reading, president of Dietrich Milk Products

— **Galen E. Dreifelbis**, State College developer

— **Robert E. Eberly** of Uniontown, board chairman of Eberly & Meade Inc.

— **Lawrence G. Foster** of Westfield, N.J., public relations counsel

— **Sidney Friedman**, State College developer

— **William A. Gettig** of Spring Mills, president of Gettig Pharmaceutical Instruments Corp.

— **Bernard Hankin** of Exton, president of the Hankin Group

— **Edward R. Hintz**, president of the New York investment firm of Hintz, Holman, & Heckscher Inc.

— **Arnold S. Hoffman**, managing director of Middle Market Group Inc. of Philadelphia

— **J. Lloyd Huck** of New Vernon, N.J., chairman of the board of Nova Pharmaceutical Corp.

— **Michael J. Hudacek** of Plymouth, attorney

— **Melvin Jacobs** of New York, chairman and chief executive officer of Saks Fifth Avenue

— **James P. Jimirro** of Los Angeles, president of J2 Communications

— **Edward P. Junker III** of Erie, chairman and chief executive officer, Marine Bank

— **Robert E. Kirby** of Pittsburgh, retired board chairman and chief executive officer of Westinghouse Electric Corp.

— **Judith A. Klein** of Philadelphia, civic leader

— **William E. Leonhard** of Pasadena, Calif., retired chairman and chief executive officer of the Parsons Corp.

— **Anne Hallows Miller** of Salisbury, Md., trustee of the Hallows Foundation

— **Robert W. Moore** of Morristown, N.J., retired president of Financial Executives Institute

— **Arthur J. Nagle** of New York, chairman of Vestar Capital Partners

— **Barbara R. Palmer**, State College civic leader

— **Joseph V. Paterno** of State College, Penn State head football coach and professor of physical education

— **Suzanne Paterno**, State College civic leader

— **Ralph E. Peters** of Camp Hill, president and chairman of Benetec Associates

— **Henry D. Sahakian** of State College, chief executive officer of Unico Corp.

— **William A. Schreyer** of New York, chairman and chief executive officer of Merrill Lynch & Co.

— **Robert G. Schwartz** of New York, president, chairman of the board and chief executive officer of Metropolitan Life Insurance

— **Raymond N. Shibley** of Washington, D.C., attorney and partner in Leboeuf, Lamb, Leiby and Macrae

— **Samuel I. Sidewater** of Bensalem, executive vice president and director of merchandising for Charming Shops Inc.

— **Philip H. Sieg** of State College, chairman of the Sieg Financial Group

— **Frank P. Smeal** of New York, limited partner with Goldman, Sachs & Co.

— **Obie Snider** of Imbler, managing partner of Jennings, Brook Farms

— **Alvin L. Snowdens** of Lock Haven, partner in the law firm of Lugg, Snowiss, Steinberg & Faulkner

— **Cecile M. Springer** of Pittsburgh, president of Springer Associates

— **John T. Steimer** of Tidulou, retired president of Industrial Terminal Systems and Penn Glenn Oil Co.

— **David L. Tressler** of Scranton, chairman of Northeastern Bank of Pennsylvania

— **William L. Weiss** of Chicago, chairman and chief executive officer of Ameritech

— **Verne M. Willaman** of Sedona, Ariz., retired president and chairman of Ortho Pharmaceuticals

— **Quentin E. Wood** of Oil City, board chairman of Quaker State Corp.

— **Thomas P. Woolaway** of New Brighton, president of Tuscarora Plastics.

The council will hold its first meeting May 3 at University Park.

Books available

The Penn State Bookstore on Campus has several copies of 1989 editions of *Book-In-Print* available to donate to a department or individuals, on a first-come, first-served basis.

The editions are: *Paperbound Book-In-Print*, 1989, Title Index, *Books-In-Print* (hardbound), 1989, and *Publishers Index, Books-In-Print*, 1988-89. Interested parties are encouraged to come to the general book department at the bookstore.

New survey will measure campus safety

Police Services is mailing 5,000 surveys to students, staff and faculty at University Park to measure campus safety and unreported crime.

The survey is conducted about every five years to determine both the perception of safety that the public has about the campus, and to detect trends that may not be reflected in reported crimes.

Every 10th person at University Park has been selected to receive a survey. Management Services and the Registrar created a randomly selected mailing list of students, staff and faculty. The survey itself does not in any way identify the

respondent, but does ask age, sex,

affiliation, and other demographic information. The questionnaires were be distributed beginning Jan. 15.

The 30-question survey uses the standard test answer form provided by University Testing Services. A comment page is included for persons who wish to comment about crime and police service.

Police Services plans to publish the survey results, and make the data base available to the University community through the Computer Center's CMS SPSS-X statistics program.

Promotions

Clerical

Lisa D. Smith, to secretary B in Health and Human Development.

Penny Slaughter, to clerk A in Research and Graduate School.

Lois S. Stevens, to senior clerk, data processing in Office of Budget and Resource Analysis.

Carole A. Stoltz, to clerk, patient inquiry at Hershey.

Annette L. Struble, to receptionist-typist in Division of Development and University Relations.

Patrick K. Miller, to group leader, facility renovation at Hershey.

James E. Newman, to building services attendant in Engineering.

James I. Richtscheit, to operations and distribution technician A in Continuing Education.

Geraldine M. Rose, to foods lab and equipment attendant in Health and Human Development.

George K. Summy, to maintenance mechanic A at Hershey.

Raymond D. Tice, to groundskeeper, landscape A in Office of Physical Plant.

Jose A. Vicente, to maintenance worker/mechanic at Berks Campus.

James K. Lucas, waste water treatment plant operator in Office of Physical Plant.

Patrick K. Miller, to group leader, facilities renovation at Hershey.

Tammy J. Moeller, to utility worker at Hershey.

Gary P. Osborne, to maintenance worker, utilities piping in Office of Physical Plant.

Michael F. Perate, to maintenance worker, general B at Berks Campus.

Joseph A. Serafini, to mailing room assistant in Agriculture.

Brenda R. Snyder, to residence hall utility worker in Housing and Food Services.

Allan R. Thal, to food preparer B in Housing and Food Services.

Technical Service

Scott L. Bowes, to carpenter A in Office of Physical Plant.

Michelle Carapellotti, to food service worker B at Beaver Campus.

Leslie Carlson, to laboratory attendant A in Agriculture.

Mark B. Crowley, to storeroom clerk B in Office of Physical Plant.

Robert B. Gruver, to maintenance worker, at Wilkes-Barre Campus.

Jon D. Johnson, to receiving clerk at Hershey.

Daniel R. Mark, to sheetmetal worker A in Office of Physical Plant.

G. Edward Miller, to plumber A at Penn State Harrisburg.



Beaver Stadium expansion

Construction continues on the \$12.1 million expansion of Beaver Stadium. The expansion project, which will increase seating capacity of the stadium to approximately 94,000, is expected to be completed in time for the 1991 football season. (Photo Greg Grieco).

Obituaries

Donald W. Girouard, associate professor of landscape architecture, died Dec. 8 at the age of 57.

An Air Force veteran of the Korean Conflict, he was a graduate of the University of Wisconsin with a bachelor of science degree in landscape architecture, and a graduate of Harvard University with a master's degree in landscape architecture. He joined the University faculty Sept. 18, 1972.

A member of the American Society of Landscape Architects, he was a past president of the Pennsylvania Association for Children with Learning Disabilities, past vice president of Sigma Lambda Alpha, past secretary of the West Virginia State Board of Landscape Architects and past president of the West Virginia ASLA.

Kenneth V. Manning, professor emeritus of physics, died Dec. 18. He was 91. Dr. Manning joined the University faculty as assistant professor of physics in 1945 and was promoted to professor of physics in 1963. After his retirement in 1965, he taught physics at the University of Khartoum, Khartoum, Sudan.

From 1935 to 1941, he served as a member of the faculty at the University of

Wichita, and from 1929 to 1935 was a member of the faculty at Cornell University. A graduate of Park College, Kansas City, Mo., he received the master of science degree from the State University of Iowa, and the Ph.D. in physics from Cornell.

The co-author of four books, he was a member of Sigma Xi, Gamma Alpha, Sigma Pi Sigma, the American Physical Society, the American Association of Physics teachers, and the American Association of University Professors.

Bernard P. Taylor, retired executive director of the former Penn State Foundation, died Dec. 17 at the age of 80. He joined the University staff Aug. 1, 1952, and retired July 1, 1963.

Memorial service

A memorial service for **Dorothy V. Harris**, professor of exercise and sport science, will be held at 2 p.m. Friday, Jan. 25, in Eisenhower Chapel at University Park. She died Jan. 4. Members of the University and local communities are invited.

Faculty Senate News

The University Faculty Senate will meet at 1:30 p.m. Tuesday, Jan. 22, in Room 112 Kern Graduate Building at University Park.

Items to be discussed at the meeting:

- Proposed Changes in Senate Policy 67-00
- Comparisons of Student Retroactive Withdrawal Petitions
- Advanced Standing with Academic Renewal
- Deletion of Senate Policy 63-20-Exemption to Physical Education Requirements
- Instruction for New Graduate

Students in Teaching and the English Language

— Faculty Census Report—1991-92

Items discussed at the Dec. 4 meeting:

— NCAA Legislative Proposals—1991 Convention

— Status of Department of General Services Construction Programs

— Legislation to Establish the University Subcommittee on Cultural Diversity in the Curriculum

— Campus Crime Security Act

— Resolution on Travel Service

Policies

— Progress Report on Task Force on Undergraduate Education

News in Brief

Request for proposals

The Center on Aging and Health in Rural America is requesting proposals for the second round of pilot research projects it will fund.

The research projects should focus on issues related to the health and effective functioning of older rural populations in the United States.

The competition is open to all University faculty. Deadline for submission of a letter of intent is Feb. 28. Final proposals are due April 8. For a copy of the guidelines, call the center at 863-2848. Questions about the competition should be directed to Diane McLaughlin, 22 Burrows Building.

Financial aid workshops

The Returning Adult Center is sponsoring a program for returning adult students on "How to Apply for Financial Aid" at p.m. Jan. 23 and 12:30 p.m. Jan. 29 in 329 Boucke Building at University Park.

The program will focus on: overview of financial aid resources; overview of eligibility criteria; instructions on the application process. (Bring your financial aid application with you.)

To enroll or for more information, call the center at 863-3887 or stop by 323 Boucke. Reservations will be accepted on a first-come, first-served basis.

Daycare facilities

The spring 1991 edition of the State College Area Daycare Facilities listing is now available. Updated each semester, this publication includes information on about 30 different facilities which provide childcare in the immediate vicinity of University Park.

Information includes hours of service, ages served, cost, enrollment size, and services provided. A map also has been incorporated into the latest edition to show the relative location of the facilities.

The pamphlet, produced by the Graduate Student Association, is available free of charge from the GSA office in 111B Kern Building.

Parenting course

Through the Individual and Family Consultation Center of the College of Health and Human Development, a 12-hour parenting course will be offered for parents interested in learning how to discipline and communicate more effectively with their children ages 3 to 12 years.

The course, free of charge, will be offered at lunch hours on campus and in the evenings at several off-campus sites. For more information or to enroll, call the Consultation Center, University Park, 863-1751, 8 a.m. to 5 p.m. Classes will begin Jan. 21.

Postage rate increase

The U.S. Postal Service will raise the postage for all classes of mail effective Feb. 3. This increase will be approximately 20 percent for First Class Mail and 25 percent for Third Class Mail (bulk rate).

All University departments should plan accordingly when preparing to do any mailing, regardless of class. Mailing and Addressing Services will be happy to meet with your staff to discuss alternatives for processing your mail and may help reduce postage costs. Please call 865-4051 to make these arrangements.

Vehicle purchase reduction

While considerable uncertainty still exists to the situation in the Mid-East and the resulting impact on oil prices, gasoline prices have declined enough in the past month to allow Fleet Operations to reduce the Fleet Vehicle Surcharge, from 10% to 5% as of Feb. 1.

We are very pleased to be able to do this and are hopeful that if current trends in fuel prices continue we will be able to remove the remaining 5% surcharge within the next 30 to 60 days. We very much appreciate the understanding of University Fleet vehicle users and wish to thank them for their cooperation with this unfortunate but necessary program.

Personal leave policy revised

The University's change from mandatory to voluntary participation in medical coverage has made it necessary to revise the policy on personal leaves. Individuals who do not enroll or are not enrolled in medical coverage within 31 days of becoming eligible must provide evidence of insurability if enrollment is desired at a later date. This is necessary in order to guard against selection against the medical plan.

The practice of requiring proof of insurability will be extended to those individuals who take a personal leave of absence and elect not to be covered under the medical plan during the period of the leave. This change will apply with any leaves granted on Jan. 1 and later.

SERS Staff Office

The State Employees' Retirement System (SERS) has been opening, and will continue to open, field offices throughout the Commonwealth in order to better serve active and retired members of the retirement system. At the present time, field offices are located in Mountville, Wilkes-Barre, Seneca (northwest), Philadelphia and Pittsburgh.

A new field office, scheduled to open approximately April 1, will be located in State College, in the Hamilton Square Shopping Center on West Hamilton Avenue. Personnel in that office will serve SERS members who work in the following counties: Bedford, Blair, Cameron, Cambria, Centre, Clearfield, Fulton, Huntingdon, Juniata and Mifflin.

Faculty/Staff Alerts

The following services, which have been provided by the Employee Benefits Division of the Office of Human Resources, will be handled by the field office when it opens: Individual and group retirement counseling, retirement estimates and applications for retirement.

The Employee Benefits Division will continue to enroll new members in SERS, process beneficiary changes, handle withdrawal of retirement contributions for those not eligible for a pension, and process applications for purchase of prior service as well as military and out-of-state service.

The Employee Benefits Division also will continue to provide assistance and counseling to members of the Teachers' Insurance and Annuity Association (TIAA) retirement plan.

Occupational Privilege Tax

In order for the University to comply with the Occupational Privilege Tax regulations imposed by the various taxing districts, the \$10 tax will be deducted from full-time and part-time employees as soon as an employee's gross earnings exceed \$1,000 in 1991.

If, during the year, a person who has already paid the tax is hired, a copy of the payment receipt must be forwarded to the Payroll Office in order to avoid having the tax deducted again.

The Occupational Privilege Tax is not in force at all University locations.

Withholding reminder

The Payroll Office wishes to remind those employees who filed a Withholding Exemption Certificate - University Form W-4E - for 1990 that this certificate will expire Feb. 15 for taxpayers on a calendar year basis. The exemption claimed on Form W-4E must be renewed annually.

If you qualify and wish to continue your exemption, or if you are applying for the first time, you must file a new Form W-4E for 1991. You may claim exemption from withholding if you had no income tax liability for 1990 and if you anticipate no income tax liability for 1991. Forms are available from the Payroll Office, 307 Rider Building.

In general, the elimination of the withholding applies only to those working part time. The principal advantage is that it will eliminate the need to file an income tax return at the end of the year to obtain a refund of money withheld.

Courses for faculty and staff

The Human Resource Development Center has openings in the following courses. Call the center at 865-3410 for registration information.

Assertiveness Focuses on development of positive assertive behavior; meets from 9 a.m. to 4 p.m. on Wednesday, Jan. 30; cost: \$55.

Career Planning Participants will make a self-assessment of career-related interests,

values, and abilities with the use of various computer-based career planning assessment measurements; meets on Mondays, Feb. 4 and 11 from 8:30 to 11:45 a.m.; cost: none.

Burnout Explores possible alternatives and solutions; meets from 9 a.m. to 4 p.m. Tuesday, Feb. 5; cost: \$55.

Telephone: Putting Your Best Voice

Forward Designed to improve your telephone communications skills. Applicable to anyone who answers or deals with people on the telephone; meets from 9 a.m. to noon Wednesday, Feb. 6; cost: \$35.

Writing Skills for Secretaries Designed to open new opportunities for secretaries and clerical personnel through an increased awareness of the importance and functions of the communications process and the development of improved writing skills. class meets for eight sessions; meets from 9:30 a.m. to noon Thursdays, starting Feb. 7 to March 28; cost: \$95.

Performance Appraisal For supervisors of staff exempt and staff non-exempt employees. The program will cover the objectives of performance appraisal at the University; meets for one Thursday, Feb. 7, 14, 21, or 28; cost: none.

Essentials of Management-Supervisory

Management I An AMA video/workbook program designed for supervisors with first-line management responsibilities, suitable for any supervisor; meets for six sessions, Tuesdays and Fridays, starting Feb. 12 to March 1, from 8:30 to 11:45 a.m.; cost: \$125.

Success Series

Formerly the Excel course, Utilizes American Management Association materials in a series of courses specifically designed with the clerical (support staff) supervisor in mind; covers every area of administration. Entire series meets for six sessions; cost: \$35 per course or \$150 per entire series.

The Success Series includes:

Working With Others Skill building related to establishing and maintaining working relationships; meets from 1:15 to 4:30 p.m. Tuesday, Feb. 12.

Working Effectively with Different Managerial Styles Learn how styles can influence work productivity; meets from 1:15 to 4:30 p.m. Friday, Feb. 15.

Making the Most of On-The-Job Changes Learn how to be positive and help others to do the same; meets from 1:15 to 4:30 p.m. Tuesday, Feb. 19.

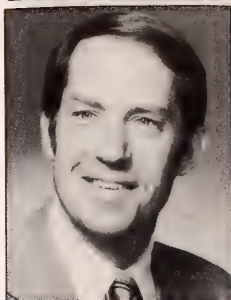
Developing On-The-Job

Communication Skills Improve your skills and learn to say what you mean and mean what you say; meets from 1:15 to 4:30 p.m. Friday, Feb. 22.

Using Managerial Techniques On-The-Job Learn and practice the implementation of up-to-date managerial techniques; meets from 1:15 to 4:30 p.m. Tuesday, Feb. 26.

Self-Development Learn to ensure that self-development occurs; meets from 1:15 to 4:30 p.m. Tuesday, Feb. 26.

Partings



Thomas B. Davinroy

Thomas B. Davinroy, associate professor of civil engineering, has retired after 26 years service.

A graduate of Princeton University, he earned his doctorate of engineering from the University of California in 1960. He joined the University faculty as assistant professor of civil engineering in 1964.

In the College of Engineering his area of expertise was airport planning and design, transport noise, traffic flow and effects of human behavior on design. Undaunted by a loss of hearing midway in his career, Dr. Davinroy continued full-time research and teaching responsibilities. He also served on the Penn State Learning Disability Advisory Committee and several departmental committees.

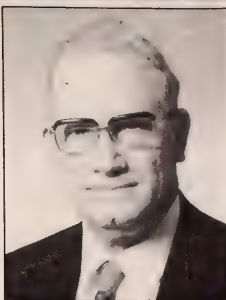
Dr. Davinroy is a member of American Association of Airport Executives and the American Society of Civil Engineers, having served as secretary on the Landing Area Facilities Committee and the ASCE National Technical Advisory Committee. He served on the Pennsylvania Statewide Aviation Systems Plan Advisory Committee for the Pennsylvania Department of Transportation. His civic activities included work as secretary for the Centre County Pa. Airport Authority and membership in the State College Area Chamber of Commerce.

Dr. Davinroy currently is traveling and living in California.

Roger Penneck Jr., professor of soil genesis and morphology in the College of Agriculture, has retired after 26 years service. The highlight of his Penn State career, he says, was teaching students.

Dr. Penneck has taught and advised students so well that he has received widespread recognition for his efforts. Among his honors are the Northeast Branch of Agronomy Society Teaching Award, the Penn State Amoco Foundation Teaching Award, the Golden Key National Honor Society Outstanding Faculty Award and the National Association of Colleges and Teachers of Agriculture Outstanding Fellow Teacher Award.

In 1986 he was the first recipient of the Penn State Alumni and Student Award for



Roger Penneck Jr.

Excellence in Teaching. He also won the 1990 Centre County Wally Thompson Memorial Conservation Award largely because of his teaching dedication.

Dr. Penneck joined the Penn State faculty in 1964. From 1967 to 1972 he and a team of Penn State scientists lived in Maharashtra, India, working to increase food production after a two-year famine.

He has been active in advising the Agronomy and Environmental Resource Management clubs and coaching the soil judging teams. A course begun by Dr. Penneck in 1986 to enhance the teaching skills of new faculty members and graduate students.

Dr. Penneck's retirement plans include travel, photography, gardening and woodworking. He also plans to practice gene cutting on some mineral specimens he collected during his residence in India.

Jane Pollock has retired from the Department of Microbiology and Immunology at the Hershey Medical Center after 21 years service.

One of the first persons hired in the department in July 1969, she applied for a job at the Medical Center after she and her husband Paul decided 14 years as houseparents at the Milton Hershey School was enough. "I really did not know what to expect (at the new job). I knew because I had no experience. I would have to train on the job," she recalls.

Today she is doing the training. She has served as media sterilization group leader since 1983. In the media room, they prepare solutions for cancer research. When she trains her staff, she emphasizes the importance of the work.

During her retirement, Ms. Pollock plans to continue her exercise program of water aerobics, walking, and stationary biking. She also plans to travel with her husband who also is retired.

Robert D. Shipman, professor of forest ecology, has retired with emeritus status after 27 years service.

Dr. Shipman has taught a wide variety of undergraduate and graduate forestry-related courses, has been an active supporter of



Jane Pollock

student organizations and has received numerous awards. Including the Pennsylvania Forestry Association's Joseph T. Rothrock Conservation Award this fall for his significant contribution to public recognition of state forest resources.

The Allegheny Society of American Foresters named him "Forester of the Year" in 1975 and recently honored him with the 1990 Outstanding Service to Forestry Award.

A native of West Virginia, he earned his bachelor's and master's degrees in forest ecology from the University of Michigan and his doctorate from Michigan State University. He was employed by the U.S. Department of Agriculture and served as an associate professor of forestry at Clemson University from 1958 to 1963.

Dr. Shipman and his wife, Louella, plan to remain in the State College area, and he looks forward to fishing, hunting and playing tennis.

Both of the Shipman's children are Penn State alumni. Their son, Karl, recently started working in Pattee Library. Their daughter, Nancy, who earned both her bachelor's and master's degrees at Penn State, is now working for Geisinger Medical Center in Danville.

Bruce Shobaken, professor of art, has retired with emeritus status after 32 years service.

A printmaker, Professor Shobaken came to the University in 1958. Since then, he has served as acting head of the Department of Art several times and served as head of printmaking from 1973-88. He also served as head of the graduate program in studio art from 1983-87.

His excellence in teaching has been recognized recently with three major teaching awards. In 1989, he received the Golden Key Outstanding Teacher Award and the Arts and Architecture/Performing Arts Constituent Society Faculty Teaching Award. In 1990, he received the George W. Atherton Award for Excellence in Teaching from the University.

Professor Shobaken was a visiting artist at Thiel College, in the School of Art at Thiel College, in the School of Art at the Art Institute of Chicago and in the



Bruce Shobaken

Department of Art at the University of Minnesota.

He has had 31 one-man shows in 12 states. His work has been selected for more than 100 juried and invitational exhibitions, including the National Print Exhibition at the Brooklyn Museum, the International Biennial Print Exhibition in Taipei, and the Society of American Graphic Artists Print Competition in New York.

Professor Shobaken received his bachelor's and his MFA degrees from the University of Minnesota. He also studied printmaking in Paris under a Fulbright grant.

Ronald W. Knight, patrol officer, Delaware County Campus, from May 19, 1980, until Oct. 2.

Margaret J. Sutton, nutrition advisor, Agriculture, from July 1, 1977, until Oct. 1.

Dorothy R. Wheeler, nutrition advisor, Agriculture, from July 1, 1977, until Oct. 1.

Zung-Ping Chang, research associate MRL/IRP, Research and Graduate School, from March 1, 1965, until Feb. 28, 1989, and from Aug. 1, 1989, until June 1, 1990.

Staff Vacancy

"01254, Administrative Assistant, Senior Vice President for Research and Dean of the Graduate School, Pennsylvania Transportation Institute, University Park Campus - Responsible to the director, Pennsylvania Transportation Institute, for assigned administrative duties related to the functioning of the Institute, including proposal preparation and (or) supervision of assigned staff and clerical personnel. Requires bachelor's degree or equivalent in business or related field plus over one year up to and including two years of effective administrative experience, including supervision. University budget and accounting experience required. proposal preparation experience preferred. STAFF GRADE 6

See also page 12.

MBA program is cited by Business Week

The University's MBA Program is rated among ones that "could break through the top-tier barrier in the near future" by the latest edition of *Business Week's*, *Guide to the Best Business Schools*.

The MBA Program, part of the Smol College of Business Administration, was cited by *Business Week* writers for its good faculty-student ratio, ground-breaking communications program, toughness and strong record with corporate recruiters.

The *Business Week Guide* is an extension of the magazine's annual national ranking of MBA programs. It includes a "top 20" determined by surveys of MBA graduates and corporate recruiters; a second tier of 20 schools determined by the strength of their recruiter-survey showing and standing among business school deans and other experts; and a third tier this year a group of 11 institutions with strong regional reputations.

Penn State was grouped in the second tier, which had no rank order.

In its write-up, *Business Week* focused on the small size of the Penn State MBA program (160 per entering class, 320 total), which "allows administration and faculty to get to know students." What sets Penn State apart is its emphasis on communications, said *Business Week*, referring to a year-long multi-media communications course required of all MBAs.

Four Pennsylvania schools were among the 51 included in the *Business Week Guide*. Two private institutions, the University of Pennsylvania's Wharton School and Carnegie Mellon University, were second and ninth, respectively. In the top 20, The University of Pittsburgh's Joseph M. Katz Graduate School of Management, a public institution, was included among the second tier schools.

Registrar candidates sought

Warren R. Haffner has announced his retirement as University registrar effective June 30 after more than 33 years service.

Robert E. Dunham, vice president and vice provost, has praised the dedicated and effective service of Mr. Haffner and has appointed a Search and Screening Committee to conduct a national search to identify outstanding candidates for the position.

The committee chair is Gary Hile. Other members are Dennis Gougar, Janice Forrest, Melissa Kunes, E.R. Melander, Frank Miller, Ellen Perry, Lee Stout, James Stewart and a student to be designated. Gloria Briggs will serve as staff.

Qualifications for the position include: orientation and commitment to a large state university; demonstrated administrative competence; established professional

stature; demonstrated ability to communicate effectively with faculty, staff, students, parents, and alumni; an ability to work effectively with state, federal and institutional agencies and with University offices such as Admissions, Bursar and Student Aid; superior planning and budgeting skills; and a dedication to service.

Nominations and applications together with a letter of interest, curriculum vitae and three references should be sent to: Robert E. Dunham, vice president and vice provost, 417 Old Main, Box IC, University Park, Pa. 16802.

Applications received prior to Feb. 12 will receive first consideration. Dr. Dunham said he expected that it will be possible for the Search and Screening Committee to submit its recommendations before the end of March.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University. The brief statements for each vacancy are illustrative. They are not complete position descriptions. APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304. Applications for these staff vacancies will be accepted until Jan. 24. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment Practices (P9 1) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law) sex, or status as a disabled or Vietnam era veteran.

■01249, Construction Quality Representative, Office of Physical Plant, Construction and Design, Hershey Medical Center - Responsible to the project manager, Contract Administrator for the inspection of construction projects and day-to-day related coordination and monitoring of work, being performed by prime contractors and their sub-contractors.

Requires associate degree or equivalent plus two to four years of effective hospital construction and renovation experience at a supervisory level. THIS IS A FIXED TERM POSITION FUNDED THROUGH OCT. 30 1992. NOTE POSITION LOCATED AT HERSHEY MEDICAL CENTER. STAFF GRADE 0.

■01250, Coordinator, Undergraduate Academic Support Services, Eberly College of Science, Dean's Office, University Park Campus - Responsible to the associate dean for reading, instruction for providing advice on all matters affecting undergraduate students within the college. Oversee and coordinate delivery of academic advising services; develop training programs for faculty advisors and serve as resource for all college advising personnel. Requires master's degree, or equivalent, in counselor education or related field plus one to two years of effective experience in college-level academic advising, educational counseling, or student support services, preferably in a scientific field. STAFF GRADE 7.

■01251, Administrative Aide, Undergraduate Education, Black Studies Program, University Park

Campus - Responsible to director, Black Studies Program, for overall supervision of clerical employees, budget, programs course development, and program activities. Requires associate degree, or equivalent, plus over two years effective experience in related administrative and financial work. Excellent writing and communication skills required. STAFF GRADE 5.

■01252, Computer Operator, Computer and Information Systems, Management Services, University Park Campus - Set up computer for each program and operate keyboard. Requires high school graduate or equivalent with computer operator training, equivalent to two years of college, plus over one year up to and including two years of effective experience with data processing equipment. NOTE: THE OPERATIONAL SCHEDULE FOR THIS UNIT IS 24 HOURS PER DAY, SEVEN DAYS PER WEEK, INCLUDING HOLIDAYS. ASSIGNMENT TO ANY OF THE POSSIBLE SHIFTS SHOULD BE ANTICIPATED. STAFF GRADE 4.

■01253, Director, Computer and Information Systems, Computer Center, Penn State Harrisburg -

Responsible to the associate provost and dean of faculty for the management of computer systems planning, development, implementation operation as well as training in support of the academic needs of the campus. Requires master's degree or equivalent in a technical or managerial field relevant to computer systems and applications plus over three to four years of effective experience. Knowledge of programming languages, software packages, computer hardware including mainframe and micro computers as well as remote terminal operational and communications is essential. Instruction or training experience is desirable. STAFF GRADE 8.

Hershey

For the following position vacancies, apply directly to The Milton S. Hershey Medical Center. Attach resume with cover letter indicating the position vacancy code and forward to the Department of Human Resources, Hershey, or call the Hershey bid line at (717) 531-8531 by Jan. 24.

■16540-3, Surgical Technician,

Nursing/OR - Responsible to the RN circulating nurse/nurse manager for providing a sterile patient care operating room setting, for equipment and instrumentation set-up and operation, and providing surgical assistance during the operating room procedure. Must be a graduate of an approved school of surgical technology with up to and including 12 months effective experience. STAFF GRADE 3.

■16548, Nursing Manager Evening, Night, Department of Nursing Services - Responsible to the assistant director of nursing services for directing, supervising, coordinating and evaluating all activities of the Department of Nursing on assigned shift and/or area of responsibility. (Cover the house on the off shift). A master's degree plus one to two years of effective hospital nursing experience or bachelor's degree with two to four years of effective hospital nursing experience required. Registered professional nurse currently licensed by the Pennsylvania Board of Nursing also required. Medical-surgical nursing experience desired.

Additional vacancy is listed on page 11.

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William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

January 17, 1991
Vol. 20, No. 17

KING DAY PROGRAM

The University Park plans for the observance of Martin Luther King Day have been revised due to the illness of the keynote speaker. See the story on page 2.

BOARD OF TRUSTEES

Stories from the Jan. 11-12 meeting of the Board of Trustees are on pages 4 and 5.

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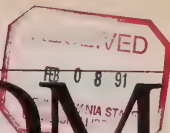
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INTERCOM



January 24, 1991

Volume 20, Number 18

Two candidates to be selected for program

Administrative Fellows applications sought

Non-discrimination hearing scheduled

A public hearing to review an addition to the University's non-discrimination statement proposed by President Thomas will be held from 10 a.m. to 3 p.m. Thursday, Feb. 7, in Room 501 Keller Conference Center University Park.

The purpose of the hearing, called by the University Non-Discrimination Policy Review Committee of the University Faculty Senate, is to solicit testimony from University groups on the proposed addition to the University's non-discrimination statement, as well as to gather information on the appropriateness of adding a phrase to the statement prohibiting discrimination on the grounds of sexual orientation.

Based on the verbal and written testimony it receives, the committee will make a recommendation to the Senate for its deliberation.

The current non-discrimination policy, with President Thomas' proposed addition in parentheses, states, in part: The Pennsylvania State University, in compliance with federal and state laws, is committed to the policy that all persons shall have equal access to programs, admission, and employment without regard to race, religion, sex, national origin, handicap, age, or status as a disabled or Vietnam era veteran. (In addition, The Pennsylvania State University will take appropriate measures to protect all of its students and all of its faculty and staff from harassment, abuse, or assault; and bases all educational and employment decisions on an individual's abilities and qualifications without reference to personal characteristics that are not related to academic ability or job performance.)

Representatives of University groups may request time to testify at the hearing by contacting the Senate Office, Bigh Cottage at 863-0221 on or before Feb. 7.

Donald C. Rung is chairing the University Non-Discrimination Policy Review Committee. Members are: Janet Atwood, Shannon Burke, Donald Fahline, David Gold, Gordon Hamilton, Andrew Jackson Sr., Robert Pangborn, Robert Seeds, Paul Shellenberger and Nancy Tischler.

The Office of the President is pleased to request applications and nominations for the Administrative Fellows Program for 1991-92. Two Fellows are sought, one to serve under the mentorship of the executive vice president and provost of the University, and the other under the senior vice president for finance and operations-treasurer.

The Administrative Fellows Program provides career development opportunities for women and minority faculty and staff. By serving under the mentorship of a senior-level administrator, Fellows who are seeking the background necessary to compete at higher levels of administration will have an opportunity to broaden their perspectives and experience in higher education administration. Such an experience is designed to allow Fellows to become more effective in their existing positions within the University and to provide a base for them to consider advanced positions in the future.

Objectives of the program include:

- To identify women and minorities who have potential for effective leadership.

- To increase the Administrative Fellows' awareness of the complexity of issues facing higher education and to enhance

their understanding of the environment in which decisions are made

- To provide opportunities for Administrative Fellows to participate in a wide range of decision-making processes, learning activities, and program management so that they will be better equipped to understand the challenges of higher education administration upon completion of the fellowship.

Although completion of the program does not guarantee appointment to an administrative position at the University, persons who complete the program increase the pool of women and minorities interested in pursuing careers in University administration.

The selection criteria for Fellows are: full-time faculty or staff member; demonstrated success in their current position and interest in an administrative career; evidence of leadership experience and decision-making ability; ability to relate effectively with students, faculty, and staff, and an understanding and appreciation of cultural, ethnic and individual differences; willingness to accept a wide variety of assignments.

Women and minorities meeting these qualifications at all University locations

are strongly urged to apply. The successful candidate will be placed on leave of absence from her or his current position and continue to receive a regular salary. The starting dates of each fellowship may vary depending on the office and the Fellow's commitments.

The successful Administrative Fellow will develop a learning plan outlining activities for the year, in consultation with either the provost or the senior vice president for finance.

The Fellows program is competitive. A screening and interview committee will recommend candidates. Serving on the committee will be a representative from the Commission for Women, representatives from the offices where the Fellows will be placed, a past Fellow, and a representative from the Office of Human Resources.

Applications for the Administrative Fellows Program are available from the Office of Human Resources at 863-1387. Applications should be returned to Office of Human Resources, Box 0, Rider Building, as soon as possible, but not later than March 1.

Persons interested in more information may call Robert L. Kidder at 863-4606.



Martin Luther King Day observance

Marchers proceed through snowflakes to Eisenhower Auditorium at University Park where the University's observance of Martin Luther King Day was held. A program of readings by members of the local and University communities highlighted the celebration. (Photo: Greg Grieco).

Focus on Diversity

Martin Luther King Day observances detailed

Due to a computer error, the following were omitted from a roundup of Martin Luther King Day observances in the Jan. 10 issue of *Interim*.

Allentown—A program at noon Monday Jan. 21, will feature a panel discussion by three professionals from the local community. Panel members will discuss the significance of Dr. King to their professional lives and the work they do every day.

Penn State Erie, The Behrend College—A series of student vignettes commemorating Dr. King's

accomplishments will be presented from 4 to 5 p.m. Monday, Jan. 21, in Erie Hall. At 7:30 p.m. the college community will participate in a candlelight march. The Shiloh Baptist Church will present "Celebrating Through Song" at 8 p.m. in Reed Lecture Hall.

Fayette—The Fayette Campus observance, scheduled from 11 a.m. to 5 p.m. Monday, Jan. 21, will include a thematic panel discussion, black student achievement program, NAACP Youth Choir concert, and a specific exhibit. An all-faith ecumenical service, from 6:30 to 8 p.m.,

will feature the Laurel Highlands High School Choral. Theme of the day's program is "The Church and Society."

Wilkes-Barre—The Martin Luther King Jr. Committee of Wyoming Valley will host Rev. Deborah Moody, of the Pennsylvania Council of Churches, on Jan. 20 at Wilkes College. A student group exploring the philosophy of Dr. King will be held at noon, Jan. 21 in Fortinsky Auditorium at the Wilkes-Barre Campus. A discussion on "Minorities in the Media" will be held at noon, Jan. 23 in Fortinsky Auditorium.

Sexual orientation workshop scheduled

The College of Health and Human Development will sponsor a workshop on sexual orientation at 4 p.m. Monday, Jan. 28, in the Henderson Building Living Center at University Park.

The workshop is the second in a series of curriculum integration workshops developed by the college. The workshops are designed to provide college faculty with an opportunity to learn how cultural diversity issues can be integrated into the classroom.

Anthony R. D'Augelli, associate professor of human development, will give a slide presentation that traces lesbian and gay history. Faculty will participate in small group discussions on ways of making the classroom climate more accepting for gay, lesbian, and bisexual students.

The committee of Health and Human Development faculty who planned the workshop include **Dr. D'Augelli**, **Diane Brannon**, assistant professor of health policy and administration; **Marilyn Estridge**, assistant professor of exercise and sport science; **Patricia B. Koch**, assistant professor of health education; **Stanley P. Mayers Jr.**, associate dean for undergraduate studies; **Patrick Moreo**, associate director of the School of Hotel, Restaurant, and Institutional Management; and **Susan Youtz**, assistant director of the School of Nursing.

The workshop is scheduled to run from 4 to 6 p.m. in the Henderson Building Living Center.

WPSX program explores rap music origins

Rap City Rhymeology, airing at 11 p.m. Friday, Jan. 25, on WPSX-TV explores the origins, meaning and performance of rap music.

A video collage without narration, the program uses segments from rap music

videos and interviews with rappers, disc jockeys and writers. Together they create an up-to-the-minute portrait of the music that is emerging as the social statement of the 1990s, led by black urban youths.

Interviews include writer Ithamar Reed and "Davey D" Cook, and video segments include work by Tone Lock, MC Hammer, Public Enemy, Digital Underground, Queen Latifah and KRS-One.

The program delves into the musical world of "Hip-Hop," the African-American subculture from which rap was derived by Bronx and Harlem youths in the mid-1970s. *Rap City Rhymeology* depicts rap as a reflection of the broad spectrum of life in urban America: male/female relationships, police brutality, drugs, violence and black pride and self-respect.

Videotape available

The Multicultural Workplace (36151.VH), a new video now available from Audio-Visual Services, demonstrates the importance for managers to value cultural diversity, not to repress or avoid it.

The program shows the difficulties that usually result when people from differing cultural backgrounds interact in business and reveals how, because of misunderstanding and cultural assumptions, many employees are undervalued.

This title is available at no charge to University faculty and staff members for classroom use. At University Park, call 865-0913 to make arrangements for a preview showing. At a Commonwealth Campus, contact the campus instructional services specialist for more information.

Bookshelf

Joe F. Donaldson, associate professor of education is the author of *Managing Credit Programs in Continuing Higher Education*.

The book, part of the Guide Series in Continuing Education prepared by the University of Illinois at Urbana-Champaign, identifies problem areas likely to be encountered and the staff support needed to administer different forms, levels and modes of program delivery.

News in Brief

Professional Women at Penn State

The second Open Agenda program will be held at a meeting of Professional Women at Penn State at 11:45 a.m. Tuesday, Jan. 29, in the Frizzell Room of Eisenhower Chapel at University Park.

Professional Women at Penn State is a grass-roots group coordinated by University women in which participants can develop and maintain a communications network and serve as a resource for other Penn State women.

Educational Office Personnel

The Penn State Chapter of Educational Office Personnel is sponsoring a program "An Introduction to the PSECU (Pennsylvania State Employees Credit Union)" at noon Tuesday, Jan. 29, in Room 110 Henderson Building at University Park. Margaret Delmonico, a representative of PSECU will be the featured speaker.

The Penn State Chapter of Educational Office Personnel is a professional organization dedicated to increasing the level of professionalism of

the University's office personnel through continuing education.

For further program or membership information, call 863-4093, or 863-3086.

'Ethics in Advertising'

Joseph P. Mack, chairman and chief executive officer of Saatchi and Saatchi Advertising, will present the lecture "Ethics in Advertising" at 7:15 p.m. Tuesday, Jan. 29, in the HUB Assembly Hall at University Park.

Mr. Mack's appearance is hosted by the School of Communications under the auspices of the Ambassador Program of the Advertising Educational Foundation, a non-profit organization based in New York City.

Lecture by Jack Anderson

Syndicated columnist and nationally-known journalist Jack Anderson takes a look at "The News Behind the News" at 8 p.m. Tuesday, Jan. 29, in Erie Hall at Penn State Erie. The Behrend College.

Mr. Anderson kicks-off the Penn State-Behrend Speaker Series for spring.

For more information, call (614) 898-6159.

New television program

Helping teachers and school administrators to improve the nation's schools is the focus of a new television program "Touching the Future," hosted by Rodney J. Reed, Pennsylvania professor of education and dean of the College of Education.

The program will air on cable channel Mind Extension University, starting Tuesday, Jan. 29, at 1:30 p.m. The Mind Extension University cable channel is available to 12 million subscribers nationwide.

The monthly program is one of several joint projects by WPSX-TV/PENNARAMA and Mind Extension University. Its goal is to present leaders at all levels of education with dialogue about improving and preparing learning for the future.

Roundtable series

Karen Freeman, assistant professor of journalism, will lead a lunchtime roundtable sponsored by the Penn State Chapter of the National Association of Science Writers at 11:45 a.m.

Wednesday, Jan. 30, in 313 Kern Building at University Park. She will lead a discussion of "Biotechnology Reporting in Australia."

The Penn State Chapter of the National Association of Science Writers meets for lunch and discussion on the last Wednesday of each month. The brown bag luncheon roundtable series is open to anyone interested in science communication.

SAT course

Penn State Continuing Education, in cooperation with Horizons for Learning, Ltd., will offer high school students a three week, grade-free course to prepare for the SAT verbal and mathematics examinations.

Classes will meet from 6 to 9 p.m. on Mondays and Thursdays for three weeks, beginning Feb. 4 at the Keller Conference Center at University Park. The \$160 registration fee covers instructional costs and materials. Early registration is encouraged since class size is limited.

For registration information, contact: Penn State Continuing Education, 102 Wagner Building, University Park, Pa., or phone (614) 865-3443.

Partings

Theodora "Teddy" Hoover, senior data processing clerk in the Office of Budget and Resource Analysis, has retired after 32 years service.

Ms. Hoover began working for the University in 1958 in the Division of Instructional Services. She moved to Examination Services in 1960 and to the Office of Budget and Planning in 1965. She has held her current position since 1984.

Ms. Hoover collected instructional activities data, which kept her in contact with every department on every campus and made her aware of how much the University has grown.

Among the times she remembers most is when the Graduate Building was struck by lightning and her records were destroyed. "We spent weeks re-typing half-chart papers," she said. "It was horrible."

She is enjoying her retirement and catching up on her reading and needlepoint.

E. Lynn Miller, professor of landscape architecture, has retired with emeritus status after 30 years service.

Professor Miller received the Outstanding Teaching Award given by the student government, and earned many other awards, including two merit awards from the American Society of Landscape Architects for the Taliesin master plan. In addition, he served as the college's first assistant dean for research from 1973-76. In that capacity, he was involved with the 1976 Bicentennial Wagon Train Show, Pennsylvania's gift to the nation.

Professor Miller is widely published in his field and has maintained an active private consulting practice. He received his undergraduate degree from West Virginia University and his master's from Harvard. He is a registered landscape architect in Pennsylvania.

Professor Miller recently endowed the Humphrey Repton Award for Creative Writing in the Department of Landscape Architecture. A yearly competition, the award is a cash prize to undergraduate students in landscape architecture who exhibit outstanding creative ability in writing.

In retirement, he is spending the Spring Semester as a distinguished visiting professor at the University of Arkansas at Fayetteville, where he will launch a general education course on the natural and historic landscape.



E. Lynn Miller

Helen Miller, accounting clerk for Housing and Food Services at the Penn State Mont Alto Campus, has retired after 23 years service.

When Ms. Miller began her duties at Mont Alto on Jan. 2, 1968, she actually held two jobs -- one on campus and the other with her husband, Larry, during their operation of Miller's Nursery in nearby Quincy.

Active in music, Ms. Miller's retirement will allow her more time to lead the local AARP Chorus which recently made its concert debut.

J. Calvin Sammons, Penn State extension agent in Lawrence County, has retired after 34 years service.

Mr. Sammons began working for Penn State Cooperative Extension in 1956 after serving two years in the U.S. Army as a guided missile mechanic. He served four years in Washington County before joining the Lawrence County extension staff in 1960. He served as county extension director for more than 13 years and was responsible for various adult and youth education programs.

George Payette, assistant to the campus executive officer at the Mont Alto Campus, retired Dec. 31 after more than 24 years service.

Mr. Payette came to the University in 1962 as a graduate student after a previous 25-year career as a newspaper reporter and



J. Calvin Sammons

editor. He worked for the Associated Press in its Tokyo Bureau from 1955-56 and, as one of only three persons to edit both the Pacific and European editions, was news editor for the U.S. Government newspaper *Stars and Stripes* from 1955-62.

In 1960 he became an instructor in English and an instructor in political science at Mont Alto. Eventually, he taught for three additional departments: Journalism, History, and General Education.

He was appointed director of academic affairs in 1969 and served 10 years at Mont Alto in that position. During much of his time at the campus, Mr. Payette also was responsible for the functions of the director of university relations.

In 1988 he became assistant to the CEO Mr. Payette has served as president and vice president of the Pennsylvania Association of Two-Year Colleges. He was president of the Mont Alto Borough Council, the Franklin County Library Board, and the Mont Alto PTA, as well. He lives in Mont Alto.

Elen M. Marshall, associate extension agent, Agriculture, from Oct. 15, 1979, until Sept. 29.

John E. Hess, assistant to the farm superintendent, Agriculture, from Jan. 1, 1968, until Oct. 1.

LeAnn B. Lorenz, supervisor, water quality lab, Research and Graduate School, from June 1, 1980, until Nov. 1.

Spot Psychology and the first American sport psychology to be inducted into the International Society of Sport Psychology.

Memorial contributions may be made to the Dorothy V. Harris Lecture Series or the Dorothy V. Harris Libraries Endowment at the University.

Albert L. Spotts, janitor, Maintenance and Utilities, from June 6, 1951, until his retirement May 7, 1963, died Dec. 20 at the age of 92.

She was the first woman to serve as president of the North American Society of

Committee to revise handbook appointed

A committee to revise the Faculty Handbook has been appointed by the executive vice president and provost. Its charge is to update the publication last revised in 1984. The new edition should be ready for distribution to faculty members across the university in the fall of 1991.

The committee is being chaired by **Del Sweeney**, special assistant to the executive vice president and provost. The other committee members are:

Annette L. Carson, assistant professor of health education, Penn State Oquon Campus; **Caroline D. Eckhardt**, head, Department of Comparative Literature; **Jeffrey T. Hermann**, director, University Publications; **Nancy L. Herron**, administrative fellow, Office of the President; **Robert Killoren**, director, Office of Sponsored Programs and Contracts.

Shirley A. King, procedures specialist, Office of Human Resources; **Robert LaPorte Jr.**, professor of public administration; **Donald C. Rung**, professor of mathematics; **Rebecca A. Young**, assistant to the provost and dean for undergraduate education/personnel and administrative services.

The committee has held several focus sessions to determine how the handbook is being used and to better identify new areas of information of interest to faculty members. The committee welcomes suggestions relevant to improving the handbook. Send comments to Dr. Sweeney, 201 Old Main, or to any other member of the committee.

Awards established

The Graduate School and the Office of the Vice Provost and Dean for Undergraduate Education have established annual awards in four broad disciplinary areas (physical science and engineering, life sciences, social and behavioral sciences, and arts and humanities) to recognize excellence in teaching by graduate assistants. The 1991 award winners will be announced on March 8.

Students, staff, clerical, and faculty members are eligible to nominate a graduate student for this award. Guidelines and procedures for nominations and selection of awardees have been distributed University-wide. To be eligible for nomination a graduate assistant must have served in a teaching capacity for at least two semesters within the last two years.

All nominations will be sent to the dean of the Graduate School for preliminary review and screening for further evaluation. The screening committee will select nominees for further consideration. Their names will be sent to the appropriate college deans for preparation of more detailed dossiers.

The deadline for submission of nominations to the Graduate School is Feb. 1. Dossiers of finalists will be due in the Graduate School for final review on Feb. 22.

Obituaries

A memorial service for **Dorothy V. Harris**, professor of exercise and sport science, who died Jan. 4, will be held at 2 p.m. Friday, Jan. 25, in Eisenhower Chapel at University Park.

An internationally recognized figure in the field of sports psychology, Dr. Harris joined the University faculty in 1970 as an assistant professor and was promoted to professor in 1973.

A graduate of James Madison University, she received a master of science degree in

1958 from the University of North Carolina in Greensboro and her doctoral degree in 1965 from the University of Iowa. She also did postdoctoral work at Penn State between 1960 and 1969.

In 1970, at her urging, the University created the nation's first graduate program in sports psychology.

Dr. Harris was a member of the U.S. Olympic Sportsmedicine Committee on Sports Psychology and a 1988 recipient of a Fulbright Scholarship to study in Vienna, Austria.

She was the first woman to serve as president of the North American Society of

The following leaves of absence have been approved for 1991-92.

College of Agriculture

Stephanie Doeres, associate professor of food science, to conduct research on the microbiologically destructive effects of microwave heating in prepared foods and on biotechnological techniques for the recovery of injured microorganisms at the Pillsbury Co., Minneapolis, Minn.

Herschel A. Elliott, professor of agricultural engineering, to study interfacial relations of trace metals in aqueous systems, at the University of Newcastle, New South Wales, Australia.

Claire C. Engle, associate professor of animal science, to study the user group concept of research information transfer and its application to the forage/livestock industry at the New Zealand Department of Scientific and Industrial Research.

Arlyn J. Heinichs, associate professor of dairy and animal science, to conduct research on livestock epidemiology and economics, at the USDA National Animal Health Monitoring System, Fort Collins, Colo.

Larry A. Hull, professor of entomology, to study the dispersal behavior of an apple leafroller pest and its effect on control tactics, at Washington State University Tree Fruit Research and Extension Center, Wenatchee.

Elmore R. Hunter, county extension director (Philadelphia County), to complete a master of education degree in adult and continuing education, at Cheyney University.

Nancy M. Kadwili, county extension agent (Montgomery County), to pursue and complete a master of education degree in curriculum and instruction, at Penn State at Great Valley.

Ronald S. Kensing, associate professor of animal nutrition/physiology, to study contemporary techniques in molecular biology which can be applied to the study of fetal and neonatal development in domestic animals, at the University of California, Santa Cruz.

Joann E. Logan, associate extension agent (Westmoreland County), to complete a master of adult education degree.

Felix L. Lukacz, professor of plant pathology, to collect and screen bacteria antagonistic to leaf diseases of wild alfalfa, at Ondokuz Mayıs University, Samsun, Turkey.

Janet L. McDougall, associate extension agent (Mercer County), to complete a master of education degree in health education.

Gary W. Moorman, associate professor of plant pathology, to develop guidelines for the production of pest-free plants by secondary propagators of commercial greenhouse crops.

Dennis J. Murphy, professor of agricultural engineering, to conduct research and write a comprehensive reference work on agricultural safety and health.

Rune F. Price, associate extension agent (York County), to complete a master of education degree in training and development.

Patricia L. Sanders, associate professor of plant pathology, to investigate fungicide resistance mechanisms in plant pathogens, at Wageningen Agricultural University, The Netherlands.

Herbert S. Siegel, professor of poultry science, to conduct research on the effects of the environment and inheritance on the initiation of the immune function in chickens, at Wageningen Agricultural University, The Netherlands.

Richard A. Wilcox, professor of veterinary science, to conduct research on the endocrine and immune systems of calves, at the University of Veterinary Science, Budapest, Hungary.

Paul J. Wuest, professor of plant pathology, to write a reference text on integrated crop management for mushroom farming.

College of Arts and Architecture

Robin L. Gibson, associate professor of art, to study the dynamics of natural landscapes in Alaska and Australia through on-site drawings and paintings.

Eliza Penzabacker, associate professor of landscape architecture, to conduct research on taste and fashion in the design of landscapes in 16th-century England and 19th-century America, including travel to historical English parks.

Neil H. Porterfield, professor of landscape architecture, to conduct research and document land uses of the Dugal Estate in Kilmacolm, Scotland, for the period 1270-1940, in Kilmacolm.

Emma S. Rocco, associate professor of music (Beaver Campus), to conduct research on ethnic and American ensembles and music and on Slavic music traditions in America.

Mary L. Romanek, assistant professor of music education (McKeesport Campus), to examine the music content and activities in a variety of licensed nursery schools.

Elizabeth B. Smith, associate professor of art history, to conduct a study of the architecture and architectural sculpture of the Romanesque and Gothic periods in the Abruzzi, in southern Italy.

Stephen Stace, assistant professor of integrative arts and music (Zigzag Campus), to compose original music for publication and performance.

Roger R. Zellner, associate professor of visual arts (Altoona Campus), to create a body of functional production ceramic pieces for exhibition.

Penn State Erie, The Behrend College

Richard C. Bollinger, professor of mathematics, to study the properties and applications of extended Pascal triangles and to translate a Russian monograph on this topic.

Steven A. de Hart, associate professor of German and humanities, to complete an intermediate-level German textbook and a study of the comedies of Ludwig Tieck, including a translation of one of his plays, in Germany.

Diana H. George, professor of English and women's studies, to complete three manuscripts: *The Lonely Other*, *Phantom Breed*, and *A Gensis*.

James A. Kurek, associate professor of economics, to identify and quantify the determinants of variation in the cost of living from place to place.

Robert T. Tauber, associate professor of education, to investigate the role and effectiveness of Australian teachers and administrators in the establishment and maintenance of school/classroom discipline, at the University of Melbourne, Australia.

Smeal College of Business Administration

Terry P. Harrison, associate professor of management science, to investigate various computational aspects of large-scale production-distribution systems, at the University of Tennessee, Knoxville.

Stephen E. Jablonsky, associate professor of accounting and management information systems, to conduct cross-cultural research on the changing nature of financial management practices in major global firms in Japan and Germany.

Arnold F. Shapiro, professor of business administration, to investigate the feasibility of

developing a computer-based education laboratory for actuarial science, insurance, and related areas.

Penn State Harrisburg

Louise E. Hoffman, associate professor of humanities and history, to conduct research linking psychological studies of Germany and Nazism made during World War II with post-war psychological theories of social events.

Mehdi Khosrowpour, associate professor of information systems, to collect materials for a comparative study of information systems management practices in Yugoslavia, France, Jamaica, and Iran.

Robert F. Munzender, associate professor of public administration, to complete a book on the physical and mental health effects of burnout in organizations, at the University of Georgia, Athens.

School of Communications

Mary S. Mander, associate professor of communications, to write a cultural history of the American war correspondent, 1895-1972, and conduct archival research in Washington, D.C., and Boston.

Continuing Education

Walter F. Fullam, director of continuing education (Berks Campus), to complete a master of management degree.

College of Earth and Mineral Sciences

Alan M. MacEachren, associate professor of geography, to complete a book on the theoretical principles of map symbolization and design and to investigate the role of scientific visualization in geographic and earth science applications.

Alfred Traverne, professor of palynology, to pursue research on spore complexes in Devonian rocks, at the Senckenberg Natural History Museum, Frankfurt, Germany, and in Liege, Belgium.

Brenton M. Yarnal, associate professor of geography, to complete a book on synoptic climatology and begin research on integrating synoptic climatology and geographic information systems.

College of Education

Paul V. Bredeson, associate professor of education, to conduct research on leadership in restructured public schools.

Donald B. Keat II, professor of education, to study the multimodal approach to counseling of children at locations in the United States and the United Kingdom.

James W. Kelz, professor of education, to study the utilization of advanced technology in the rehabilitation of the severely disabled, at various rehabilitation services in the United States.

John D. Swisher, professor of education, to study new statistical approaches to longitudinal data involving theoretical variables that contribute to substance abuse.

Yoshiomitsu Takei, associate professor of education and sociology, to conduct research on the relationship between Japanese-American, Caucasian, African-American, and Hispanic

American adolescents and their parents in Los Angeles.

James W. Tawney, professor of special education, to conduct research on technologies for challenged individuals and to work on a book-length manuscript on technology, education, and the future.

College of Engineering

L. Eric Cross, Evan Pugh professor of electrical engineering, to assist in establishing a new ferroelectrics research and technology group at the Ecole Polytechnique in Lausanne, Switzerland.

Ronald P. Danner, professor of chemical engineering, to study the thermodynamics of polymer solutions, electrolyte solutions, and biological systems, at the Technical University of Denmark, Lyngby.

Paul T. Hulina, associate professor of electrical engineering, to serve as a program director in the Microelectronics Information Processing System Division at the National Science Foundation.

John S. Lamancusa, associate professor of mechanical engineering, to develop strategies for the optimal design of quasi-periodic structures at the Research Laboratory for Applied Structural Optimization, University of Siegen, Germany.

Raymond Luebbers, associate professor of electrical engineering, to conduct research on the extension of finite difference time domain methods to new applications and materials, at Tohoku University, Sendai, Japan.

Alvin Sinka, associate professor of mechanical engineering, to conduct research on the dynamics and control of intelligent/adaptive structures, at the Massachusetts Institute of Technology.

Hubert C. Smith, assistant professor of aerospace engineering, to participate in an exchange of approaches on methods of incorporating design into an aerospace engineering curriculum, at Embury-Riddle Aeronautical University, Daytona Beach, Fla.

Chi-Chung Yang, associate professor of electrical engineering, to conduct experiments on ultratrans phenomena in optical fibers and to pursue research on semiconductor lasers, at AT&T Bell Laboratories, Murray Hill, N.J., and the University of Central Florida.

College of Health and Human Development

Collins O. Airienhbuwa, assistant professor of health education, to conduct research examining beliefs and practices in African cultures relative to patterns of health knowledge acquisition and health seeking behaviors, at Johns Hopkins University and the World Health Organization, Geneva, Switzerland, and Brazzaville, Congo.

Diana R. Dunn, professor of leisure studies, to study the contemporary mission convergence and divergence of park and recreation management organizations in government agencies, and park, recreation and leisure studies programs in universities.

Patricia Farrell, associate professor of leisure studies, to conduct research on the role of leisure and the economic impact of tourism and leisure services, at the Soviet Union, at the Institute for Socio-Economic Problems, Leningrad.

Lynne V. Feagans, professor of human development, to complete studies on language and the transition to school, and on the health of children in day care.

Thomas A. Frank, professor of audiology, to conduct research on objective measures of hearing loss in the elderly and on the influence

Continued on the next page.

s of Absence

of background noise on hearing testing, at the University of Florida Gainesville

Wesley A. Olsen, associate professor of exercise and sport science (Ogontz Campus) to complete research on the quality of sleep by comparing methodologies which adjust time intervals between practice sessions.

Marshall W. Rafael, professor of health policy and administration, to conduct research for a book on health services in Central and Eastern Europe

Elwood L. Shaffer, professor of hotel restaurant and institutional management, to develop mathematical models to forecast the demand for nature-oriented and high-risk adventure tourism activities in the Caribbean.

Michael A. Smyer, professor of human development and associate dean for research and graduate studies, to study legal and social science perspectives on the competency of older adults at the University of Queensland, Australia.

Lucy C. Yu, associate professor of health policy and administration, to conduct research on aging using data from the National Center of Health Statistics Interview Survey, at Johns Hopkins University.

College of the Liberal Arts

Bernard Asbell, associate professor of English, to write a book-length narration of a major bioeconomics discovery.

Stephen J. Beckerman, assistant professor of anthropology, to write a book titled *The Ecology of the Bar*.

Thomas W. Benson, professor of speech communication, to investigate the rhetoric of the modern American presidency, with special emphasis on the role of speech writers and institutional routines.

Russell C. Brignano, associate professor of English (Beaver Campus), to conduct research on baseball fiction, autobiography, commentary, and literary criticism written in the 1980s and their relationship to American culture.

Robert E. Burkholder, associate professor of English, to complete manuscripts on Ralph Waldo Emerson's concept of history, the history of Emerson criticism, and a 10-year update of *Emerson, An Annotated Secondary Bibliography*.

Christopher Clausen, professor of English, to continue work on a series of studies on social and individual aspirations in Victorian England.

Frank Clemente, professor of sociology and head, Department of Sociology, to complete a monograph on the socioeconomic aspects of radioactive waste management.

Patricia Draper, associate professor of anthropology, to complete a book titled *Age and Aging in the Kikuyu*, and to continue an analysis of demographic data collected in Botswana.

Bill C. Ellis, associate professor of English and American studies (Hazletton Campus), to conduct research on the origins of satanic cult rumors in English and American culture from 1950 to 1980 at several sites in the United States and in London.

Earl E. Fitz, professor of Portuguese, Spanish and comparative literature, to complete a book on Brazilian author Clarice Lispector.

Joseph C. Flay, professor of psychology to develop a universal theory of spacetime which will apply not only to nature, but also to the psychological, social, and historical dimensions of reality.

Richard L. Garner, associate professor of history, to conduct research for a book titled *A Power on the Latin American Cultural Economy: at the Center for Latin American Research and Documentation*, Amsterdam.

Martha T. Halsey, professor of Spanish, to write a monograph titled *Abnormal Psychological Phenomena in the Theater of Adriano Bazzani Valente*.

Robert E. Harkavy, professor of political science, to prepare a book-length manuscript titled *Levens of Robert Marx in His Third World*.

Henry C. Harpending, professor of anthropology, to conduct analyses of mitochondrial DNA variation in Southern African populations, and to complete a collaborative project on the theory of evolution in the presence of heritable resources.

Irene E. Harvey, associate professor of philosophy, to continue work on the third volume of an historical treatment of exemplarity, at Ecole des Hautes Etudes en Sciences Sociales, Paris.

Gerard A. Hauser, professor of speech communication, to complete a book-length manuscript on the relation of rhetoric to the formation of politics.

Catherine A. Hebert, assistant professor of French (New Kensington Campus), to complete a bio-bibliographical study of two 18th-century French printers in Philadelphia.

Thomas F. Juravich, associate professor of labor studies and industrial relations, to examine the evolution of the concept of workers' culture in 20th-century America.

Manfred E. Keune, associate professor of German, to conduct a study titled "In Search of a Homeland: Gunter Kunert's Poetry and the Reconstruction of the Discourse of German Lyrical Poetry after World War II" at Princeton University and the Deutsche Literaturarchiv, Marbach, Germany.

Ellen A. Knott, associate professor of English (Ogontz Campus), to prepare an intercultural reader for students in developmental English and journal articles on critical thinking.

Richard Kopley, associate professor of English (DuBois Campus), to facilitate research and writing for the editing of Vol. 9 of *Collected Writings of Edgar Allan Poe*.

David R. Lichterman, professor of philosophy and classics, to complete research on a book titled *The Sovereignty of Consciousness: A Genealogy of Modernity Part II*.

Nancy S. Love, associate professor of political science, to complete a book which reconceptualizes the relationship between democracy and power.

Robert J. Maddox, professor of history, to complete a book-length manuscript on the dropping of atomic bombs on Japan at the end of World War II.

Christiane P. Makward, associate professor of French, to complete a dictionary of women writers in French and two projects on French-Swiss writer Corinne Billé in Paris.

Bruce A. Murphy, professor of political science, to complete research and write a biography of Supreme Court Justice William O. Douglas.

Keith E. Nelson, professor of psychology, to conduct research on children's communicative development, at Vanderbilt University and in Gothenburg, Sweden, and Brussels, Belgium.

Stanley J. Nowak Jr., assistant professor of Spanish, humanities, and social science (Allentown Campus), to conduct research and write a critical analysis of the *Escritos de Torres* in their pictorial new edition.

Robert E. O'Connor, associate professor of political science, to conduct research for a book on hazardous waste policy and the new federalism, in Washington, D.C.

Ernst Schauer, professor of German and head, Department of German, to conduct research for a book-length study titled *Bildet Literatur: Economy, Drama in the Modern German Stage* at the German Literary Archives, Marbach, Germany.

Mel Seesholtz, associate professor of English (Ogontz Campus), to conduct a study titled *The Technology of Evolution* on the literary sources and

cultural influences shaping the technology of virtual reality.

Thomas R. Smith, assistant professor of English (Schuylkill Campus), to complete a book-length manuscript *Translating Lucan: English-Latino* (from *Vulgate to Modern Times*).

Renee H. Steffenman, assistant professor of sociology (Allentown Campus), to compare work-family patterns for male and female childless justices in Pennsylvania.

Frederick J. Stefan, assistant professor of history (Wilkes-Barre Campus), to write a monograph on the history of the Thomas Indian School, an orphanage for American Indian children in Western New York.

Marlene B. Vallin, assistant professor of speech communication (Berks Campus), to write a collection of essays on Mark Twain's contributions to rhetorical theory, oral interpretation theory and public address.

Stanley Weintraub, Evan Pugh professor of arts and humanities, to conduct research on a biography of Benjamin Disraeli.

Beno Weiss, professor of Italian, to prepare a study of the life and contributions of Italian humanist Polydore Vergil, and a translation of *De Inventis*, Roman.

Kenneth M. Weiss, professor of anthropology and genetics, to complete a monograph on the genetics of human disease and to obtain additional training in molecular genetics, methods and data analysis.

Molly M. Wertheimer, assistant professor of speech communication (Hazletton Campus), to conduct a study titled *The Transformation from Debutante to Indulgent Forces of Reasoning in 18th-Century Britain and Austria*.

Monique Yayri, associate professor of French, to continue work on a book titled *Notes of Modern Art: Literature, Painting, Architecture, Film*.

J. Jerome Zolten, assistant professor of speech communication (Allentown Campus), to complete a book-length study on the impact of mass-media comedy on racial stereotypes.

College of Medicine

Mary K. Howett, associate professor of microbiology and immunology, to study the properties of normal and neoplastic epithelial cells, at the National Cancer Institute, Bethesda, Md.

Harriet C. Isom, professor of microbiology and immunology, to conduct research on the use of biliary epithelial cells to study neoplastic progression mediated by human oncogenes, at the Medical College of Virginia, Virginia Commonwealth University.

Lawrence I. Sinoway, associate professor of medicine, to study skeletal muscle afferent recording techniques in animals.

Richard B. Tenover, professor of medicine and microbiology and immunology, to conduct research on the expression of markers of neuronal and glial cell expression subsequent to injury, including after viral infection, at University College, London.

Clifford W. Zwillich, distinguished professor and chief, Pulmonary/Critical Care, to develop new methods of measuring the control of breathing in patients with obstructive sleep apnea.

Eberly College of Science

Michael G. Akritas, associate professor of statistics, to conduct research on robust bounded influence analysis of regression models in medicine and astronomy.

Joel Anderson, professor of mathematics, to conduct research on group theory and analytic aspects of operator algebras at the Berkeley and Santa Barbara campuses of the University of

California

G. Jørgen Babu, professor of statistics, to study the applicability of Edgeworth expansion to the bootstrap methodology.

Andrew G. Clark, associate professor of biology, to conduct research in the field of molecular evolutionary genetics at the University of California, Davis.

John W. Dawson Jr., professor of mathematics (York Campus), to write a scientific biography of Isaac Newton.

Lloyd M. Jackman, professor of chemistry, to perform dynamic nuclear magnetic resonance experiments at low temperature and high field, and to gain experience in the techniques of low-temperature cryoscopy.

J. Alfredo Jimenez, associate professor of mathematics (Hazletton Campus), to conduct research in the analysis, differential geometry and representation theory of Lie groups, at the Mathematics Institute University of Warwick, United Kingdom.

Ram P. Kanwal, professor of mathematics, to study the mathematical theory of generalized functions, at University of Innsbruck, Austria.

Jeffrey S. Lannin, professor of physics, to perform measurements of the atomic scale size and shape distribution of nanoscale clusters on surfaces, at the National Center for Electron Microscopy, Arizona State University.

Luen-Chau Li, associate professor of mathematics, to conduct research on integrable systems theory.

Levys Mikalofsky, associate professor of chemistry (Berks Campus), to study the role of stress in aging, at Jefferson Medical College, Philadelphia.

Yeeb Miller, professor of computer science, to improve and extend the software supporting the Food and Drug Administration's *E. coli* data base information, at National Library of Medicine, Bethesda, Md.

James L. Monroe, professor of physics (Beaver Campus), to study the properties of multi-layered interaction and lattice spin models, at Virginia Polytechnic Institute and State University, Blacksburg.

Adrian Oceano, professor of mathematics, to conduct research on operator algebras at research institutions in Europe and Japan.

Benedict Y. Oh, associate professor of physics, to participate in an experiment (ZEUS Collaboration) of electron-proton collisions at the highest energy available, in Hamburg, Germany.

G. P. Paul, professor of mathematical statistics, to conduct research on statistical ecology and environmental statistics, and on statistical distributions in scientific work.

Allen J. Phillips, professor of biochemistry, to engage in molecular genetics research regarding the regulation of amino acid biosynthesis, at Stanford University.

Stephen G. Simpson, Shibley professor of mathematics, to conduct research in mathematical logic and the foundations of mathematics, at the National University of Singapore, Concordia and McGill universities in Canada, and the University of St. Louis, Italy.

David M. Wells, assistant professor of mathematics (New Kensington Campus), to develop teaching materials utilizing graphing calculators and to explore methods of implementation, at Ohio State and Clemson universities.

University Libraries

Diane L. Garner, associate librarian and head, Documents and Maps, to investigate collection development and user services for electronic numeric data bases in large academic libraries.

Focus on the arts

The arts on Channel 3

Brilliant new wave artist Michael Moschen combines juggling, physics, movement and dance on *Great Performances* at 12:30 p.m. Saturday, Jan. 26. Working in tandem with art-rock composer David Van Tieghem and sculptor John Kahn, Mr. Moschen creates a world of balls, rings, hoops and spheres that fly, float and spin with grace, humor and haunting beauty.

Frederick Lonsdale became one of England's most popular playwrights with a series of sparkling comedies about British lords and their naughty ladies. One of his comedies is *On Approval*, about two unmarried upper-class British couples who test the marital waters by living together for a month before deciding whether to marry.

A Broadway and London stage hit in the 1920s-27' season, it was tagged "spicy and naughty," appellations which undoubtedly added to its box office success. Today's viewers, mired to much more explicit exercises, will probably not bat an eyelash when the TV dramatization reprises nationally on *Mistery Theatre* at 9 p.m. Jan. 27 as part of the "Twentieth Anniversary Favorites" celebrating two decades of the PBS drama series.

Photo exhibit

A photographic exhibition titled "Abstracting the Landscape: The Artistry of Landscape Architect A.E. Bye" opens Sunday, Jan. 27, and runs through March 30 at the Palmer Museum of Art at University Park.

Organized by the Department of Landscape Architecture in conjunction with the museum, it is the first interpretive exhibition to feature the work of a single design practitioner.

A 1942 graduate of Penn State, Mr. Bye received the 1982 Arts and Architecture Performing Arts Alumni Society Achievement Award. In 1980, he was named an Alumni Fellow by the Alumni Association and the Bracken Fellow by the Department of Landscape Architecture, an



Marylene Dosse will present her annual piano recital at 8 p.m. Jan. 30 in the Recital Hall, Music Building.

award that recognizes leading design professionals.

Bracken Lecture

"Keeping the Ground," a lecture by architect Sean West Sculley, opens the Department of Landscape Architecture's Bracken Lecture Series for the Spring Semester at 8 p.m. Tuesday, Jan. 29, in Zoller Gallery at University Park.

His lecture will focus on the work of landscape architect A.E. Bye and is presented in conjunction with the exhibition "Abstracting the Landscape: The Artistry of Landscape Architect A.E. Bye,"

currently on view in the Palmer Museum of Art.

Mr. Sculley is principal of Sean West Sculley and Associates, Architects, of New York City.

HUB Formal Gallery

Works of art, including lithographs, paper cuttings, and photographs, by Harriet M. Rosenberg are on exhibit at the Formal Gallery in the Hetzel Union Building at University Park until Feb. 3.

Ms. Rosenberg will give a public talk on her career as an artist at 7:30 p.m. Jan. 30 in the Gallery.

Piano recital

Marylene Dosse, professor of music, will present her annual piano recital at 8 p.m. Wednesday, Jan. 30, in the Music Building Recital Hall at University Park. The concert is free to the public.

The program will open with the premiere performance of *Fantasia* by Paul Miller, a faculty member at the Penn State Schuylkill Campus, followed by Brahms' *Variations on a Theme by Handel*. The second part of the program includes Chopin's *Nocturne in C sharp minor* and "Barcarolle" and Ravel's "Jeux d'eau" and piano transcription of "La Valse."

Odyssey on WPSU

"This is the Voice of Truth," the next episode of "Odyssey Through Literature," presents Ngugi Wa Thiong'o, Kenyan novelist, poet, and playwright, reading

from his work in Kikuyu and English and discussing why African writers must write in their native languages.

"Instead of being missionaries to the West," he tells host Leonard Rubinstein, "we should return literature to the people to whom it belongs."

"Odyssey Through Literature" is produced by the Department of Comparative Literature in the audio-production studios of WPSU-TV. It airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Bach's Lunch

Janet Louise Smith will perform in concert at 12:10 p.m. Thursday, Jan. 31, in the Eisenhower Chapel at University Park.

The 20-minute concert is part of the Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The program will feature Ms. Smith playing a piece by Gluck for solo flute. She will be joined by several other flutists for a portion of the program.

The audience is invited to bring a brown bag lunch to eat in the Informal Lounge after the performance. Coffee and tea will be provided.

Dance company

The Bill T. Jones/Arnie Zane Co. will perform their latest and most controversial work at University Park on Thursday, Jan. 31.

"The Last Supper at Uncle Tom's Cabin/ The Promised Land" will be presented at 8 p.m. in Eisenhower Auditorium by the Center for the Performing Arts.

The dance explores hot topics: religion, racism, love, death and sex. They converge in a spectacle of movement, theater and music, which ends with a vision of hope in "The Promised Land."

Mr. Jones created the work after his partner, Arnie Zane, died of AIDS-related lymphoma in 1988. It had its premiere in November at the New Wave festival in New York City and is being performed on a national tour.

"The Last Supper" is set to original music by Julius Hemphill. He and his World Saxophone Sextet will play the jazz/blues piece live for the performance.

Mr. Jones will give a pre-performance lecture in the Eisenhower Auditorium Green Room at 7 p.m. on the night of the performance. A post performance discussion will be held at noon Friday, Feb. 1, in the Hetzel Union Building Fishbowl.

Carpooler

Employees are looking for a carpooler from Philipsburg to University Park. Hours are from 8 a.m. to 5 p.m. Call Rita at 863-0302, or Val at 865-2165.

The arts at...

Penn State Erie

Celebrated harpist Yolanda Kondonassis will demonstrate her dynamic range at noon Monday, Jan. 28, in the Wintergarden at Penn State Erie. The Behrend College.

The performance continues the college's new chamber music program "Music at Noon: The Logan Wintergarden Series," which is free to the public.

Altoona Campus

Ira Bernstein will present "Steppin' Time," a dynamic performance of several forms of clogging, tap dancing, and step dancing at

the Penn State Altoona Campus on Tuesday, Jan. 29.

The performance begins at 7:30 p.m. in the Paul R. and Margery Wolf Kuhn Theater in the community Arts Center. The performance is open to the public, and tickets are \$3.

Fayette Campus

The Penn State-Fayette Campus is dedicating the week of Jan. 28 through Feb. 1 to the works of William Shakespeare.

Highlighting this week of cultural events will be a performance of Shakespeare's *Much Ado About Nothing*, by the New York based National Shakespeare Company on Tuesday, Jan. 29.

University Park Calendar

January 24--
February 3

Special Events

Thursday, January 24
Bach's Lunch Concert, 12:10-12:30 p.m., Eisenhower Chapel. Saxophone quartet.

Friday, January 25
Geog. Coffee Hour, 4 p.m., 319 Walker. Jerome Williams on "Ethnic Stereotypes in Advertising."
Pa. Dance Theatre. Gala performance, 8 p.m. Eisenhower Aud.

Saturday, January 26
Shaver's Creek. Wonders of Winter Walk, 1-4 p.m. Call 863-2000.
Center for the Performing Arts, 8 p.m., Schwab Aud. The Mozartean Players.

Sunday, January 27
Shaver's Creek. The Winged Hunters, 1-2:30 p.m. Call 863-2000.

Monday, January 28
Comp. Lit. Luncheon, 12:40-1:20 p.m., 101 Kern. Marcel Curran-Pope, Virginia Commonwealth Univ.
German Dept. Film Series, 8 p.m., 101 Chambers. *Hauptstadt Hotel*.
School of Music, 8 p.m., Recital Hall. Tuba-Euphonium Ensemble.

Tuesday, January 29
Professional Women at Penn State. Brown-Bag Lunch, 11:45 a.m., Fuzzell Room, Eisenhower Chapel.
Penn State Chapter of Educational Officer Personnel, noon, 110 Henderson Margaret Delmonico on "An Introduction to the PSECU."
Lecture, 7:15 p.m., HUB Assembly Hall Joseph P. Mack, Saatchi and Saatchi Advertising, on "Ethics in Advertising."
John R. Bracken Lecture Series, 8 p.m., Zoller Gallery. Visual Arts. Sean West Sealley architect, on "Keeping the Ground."

Wednesday, January 30
Science Writers Roundtable Series, 11:45 a.m. 313 Kern. Karen Freeman on "Biotechnology Reporting in Australia."
School of Music, 8 p.m., Recital Hall. Marylene Dose, piano.

Thursday, January 31
Bach's Lunch, 12:10 p.m., Eisenhower Chapel.
Janet Louise Smith, flute, and friends.
Center for the Performing Arts, 8 p.m., Eisenhower Aud. Bill T. Jones/Arnie Zane and Co.

Friday, February 1
Geog. Coffee Hour, 4 p.m., 319 Walker. Bob Newsham on "Smart Materials."

Saturday, February 2
Shaver's Creek. Ceteacan Cruise, 1-2:30 p.m. Call 863-2000.

Sunday, February 3
Shaver's Creek. The Unhuggables, 2-3:30 p.m.



Bill T. Jones/Arnie Zane and Co. will perform "The Last Supper at Uncle Tom's Cabin" of 8 p.m. Jan. 31 in Eisenhower Auditorium.

Call 863-2000
Center for the Performing Arts, 3 and 5 p.m.
Schwab Aud. "The Little Prince"

Public Radio

WPSU-FM 91.1
"All Things Considered," Monday-Friday, 5-9:30 p.m.; Saturday and Sunday, 5-9 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m.
"Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubenstein

Conferences

Continuing Education
Keller Building
Jan. 31, Pa. Bar Institute. Shirley Hendrick chair. Jerri Milson, coordinator.

Faculty with research interests in the life and health-related sciences (except for the Hershey Medical Center, which is excluded by program guidelines) are invited to submit proposals to the Biomedical Research Support Grant (BRSRG) program via research deans or the IRP director. The 12-month awards will range from \$5,000 to \$10,000 for individual investigators, and up to \$20,000 for more than one investigator

Seminars

Thursday, January 24
■ Fulbright International Lecture Series, 3:40-4:10 p.m., 222 Boucke Dr. James L. West on "Fulbrighting in Belgium and Cambridge."
Physics Colloquium, 3:40 p.m., 55 Osmond Lab. Dr. John J. Hall, National Institute of Standards and Technology, on "Precision Metrology Using New Ideas in Laser Technology."
Mechanical Engineering, 4 p.m., 103 Mechanical Engineering. Dr. Oscar Manley, U.S. Dept. of Energy, on "Approximate Inertial Manifolds and Effective Viscosity in Turbulent Flow."
Gerontology Center Colloquium, 4-5 p.m., 106 Mitchell. Mary L. Fennell, Larry D. Gamm, Diane Brannon on "Institutional Anchors in the Continuum of Care for the Rural Elderly," and Diane McLaughlin, Leif Jensen on "Employment, Adequacy and Employment Transitions Among Metro and Nonmetro Elderly: Implications for Health Status."

on a project.
Preference will be given for support to new investigators, investigators proposing pilot projects, and investigators with unexpected research requirements. The research proposed must be related to problems of human health.
Following a preliminary screening by the colleges or the IRP Director, awards will be recommended by a University faculty peer

Retirement Falls and Post-Retirement Poverty.
Monday, January 28
EFE, 4 p.m., 130 Davey Lab. Dr. Michael Schmidt, Yale, on "Status of Rare K Decays."
Tuesday, January 29
Chemical Engineering, 2:45 p.m., 140 Fenske Lab. Richard La Roche, Cray Research Inc., on "Chemical Process Engineering on Supercomputers."
Condensed Matter Physics, 4 p.m., 130 Davey Lab. Dr. Michael Swift, on "Quasi-Wetting and Capillary Condensation in Confined Lattice Cases."
Biology, 4 p.m., 8 Mueller. Andrew Ellington, Massachusetts General Hospital, on "Natural and Unnatural selection of RNA-Ligand Interactions."
Graduate Program in Nutrition, 4 p.m., 101 Althouse Lab. Dr. Arun Kilara, on "Enzymatic Modification of Whey Proteins and Their Functionality."
Thursday, January 31
Physics Colloquium, 3:40 p.m., 55 Osmond Lab. Dr. Ben Oh on "Compton Scattering with Gluons."
Computer Science, 4 p.m., 125 Whitmore Lab. Ding Zhu Du, Princeton, on "A Proof of Gilbert-Pollak Conjecture on Steiner Ratio."
Gerontology Center, 4 p.m., 106 Mitchell. Lute Baven on "Episodic Memory in Old Age: Encoding or Retrieval Difficulties?"

Exhibits

Chambers Gallery
School of Visual Arts. Undergraduate Photography Exhibition, through Feb. 8.

HUB Galleries
Formal Gallery
Harriet M. Rosenberg, lithographs, paper cuttings, photographs, through Feb. 3.

Palmer Museum of Art
Abstracting the Landscape: The Artistry of Landscape, through March 31.

Zoller Gallery
■ School of Visual Arts. Artists-Books, through Feb. 3.

TIPS

Information Penn State
Call 863-1231, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather, 234 Arts Line, 345 University Calendar, 456.

■ Reflects an international perspective

Biomedical research support proposals are being sought

committee. Final awards will be recommended by Charles L. Hosler, senior vice president for research and dean of the Graduate School. Faculty desiring further information should call their research deans or IRP directors.

The proposal deadline for submission to F.G. Ferguson, Centralized Biological Laboratory, is March 22. Awards will be announced April 24.

Faculty/Staff Alerts

Conflict of interest

Bylaws of the University Board of Trustees require that the following be published at least once annually

Disclosure of Potential Conflict of Interest by Employees of the University

Employees of the University shall exercise the utmost good faith in all transactions touching upon their duties to the University and its property. In their dealings with and on behalf of the University, they shall be held to a strict rule of honest and fair dealings between themselves and the University.

They shall not use their positions or knowledge gained therefrom in such a way that a conflict of interest might arise between the interest of the University and that of the individual. Employees shall disclose to the administrative head of the college or other unit in which they are

employed, or other appropriate superior officer, any potential conflict of interest of which they are aware before a contract or transaction is consummated.

Tuition grant-in-aid

Due to a change in the IRS tax law, effective Jan. 1, tuition grant-in-aid amounts for graduate level courses for employees and their spouses will no longer be subject to income taxes up to a maximum of \$5,250. Amounts over \$5,250 will be subject to taxation at normal rates and withholding on these amounts will occur during the months of November and December, and will be included as income on the employees' W2 form.

Tax changes

Effective Jan. 1, the base salary on which the FICA Tax (Social Security Tax) is levied will change. The FICA tax of 7.65% is actually comprised of two parts: a social

security tax of 6.2% and a medicare tax of 1.45%.

Currently, the base salary is the same for each of these taxes at \$51,300. The base will change to \$53,400 for Social Security and to \$125,000 for Medicare. The maximum for Social Security Tax will be \$3,310.80 (\$53,500 x 6.2%), up from \$3,180.60; and the maximum for Medicare tax will be \$1,812.50 (\$125,000 x 1.45%), up from \$743.85.

The employee's W2 form shows only the FICA total, which is a combination of these two amounts. This is listed in a box titled "Social Security Employees Tax Withheld." The total maximum FICA amount for 1991 will be \$5,123.30.

Inn parking

On Oct. 17, the Nittany Lion Inn parking lot was closed due to the start of construction renovations at the Inn.

All parking adjacent to the Inn has been

suspended, although access for registration and drop off will be maintained through the main entrance, with access via Atherton Street. Parking for overnight guests of the Inn will be accommodated in the Inn Overflow lot near the Keller Conference Center. Permits will be issued at guest registration.

Parking for meal and meeting guests will be provided in the upper level of the Parking Terrace. Permits for these guests will be issued from the parking booth directly in front of Keller. Access is via North Allen Road by Business Administration Building.

Limited parking for faculty and staff attending functions at the Inn also may be accommodated in the upper level of the Parking Terrace. Permits issued from the parking booth in front of Keller will be required. Validation by the Inn will be required to authorize free parking.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonsupport have been approved by the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304. Applications for these staff vacancies will be accepted until Jan. 31. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications to staff vacancies are considered in accordance with Fair Employment Practices (FES) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law) sex or status as a disabled or Vietnam era veteran.

■01266, Medical Technologist, Student Services, University Health Services, University Park Campus - Responsible to the senior medical technician for the performance of a variety of standardized laboratory tests and procedures. Requires bachelor's degree and ASCP certification or equivalent plus three to six months of effective experience. Must be proficient in venipuncture technique. This is a

NINE MONTH APPOINTMENT
STAFF GRADE 4

■01267, Director of Student Affairs, Administrative Operations, Penn State Harrisburg - Responsible to the associate provost administrative operations for serving as chief student affairs officer and assuming responsibility for the overall operation of student affairs at Penn State Harrisburg. Requires master's degree, or equivalent in student personnel services, public administration, higher education or related field plus four to seven years of progressively responsible management experience in student affairs. A doctorate is preferred. STAFF GRADE 4

■01268, Training Specialist, CES, York Campus - Responsible to the area representative for coordinating and facilitating a variety of activities related to the implementation of the educational training program of the International Association of Machine and Aerospace Workers. Requires bachelor's degree or equivalent in education or related field plus one to two years of effective experience in training and educational services partnership administration. This is a FIXED TERM POSITION, FUNDED UNTIL JUNE 30, 1991, WITH POSSIBILITY OF RE-FUNDING. STAFF GRADE 5

GRADE 5

■01269, Assistant Director of Student Programs and Services, CES, Mont Alto Campus - Responsibilities include career and personal counseling, new student orientation, student retention and academic support services and creation of various departmental publications. Requires master's degree, or equivalent, in student personnel administration counseling or related field plus one year up to and including two years of effective experience. THIS IS A FIXED-TERM POSITION FUNDED UNTIL DEC. 31, 1991, WITH POSSIBILITY OF RE-FUNDING. THIS IS A RE-ANNOUNCEMENT OF THE POSITION ANNOUNCED ON JAN. 10. ALL PREVIOUS BIDDERS MUST RE-APPLY. STAFF GRADE 7

■01270, Admissions Counselor II, CES, Ogontz Campus - Responsible to the director of academic affairs for coordinating and implementing the campus recruiting and admissions programs. Requires bachelor's degree or equivalent plus one to two years of effective experience in college recruiting, student personnel administration counseling or related area. STAFF GRADE 6

Hershey

For the following position vacancies apply directly to The Milton S. Hershey Medical Center. Attach resume with cover letter indicating the position vacancy code and forward to the Department of Human Resources, Hershey, or call the Hershey bid line at (717) 531-4531 by Jan. 31.

■13405, Certified School Psychologist, Department of Pediatrics - Responsible to the clinical psychologist within the Department of Pediatrics, for providing psycho-educational testing, analysis and evaluation for a pediatric patient population between the ages of 5 and 18 years. Requires a master's degree in a directly related field. Person shall be certified by the Commonwealth of Pennsylvania as a school psychologist and have several years prior experience in psycho-educational evaluations for children with mental retardation, learning disabilities, autism and behavioral problems. STAFF GRADE 8

■17098, Division Coordinator, Department of Medicine, Division of Cardiology - Responsible to the chief of the division for the performance of and assistance with a variety of administrative

duties to include supervision of clerical employees, preparation of various documents and efficient operation of the division. Requires a bachelor's degree or equivalent, plus one to two years of effective experience in the performance of administrative duties. Experience with personal computer applications desirable. STAFF GRADE 5

■16526, Medical Assistant, Outpatient Services - Responsible to the clinical head nurse or manager for providing assistance in health care services and for participation in administrative functions. An associate degree or equivalent in related field; BLS certification and up to 12 months of effective experience required. STAFF GRADE 2

■16499, Computer Operator, Information Systems - Responsible to the manager of the Medical Computer Center, College of Medicine, for monitoring and controlling electronic computers on established routines and for assisting department staff members as required. Two years of college or equivalent with one to two years of experience in data processing required. STAFF GRADE 4

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7317.

William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

January 24, 1991
Vol. 20, No. 18

LEAVES OF ABSENCE

* The 1991-92 leaves of absence are on pages 4 and 5.

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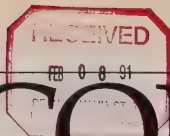
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INTERCOM



January 31, 1991

Volume 20, Number 19

Governor releases funds for University projects

University officials have expressed thanks to Gov. Robert P. Casey after his announcement of a capital investment program to stimulate Pennsylvania's economy, which includes a number of Penn State projects.

The governor released the funds for the construction of a coal de-sulfurization research center, the renovation and construction of agriculture science and industry facilities; major improvements at the University Park Airport, and the planning and design of the convocation/athletic convocation and events center.

"We are very pleased and grateful to the General Assembly for authorizing these projects and to the governor for releasing the funds," President Thomas said. "These much needed facilities will provide an on-going boost to the economy of central Pennsylvania and throughout the Commonwealth as well."

The agricultural science facilities (\$10,834,000) have been completely designed and will upgrade the poultry, dairy and swine facilities at the University Park Campus. This construction funded by the state represents part of the matching requirement for the federally funded agricultural sciences building.

The airport projects of \$1,086,000 represent the local share toward major expansion of the airport terminal and enhancements of the overall airport

'We are very pleased and grateful to the General Assembly for authorizing these projects and to the governor for releasing the funds,' President Thomas said. 'These much needed facilities will provide an ongoing boost to the economy of Central Pennsylvania and throughout the Commonwealth as well.'

operation, with the largest share of the funding coming from federal sources.

The coal de-sulfurization center at \$2,884,000 is for a facility to house research programs dealing with making coal a more competitive fuel source for future generations.

In addition, Casey released \$16.8 million for design and planning of the convocation and events center. The total state authorization for that project is \$33.8 million. The total cost of this project, after gifts, is estimated to be between \$50-\$55 million.

"The role of University generated funds in capital projects such as the academic/athletic convocation and events center is

increasingly important in moving them forward," President Thomas said. "We have pledged similar joint funding packages to encourage the Commonwealth to release design funds for the addition to Pattee Library and the construction of an engineering building at University Park, both critical, needed capital projects at Penn State. We believe that such joint partnerships will allow us to keep the momentum moving forward at the University during what we all recognize to be very difficult financial circumstances."

The academic/athletic convocation and events center has been in the planning stages for more than five years and will be used, in part, to house many functions now

taking place in Rec Hall, a facility built in 1929 which seats approximately 800. But the new facility will be much more than a place for intercollegiate athletics.

"We have planned for a multi-purpose facility one which addresses the inadequacies of current University facilities for academic convocations, cultural events, athletic events, conventions, concerts, alumni functions and other such events," President Thomas said. "It will serve a wide range of needs, from graduation ceremonies to NCAA championship events impossible to schedule now because of the limitations of existing facilities."

University officials estimated that the process of design and construction will take several years. Studies indicate that the facility will host more than 200 events a year within five years of the construction of the facility.

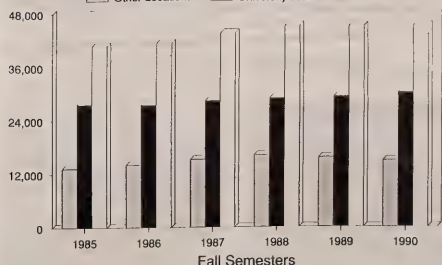
Once completed, the new center will be the largest such facility between Pittsburgh and Philadelphia.

The last state-funded building for Penn State's University Park campus, the Walker Building, was constructed in 1974. Penn State hopes that funding for other key projects will follow.

President Thomas also said the support and commitment that Penn State is receiving from the commonwealth will ensure the University's place as a leader in the higher education community.

BACCALAUREATE DEGREE ENROLLMENT

Other Locations University Park Total



President Thomas discusses budget recycling with Senate

All University units are being asked to recycle some budget funds to meet the budget cuts made by Gov. Robert Casey, President Thomas told members of the University Faculty Senate on Jan. 22.

"We must all work together to keep Penn State on course through this difficult situation," he said.

The impact of the governor's budget cuts on the University's operating budget, seven months into the fiscal year, is equivalent to a 12-percent reduction in funding, he added. Gov. Casey's blueprinting of the state's capital budget also has a severe impact on the University.

The war in the Persian Gulf is further clouding Pennsylvania's and the nation's economies, President Thomas said.

"In the face of these kinds of fiscal exigencies, planning becomes all the more

important." He noted that in spite of current budgetary constraints, some University programs will continue to grow and expand, while other new programs will have an opportunity to develop.

Budget recycling and other temporary measures designed to cope with the reduced state funding will not damage academic quality, he said.

In addition, President Thomas reported on the NCAA's approval of a package of reforms proposed by the President's Commission on Intercollegiate Athletics. He noted that much of the reform package will have no impact on the University's intercollegiate athletic practices.

He also updated the Senate on the progress of the searches for the executive vice president and provost and the senior

See 'Senate' on page 3.

Focus on Diversity

Dow grant assists young minority professors

The Dow Chemical Co. Foundation has committed \$150,000 to help the College of Engineering attract talented minority individuals to academic careers.

The gift establishes the Dow Young Minority Investigator award and provides \$50,000 a year for three years to support the research activities of young minority professors.

"The dilemma is that we are becoming a nation of scientific illiterates at a time when the need for technological expertise is accelerating," James Plonka, Dow Chemical's director of research and development, said.

"With the changing composition of the work force, it is increasingly important to educate minority engineers and scientists. It's a multifaceted problem that all segments of society have to work together to solve. Corporate support for institutions that teach

people science and for minority educators is an important piece of the puzzle."

The Dow award, modeled on the successful National Science Foundation Presidential Young Investigator program, helps Penn State to recruit and support minority faculty members.

Lance Collins, assistant professor of chemical engineering, is the first recipient of the Dow Young Minority Investigator award. He previously held a post-doctoral position at Los Alamos National Laboratory and specializes in fluid mechanics and combustion research.

"Dow's support was very much a part of my decision to move to academia," he said. "The Dow award allows me to pursue research and publishing more vigorously and, at the same time, to be involved in service-type activities."



Lance Collins

Diversity Opportunities Calendar

Thursday, Jan. 31

Contemporary Scholarship on Lesbian and Gay Lives, 8 p.m., Eisenhower Auditorium. Dance performance: "Last Supper at Uncle Tom's Cabin/The Promised Land."

Friday, Feb. 1

Contemporary Scholarship on Lesbian and Gay Lives, 7 to 9:30 p.m., 123 Chambers. Film: "Tongues Untied: Black Men Loving Black Men." A discussion will follow.

Paul Robeson Cultural Center, 7 p.m., Robeson Center Auditorium. Talent show: "Nite at the Apollo."

Saturday, Feb. 2

Office of Minority Faculty Development, 9-30 a.m., 114 Kern Graduate Building. "The Process of Being Published," first in a series of faculty development workshops. For reservations, call Leah Witzig at 863-1603.

Paul Robeson Cultural Center, 2 p.m., Robeson Center Auditorium. Communal dinner.

Paul Robeson Cultural Center, 8 p.m., Schwab Auditorium. Gospel concert.

Monday, Feb. 4

Office of Minority Faculty Development, 8 a.m. to 5 p.m., 114 Kern. "External Funding and Proposal Development," second in a series of faculty development workshops. Call Leah Witzig at 863-1603 for reservations and details.

Paul Robeson Cultural Center, 8 p.m., Robeson Center Auditorium. Presentation on correct usage of the Kente Cloth by Harriet Shiffer.

Achieving Women Project nominations sought

The Commission for Women is seeking nominations for the Achieving Women Project to recognize the accomplishments of women students, faculty, administrators, clerical, staff and technical service employees to be published in "Achieving Women at Penn State" and distributed on March 11 at the annual spring banquet.

"This project recognizes Penn State women at all levels," Dr. Mary DuPuis, chair of the commission, said. "We are

honoring a wide variety of achievement ranging from community leadership to academic honors."

Qualifications for recognition include: advocacy on behalf of women and children; appointments to a senior level position; artistic or creative endeavors; completion of 25 years of service at Penn State; or recipient of major fellowship or scholarship, among other criteria.

Application and recognition guidelines

are available at both the HUB and Kern information desks. Contact Trudy A. Smith, chair of the outreach committee, at (814) 865-1683 if you have further questions.

Nominations are no later than Feb. 8 and should be mailed to Achieving Women Project, Commission for Women, 405 Old Main, University Park, Pa. 16802. For more information on the banquet, call Ann Harpster at 863-0036.

Scholarship grant

The Office of Education Abroad Programs has received \$13,000 from the Equal Opportunity Planning Committee for minority scholarships for summer 1991.

The grant will help minority students who have been accepted for an Educational Abroad Program and who have financial need.

The deadline for applying for summer scholarships is March 1; for fall and academic year scholarships, Oct. 1.

Black History Month

WPSX-TV begins its celebration of Black History Month with the powerfully funny and controversial "The Colored Museum," airing at 9 p.m. Friday, Feb. 1, on *Great Performances*. George C. Wolfe's satirical comedy drama is an irreverent exploration of black stereotypes.

Eyes on the Prize, airing at 10 p.m. Monday, Feb. 4, through Wednesday, Feb. 6, and Monday, Feb. 11, through Wednesday, Feb. 13, documents the early years of the civil rights movement, in an encore presentation of the widely acclaimed six-part series.

Local productions highlighting this month's celebration include *Artworks* "Since the Harlem Renaissance: Fifty Years of African American Art" from the Palmer Museum of Art, airing at 1:30 p.m. Sunday, Feb. 3. This video exhibit focuses on the Harlem Renaissance of the 1920s, tracing the history of Black consciousness in American visual art.

Desmond Tutu at Penn State: Celebrating Our Freedom Together, airing at 2 p.m. the same day, will focus on Archbishop Tutu's 1989 visit to University Park.

Libraries award

Nominations are being sought for candidates for the 1991 University Libraries Award.

The award, consisting of a citation; a cash stipend, and a Nittany Lion Statue, is given in recognition of the achievements or performance of any person holding an academic or staff appointment in the University Libraries who meets one or more of the following criteria: Professional contribution which has a significant influence on the operations of the Penn State Libraries; significant professional contribution which earns the respect of the University community for the Libraries; significant contribution to the profession which reflects achievement in librarianship at Penn State; or outstanding service to the Libraries as shown by continuing leadership and innovation.

Nomination forms are available from the Libraries Administrative Office, E505 Pattee, or any Commonwealth Campus Library, and are due on or before Monday, March 4.

Cross-cultural counseling is conference focus

Some 115 counselors, advisers and administrators at University Park took part this month in a two-and-a-half-day conference focusing on cross-cultural counseling.

The "Training Conference for Cross-Culturally Effective Professionals," held at the Keller Conference Center, was co-sponsored by the offices of Career Development and Placement Services,

Counseling and Psychological Services, and the Division of Undergraduate Studies.

Featured speakers were Janet Helms, associate professor of psychology at the University of Maryland, who has researched, written and taught extensively on racial identity theory, and Paul Pederson, professor of education at Syracuse University, who has taught and written on cross-cultural counseling issues.

University faculty and staff members on the program included W. Terrell Jones, special assistant to the provost for underrepresented groups; Nancy Love, associate professor of political science and affiliate professor of women's studies, and Edwin Herr, distinguished professor and head of the department of Counselor Education, Counseling Psychology, and Rehabilitation Services Education.

Fleet Operations keeps traffic moving smoothly

Handling the more than 12,000 passenger vehicle trips made each year by University employees can be tricky logistically, but Fleet Operations keeps the traffic flowing smoothly.

"Demand for our service continues to grow," **Bruce Younk**, manager of Fleet Operations, said. "More employees are using University vehicles, rather than their own, because of rising fuel costs and other factors. We also like to think the quality of vehicles and service we offer has been a factor."

"As a result, the number of passenger vehicles dispatched has grown 35 percent since 1986," he said.

Since moving to new facilities behind the Physical Plant Building (off Park Avenue) in 1980, Fleet Operations is better prepared to meet growing University demands for its services, which involve daily and long-term rental of a wide variety of vehicles for University business, as well as chauffeuring and driver services for special University activities.

Fleet Operations dispatched 12,250 passenger vehicles last year at University Park. Passenger cars comprise most of the fleet of approximately 500 vehicles, which also includes passenger and cargo vans, police cars, mail trucks and



Campus Loop buses.

Mr. Younk explained that Fleet Operations, which is part of the Division of Business Services, purchases and maintains the largest fleet of vehicles used by faculty and staff members University-wide. It does not, however, control all University vehicles, some of which are owned outright by specific units.

"Centralization of the University fleet

services enables Penn State to save cost through volume purchasing and better control of maintenance costs. This centralized operation also allows the University to obtain better utilization of vehicles and provide a consistent policy for controlling the use of vehicles," he said.

In addition to handling short-term requests for vehicles, Fleet Operations assigns vehicles full time to departments

and other units which have completed its approval process.

Fleet vehicles are provided as a service to the University community, and the privilege should not be abused. Vehicles assigned to a unit for an extended period of time are authorized for use only in conducting University business. Mr. Younk points out. University travel policy prohibits their use for anything except University business. Vehicles are not to be used for shopping, personal errands, etc. This policy eliminates any appearance of impropriety in how these University-owned vehicles are used.

Short-term rentals can be scheduled from 7:30 a.m. to 4:30 p.m. Monday through Friday. Vehicles can be picked up and/or dropped off from 6:30 a.m. to midnight Monday through Friday and from 7 a.m. to 3 p.m. on weekends. Faculty and staff members can call Fleet Operations at 865-7571 or use campus mail to schedule a vehicle.

Vehicles provided to campuses are administered through the campus' financial office. He noted, for example, that the Hershey Medical Center has 30 Fleet Operations vehicles, and the Penn State Altoona Campus has 10 such vehicles.

Senate

Continued from page 1.

vice president for research and dean of the Graduate School. He has asked Charles L. Hostler to postpone his retirement until December 1991 to ensure a smooth transition when both posts have been filled.

Following the president's report, the Senate approved two legislative proposals dealing with academic policies.

Senators unanimously passed changes to Senate policy 57-00 involving readmission with academic renewal. The changes will enable students from Penn State and other institutions who have interrupted their academic careers for at least four years and who also had GPAs of less than 2.0 to petition to be readmitted to the University.

A small group of students who previously had had poor academic records were admitted to the University on a provisional basis in 1988. A majority of

these "special" provisional students have since attained GPAs of between 2.60 and 3.75. Their success led the Committee on Admissions, Records, Scheduling and Student Aid to extend academic renewal to more adult learners.

A second proposal by the committee to delete Senate policy 83-20 also was approved. The policy deals with special exemption procedures and advanced standing admission exemptions for physical education requirements.

Deletion of the Senate policy moves administration of physical education requirements to the General Education program, bringing current practice into line with General Education requirements. Exemption authority for physical education requirements will now reside with the dean of the college in which the student is enrolled, as is the practice for all other requirements.

University Libraries reduce hours

As a result of recent budget reductions across the University, the Libraries at University Park have announced a reduction in hours of service. Schedule changes took effect the week of Jan. 27.

The Libraries have made a concerted effort to minimize the impact on students by targeting these reductions for off-peak periods which include Friday evenings, portions of Saturdays, Spring Break, and Intercession. In addition, it has become necessary once again to close the entrance/exit of West Pattee.

In announcing the changes, Nancy Cline, dean of Libraries, emphasized that the 24-hour service in Pollock Library and the period of extended hours in Pattee and the branch libraries prior to final exams would not be affected by the budget cuts.

"We are keenly aware of the extent to which students and faculty depend upon the Libraries. It is unfortunate that hours must be reduced, but by announcing these changes early in the semester, we hope that

most users will be able to plan now to accommodate their research and study needs," she said.

Effective immediately and for the balance of the semester, Pattee and the branch libraries will close at 6 p.m. on Fridays. Saturday hours will be from 10 a.m. to 6 p.m.

During Spring Break, Pattee and the branch libraries will be closed on Sunday, March 3. On Monday, March 4, the hours will be 8 a.m. to 10 p.m. From Tuesday, March 5, through Friday, March 8, the hours will be 8 a.m. to 5 p.m. On March 9, hours will be 10 a.m. to 6 p.m. The regular semester schedule will resume on Sunday, March 10.

Intercession hours (May 12-June 7) for Pattee and the branch libraries will follow a schedule similar to that of Spring Break—Monday 8 a.m. to 10 p.m.; Tuesday through Friday, 8 a.m. to 5 p.m.; Saturday, 9 a.m. to 5 p.m.; and closed Sundays.

Statement from President Thomas

Much of the world is currently involved in conflict in the Persian/Arabian Gulf region. While emotions understandably run high, the response of the University community has largely been a positive one: an open exploration of the issues and honest expression of opinion.

For no groups do emotions run higher, nor are the anxieties greater than those far from home. Just as there are hundreds of Penn State students studying abroad, there are over two thousand international students on our campuses throughout the Commonwealth; many of them from nations involved on both sides of the conflict. This institution is represented well by the positive contributions to the dialogue made by these students, and by the acceptance of that diversity of opinion on the part of the University community. One hopes that our

students abroad are able to make the same contributions with similar results.

In such times of crisis, there are few things about which all parties can agree. One of these is that this conflict is a terrible development which we all hope will soon end. Another is that it will end, and that the imperative to build a peace will be enormously aided by the return to their native lands of those who have been exposed to other perspectives and who have been able to express openly their ideas in an atmosphere of open inquiry and shared humanity.

It is the earnest wish of The Pennsylvania State University that this conflict end soon, and that all of the members of our community continue to explore the issues it raises in a positive and constructive manner.

— President **Joab Thomas**

Focus on the arts

Kern Galleries

An exhibition of paintings by regional artist Jan Brenness is on display at the Kern Galleries at University Park through Feb. 6.

The arts on Channel 3

Corita Kent led a life of contradictions. She was a teacher and a revolutionary; an artist who symbolized hope despite her own tragedy: a nun who left the church at age 50 to find God—and herself.

Narrated by Eva Marie Saint, *Primary Colors: The Story of Corita*, airing at 12:30 p.m. Saturday, Feb. 2, probes the life of a uniquely gifted artist whose civil rights and anti-war statements became the voice of a generation.

The "Zeus, by Jove" episode of "I, Claudius" reprises on *Masterpiece Theatre* at 9 p.m. Sunday, Feb. 3, as part of "Twentieth Anniversary Favorites," a nine-week celebration of the drama series' two decades on PBS. Based on Robert Graves' two historical best-sellers, *I, Claudius* and *Claudius of God*, the TV series paints a portrait of limitless immoral and amoral political and social behavior.

Omnibus Quintet

The Omnibus Quintet from the Eastman School of Music will present a concert at 8 p.m. Saturday, Feb. 2, in the School of Music Recital Hall at University Park. The program will include quintets for winds and piano by Mozart and Beethoven.

Members of the quintet, which has performed in the "Concerts for Peace" at Eastman, include Mitch Imori, oboe; Christian Ellenwood, clarinet; Julie Pilant, horn; Erik Kibelsbeck, bassoon; and Jeff Swinkin, piano.

The Little Prince

"The Little Prince," Antoine de Saint-Exupéry's charming fable, will be performed at 3 and 5 p.m. Feb. 3 in Schwab Auditorium at University Park.

It is presented by the Center for the Performing Arts' Wide-Eyed Wonders, new children's series sponsored by People's National Bank.

With sets and costumes based on Exupéry's original drawings, the musical recounts the story of the Little Prince who comes from a tiny planet, no bigger than a house. He travels to Earth, where he meets



Harriet M. Rosenberg's lithographs, paper cuttings and photographs are on exhibit in the HUB Formal Gallery through Feb. 3.

a wise fox and learns what is essential in life.

Exhibit lecture

Reuben M. Rainey, associate professor of landscape architecture at the University of Virginia, will present the lecture "The Landscape Art of A.E. Bye" at 8 p.m. Tuesday, Feb. 5, in Zollner Gallery at University Park.

His presentation is the second in the Department of Landscape Architecture's Bracken Lecture Series.

Dr. Rainey will discuss the design principles in Mr. Bye's work and how the American and English landscape design traditions influenced it. Special attention will be given to Mr. Bye's respect for regional design precedent and his concern to work in harmony with the ecosystems of a particular site.

His lecture is presented in conjunction

with the exhibition "Abstracting the Landscape: The Artistry of Landscape Architect A.E. Bye," on view in the Palmer Museum of Art. The public is invited to view the exhibition following the lecture.

Odyssey on WPSU

"An artist doesn't have to be burdened by tradition. In fact, he can shift the burden backwards and influence his precursors," so says Lois Parkinson Zamora, an English professor from the University of Houston, on the next episode of "Odyssey Through Literature."

Ms. Zamora and host Leonard Rubinstein, professor emeritus of English and comparative literature, discuss how tradition and technique combine to create "expensive" artwork.

"Odyssey Through Literature" is produced by the Department of Comparative Literature in the audio-production studios of WPSU-TV. It airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Toshika Akiyoshi.

Centre Dimensions is directed by Dan Yoder, associate professor of saxophone and director of jazz studies. The concert is free to the public.

Chamber Singers

The Penn State Chamber Singers will perform in concert at 12:10 p.m. Thursday, Feb. 7, in Eisenhower Chapel at University Park. The 20-minute concert is part of the Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The program will preview the Chamber Singers' fifth annual "Celebration of Love" concert to be presented in Old Main Feb. 15 and 16. The singers will perform Britten's "Five Flower Songs," with selections by A. Gabrieli, Monteverdi, Elgar and Vaughan Williams.

Zoller exhibit

"Gender and Representation," an exhibit of work by 19 nationally and internationally known artists from the United States and Mexico, opens Feb. 9 and will continue through March 4 in Zollner Gallery at University Park.

The exhibition is presented in conjunction with the Women's Studies speakers series on gender and representation, which will present lectures on the same theme by six well-known feminists from the arts, literature and history.

In their work, the artists respond to the issues of gender identity, gender relationships and the interaction of gender issues with those of race and class.

Jazz collection

A gift of early 78RPM jazz recordings, the Edward J. Nichols Jazz Collection, has been presented to the Penn State Music Collection by Eleanor Nichols in memory of her late husband, who served the University for many years as a professor of English until his retirement in 1964.

Mr. Nichols was a lifelong enthusiast and careful collector of jazz recordings. His great interest was in the early jazz of the Dixieland era, through the 1940s. Kathleen Hefflinger, music librarian in the Arts Library, said that the Nichols Collection is particularly valuable to the Libraries since it complements the Clarence I. and Almeda R. Noll Record Collection of big band recordings of the 1940s and 1950s that was given to the Music Listening Room in 1985 by Mrs. Noll.

"Combining the Nichols early jazz gift with the Noll gift means that Penn State now has a jazz collection of over 3,600 sound discs representing the best in various types of jazz from its earliest recorded representations up through the 1950s," she added.

The arts at...

Ogontz Campus

The Penn State Ogontz Campus will host a retrospective exhibit of the works of the late Delaware County artist Timothy Marks. A selection of his landscapes and wildlife paintings will be on display Feb. 1 through Feb. 21, at the campus' Woodland Library gallery.

Hazleton Campus

Gisela McBride of McAdoo will exhibit 37 of her pastels and water colors in the library of the Penn State Hazleton Campus from Feb. 3 through March 1.

Many of the paintings are landscapes and flowers, but the exhibit will include some abstract paintings as well.

Centre Dimensions

Centre Dimensions, Penn State's jazz band, will present its annual spring concert at 8 p.m. Wednesday, Feb. 6, in the School of Music recital hall at University Park.

Selections will include big band styles ranging from traditional swing to contemporary funk with pieces that have been performed by such notable bands as Count Basie, Woody Herman and

University Park Calendar

January 31--
February 10

Special Events

Thursday, January 31
Bach's Lunch, 12:10 p.m., Eisenhower Chapel
Jinet Louise Smith, flute, and friends.
■ Education Abroad, 7:30-9 p.m., 222 Boucke
Todi (Italy) Summer Abroad information.
Center for the Performing Arts, 8 p.m.,
Eisenhower Aud. Bill T. Jones/Arnie Zane and
Co.

Friday, February 1
Geog. Coffee Hour, 4 p.m., 319 Walker Bob
Newman from "Smart Materials."
Saturday, February 2
Shaver's Creek, Catecaun Cruise, 1:20-3 p.m. Call
863-2000.
School of Music, 8 p.m., Recital Hall Omnisbus
Quintet, Eastman School of Music.

Sunday, February 3
Shaver's Creek, The Unhuggables, 2:30-3 p.m.
Call 863-2000.

Center for the Performing Arts, 3 and 5 p.m.
Schwab Aud. "The Little Prince."
Carnegie Hall Film Series, 7 p.m., Top Hat,
(1935), 8:45 a.m., *Black Narcissus* (1940), 108
Wartik. Free.

Monday, February 4
■ Comp. Lit. Luncheon, 12:40 p.m., 101 Kern.
Linda Ivantsova on "Myths of Dualistic Creation
in the Russian Village of the 1690s."
Healthy Loving Week, 7 p.m., HUB Assembly
Room. "Let's Talk About Sexual Etiquette."

Tuesday, February 5
Healthy Loving Week, panel discussion, 7 p.m.,
HUB Fishbowl. "Loving and Partnering in the
90s: Can You Have It All?", 7 p.m., HUB
Gallery Lounge. "Healthy Same Sex
Relationships."

■ Josephine J. Rhea Lecture on Italian Letters, 8
p.m., 101 Kern. Robert J. DiPietro, Univ. of
Delaware, on "Italian Americans and the
Concept of the Hero."
John R. Bracken Lecture Series, 8 p.m., Zoller
Gallery, Visual Arts Bldg. Reuben Rainey
Univ. of Va., on "The Landscape Art of A.E.
Bye."

Wednesday, February 6
Healthy Loving Week, noon, 102 Boucke. "What
Do Women View as the Ideal Relationship of
Choice?", 3:30 p.m., 122 Rietzner. Women's
Health Department, University Health Services
Open House, 7 p.m., HUB Gallery Lounge.
"Women: Learning to Love Ourselves?", 7
p.m., HUB Assembly Room. "AIDS and the
Black College Student."
School of Music, 8 p.m., Recital Hall. Centre
Dimensions. Univ. Jazz Ensemble.

Thursday, February 7
Bach's Lunch, 12:10 p.m., Eisenhower Chapel.
Penn State Chamber Singers.

■ Education Abroad Day, 1:5 p.m., HUB.
Healthy Loving Week, 4 p.m., Schwab Aud.
Lauren Burke shares her experiences coping
with the AIDS virus.
Friday, February 8
■ Geog. Coffee Hour, 4 p.m., 319 Walker. John
Kelley on "A Closer Look at Forest Decline in
Europe—A Field for More Accurate
Diagnostics."
■ Shaver's Creek, Conservation of Tropical
Rainforests, 7:30-9 p.m. Call 863-2000.

Saturday, February 9
Shaver's Creek, Owl Fowl, 7:30 p.m. Call 863-
2000.



A photo of the Hunter residence in Norwalk, Conn., is part of the photographic exhibit "Abstracting the Landscape: The Artistry of Landscape Architect A.E. Bye" in the Palmer Museum of Art.

Center for the Performing Arts, 8 p.m.,
Eisenhower Aud. "A Midsummer Night's
Dream," Pittsburgh Ballet Theater. Also Feb.
10, 3 p.m.
Sunday, February 10
Shaver's Creek, Environmental Unexplainables, 1-
2:30 p.m. Call 863-2000.
Carnegie Hall Film Series, 7 p.m., *It Happened One
Night* (1934), 9 p.m., *Pepys Tom* (1960), 108
Wartik. Free.

Public Radio

WPSU-FM 91.1
"All Things Considered" Monday-Friday, 5-6:30
p.m.; Saturday and Sunday, 5-6 p.m.; Morning
Edition, Monday-Friday, 6-8 a.m.; Weekend
Edition, Saturday and Sunday, 11 a.m.-1 p.m.
"Odyssey Through Literature," 12:30-1 p.m.
Wednesdays, with S. Leonard Rubinstein.

Center offers personal computer loaner program

Full-time faculty and staff members
considering institutional purchase of
Macintosh or PS/2 personal computer
systems and software can take advantage of
the Center for Academic Computing's
Microcomputer Loaner Program.
The program is designed to provide
University departments with risk-free
evaluation of the personal computer
systems.

Academic and administrative
departments considering the purchase of a

Conferences

Continuing Education

Keller Building
Feb. 5, Pa. Bar Institute: Buying and Selling a
Business. Feb. 7, Post-Mortem Estate Planning.
Shirley Hendrick, chair; Jerri Milson,
coordinator.

Seminars

Thursday, January 31
Physics Colloquium, 3:30 p.m., 55 Osmond Lab.
Dr. Ben Oh on "Compton Scattering with
Cluons."
Graduate Program in Ecology, 3:45 p.m., 8
Mueller Lab. Heidi M. Appel on "Evolution of
Herbivore Diets: Do Metabolic Costs Matter?"
Computer Science, 4 p.m., 325 Whitmore Lab.
Ding-Zhu Du, Princeton, on "A Proof of
Gilbert-Pollak Conjecture on Steiner Ratio."

Gerontology Center, 4 p.m., 106 Mitchell. Lyle
Bayen on "Episodic Memory in Old Age:
Encoding or Retrieval Difficulties?"

Monday, February 4

EPF, 4 p.m., 330 Davey Lab. Dr. Alan Sill
Rochester on "Results from the AMY Detector
at TRISTAN."

Tuesday, February 5

Condensed Matter Physics, 4 p.m., 330 Davey
Lab. Dr. Wolfgang Ketterle MIT on "Laser-
Induced Fluorescence Imaging of Combustion."
■ Biology, 4 p.m., 8 Mueller Lab. Neale L.
Bougher CSIRO Australia, on "Estomycorhual
Research in Australia."

Graduate Program in Nutrition, 4 p.m., 101
Allhouse Lab. Charles L. Hiesler on "Research
at Penn State and the Role of the Graduate
Program in Nutrition in that Research."

Thursday, February 7

Physics Colloquium, 3:30 p.m., 55 Osmond Lab.
Dr. David Ceperley Univ. of Illinois on "Path
Integral Picture of a Superfluid."
Gerontology Colloquium, 4 p.m., 106 Mitchell.
Jackie Witsenby on "Health and Living
Arrangement Transitions in Later Life."

Exhibits

Chambers Gallery

School of Visual Arts, Undergraduate
Photography Exhibition through Feb. 8

HUB Galleries

Formal Galleries
Harriet M. Rosenberg, lithographs, paper
cuttings, photographs, through Feb. 3

Kern Gallery

Jan Bremish paintings, through Feb. 6

Palmer Museum of Art

Abstracting the Landscape: The Artistry of
Landscape Architect A.E. Bye, through March
30

Zoller Gallery

■ School of Visual Arts, Artists-Books, through
Feb. 3
Gender and Representation, Feb. 9-March 4.

TIPS

Information Penn State

Call 863-1234 press 1 and enter the number of
the message you wish to hear. Messages are
listed in the front of the telephone directories.
Other messages are Weather-234, Arts Line-
345. University Calendar-430

■ Reflects an international perspective

program does not extend to faculty or staff
considering a personal purchase of a
computer system.

Further information regarding the CAC
Microcomputer Loan Program may be
obtained by contacting Jeff Rich, John
Kalbach or Gerry Santoro at the CAC
Microcomputer and Personal Workstation
Support Group, 12 Willard Building,
University Park, (814) 863-4350.

Appointments

John Barnes, admissions officer at the Penn State Wilkes-Barre Campus, since 1989, has been appointed assistant director of student programs and services at the campus.

Mr. Barnes, a Penn State alumnus, joined the University staff in 1984 as a counselor at the Penn State Hazleton Campus. He then served three years with the Counseling and Academic Skills Development Unit at University Park, and later as coordinator of the Office of Minority Programs for the College of the Liberal Arts.

Mr. Barnes holds three Penn State degrees, an associate degree in letters arts and sciences from the Wilkes-Barre Campus, a bachelor's degree in community

development and a master's degree in public administration.

He is in this year's class of Leadership Wilkes-Barre. He received an Outstanding Young Men of America Award in 1986 and has been recognized for establishing the Penn State Chapter of the National Association for the Advancement of Colored People (NAACP).

Anna M. Griswold, director of the Office of Student Financial Aid at Washington State University, has been named assistant vice president for student financial aid, effective March 18.

Ms. Griswold will oversee a \$182 million student financial aid program at 20 campuses, including the supervision of a

professional and clerical staff of 61, liaison and coordination with federal, state and institutional agencies, and the development of institutional policies and procedures. She will report directly to Robert Dunham, vice president and vice provost.

She has served as director of student financial aid at Washington State University since 1988, having joined the office in 1980. Prior to that, she had been employed at several colleges and the U.S. Office of Education in the field of student financial aid.

A resident of Colton, Wash., she earned a B.A. degree in sociology from Siena College and a master's degree in education, guidance and personnel services with an emphasis in higher education administration

from Memphis State University.

Among her activities, Ms. Griswold is a past president of the Washington Financial Aid Association and an active member of the Western Association of Student Financial Aid Administrators and National Association of Student Financial Aid Administrators. At Washington State, she served on many committees, including the Division of Minority Affairs Advisory Committee and the Enrollment Management Committee.

Lorraine M. Mulfingher has been named coordinator of the Office for Regulatory Compliance.

Her major responsibility is to see that all University campuses comply with governmental policies and regulations for use of human subjects in research and instruction, care of laboratory animals, and use of radioactive isotopes and biohazardous agents in the laboratory or classroom.

Dr. Mulfingher holds a Ph.D. in veterinary science, with a minor in biochemistry, from Penn State. From 1982 until joining the University staff, she worked as quality control coordinator at Vespa Laboratories, Spring Mills, Pa., the only producer of insect venoms in the world. At Vespa, she conducted research into a peptide in bee venom that may improve antibiotic performance and is co-holder of a patent on that process.

From 1978 to 1982, she was a research aide in biochemistry at Penn State and from 1978 to 1979, she served as laboratory instructor in microbiology.



John Barnes



Anna M. Griswold



Lorraine M. Mulfingher

News in Brief

Inn food service

During the next four months of construction and renovations, the Nittany Lion Inn is continuing to offer food services to hotel guests and the general public.

The dining room is open as usual Monday through Friday from 7 to 10 a.m. for a continental breakfast buffet. The weekday luncheon buffet features hot and cold dishes from 11:30 a.m. to 1:30 p.m., and hotel guests may order dinner from a special light fare menu, served from 6 to 8:30 p.m.

For breakfast or lunch reservations, call dining room supervisor Janet Brannan at 231-7515.

Education Abroad Programs

The deadline for applying for spring 1992 Education Abroad Programs is March 1.

Education Abroad Programs are offered in a variety of disciplines in Australia, Egypt, England, Germany, Greece, Israel, Italy, Kenya, Puerto Rico and Spain.

For more information, stop by 222 Boucke Building or call 865-7681.

Smokers Anonymous

The State College Smokers Anonymous group meets at noon Thursdays at the Senior Center, 131 Fraser St.

Those who can't "just do it alone" and who have trouble "staying quit" are invited to attend.

Josephine Rhea Lecture

Robert J. Di Pietro, professor of linguistics at the University of Delaware, will speak on "Italian Americans and the Concept of the Hero" at 8 p.m. Tuesday, Feb. 5, 101 Kern Building at University Park.

His lecture is sponsored by the Department of Spanish, Italian and Portuguese as part of the Josephine J. Rhea lecture on Italian Letters and is open to the public.

Healthy Loving Week

The Office of Health Promotion and Education, University Health Services, a

division of Student Services, is sponsoring its annual Healthy Loving Week Feb. 4-8.

The highlight of the week's activities will be the visit of Lauren Burke, a young woman infected with HIV, the virus which causes AIDS. She is scheduled to speak at 8 p.m. Thursday, Feb. 7, in Schwab Auditorium.

Education Abroad Day

The Office of Education Abroad Programs is sponsoring an Education Abroad Day from 1 to 5 p.m. Thursday, Feb. 7, in the Hetzel Union Building at University Park. The event is open to anyone interested in study-abroad opportunities.

Pattee cassette tour

The University Libraries now offer a self-guided audio cassette tour of Pattee Library, developed by **Henriette Nixon**, assistant librarian and the project's coordinator, with **Lynne Stuart** and **Irene Weiner**, assistant librarians.

The 45-minute, self-guided tour was developed as an alternative to the guided tours offered by library personnel at the beginning of each

semester. If you miss these tours, you can now take the Pattee Library self-guided tour anytime during regular library hours. A current student ID or driver's license is required to sign out the tour at the Information Desk located in the LLAS Catalog Room.

New Researcher Award

Primary and secondary school teachers, graduate students and college and university faculty members are invited to submit research papers in education for the annual Phi Delta Kappa New Researcher Award Competition.

Sponsored by the Alpha Tau Chapter at Penn State, the award recognizes new researchers in experimental, descriptive or historical studies in education. The award winner will receive \$250 and a certificate.

Candidates must have a bachelor's or master's degree or have received their doctorate within the past three years, but they do not need to be members of Phi Delta Kappa.

For more information, contact

William M. Farnsworth, (814) 862-0828, 216 Shields Building, University Park, Pa. 16802.

Partings



Robert T. Clappier



George A. Etzweiler



Joanne Zagst Feldman



Leonard Feldman



Richard Mayhew

Robert T. Clappier, director of student programs and services at the Penn State Gontz Campus, has retired after 24 years service.

Recognized for his rapport with and support of students, he was awarded their highest honor, being named Chief Gontz, in 1984.

Mr. Clappier earned both his bachelor's and master's degrees at the University of Pennsylvania, and for five years served as that institution's assistant dean of men. He accepted the position as admissions officer at the Gontz Campus in 1967.

George A. Etzweiler has retired as associate professor of electrical and computer engineering after 32 years service. Dr. Etzweiler began his career at the University in 1957 as an instructor in electrical engineering. Prior to coming to Penn State, he worked as an electrician for Lewistown Electric, an instructor for the U.S. Navy Fire Control School and an engineer for Litton Industries.

A three-time recipient of the College of Engineering Outstanding Advisor award, Dr. Etzweiler says the aspect of his job he enjoyed most is teaching. He also was the course scheduling officer in electrical engineering for 23 years from 1964 to 1987.

He earned a bachelor of science, a master of science, and a Ph.D. in electrical engineering from Penn State. He is listed in

Who's Who in Engineering, American Men of Science, Who's Who in the East and Who's Who in American Education. He is a member of numerous honor societies and served on the University Faculty Senate.

Dr. Etzweiler, who has consulted for the Pennsylvania Technical Assistance Program (PENNTAP) since its founding, will continue his work with PENNTAP and will continue to teach part-time for electrical and computer engineering.

He and Mary, his wife of 49 years, will remain in the State College area.

Joanne Zagst Feldman, associate professor of music, has retired after 27 years service. Professor Feldman, who taught violin and viola, came to Penn State in 1962 as a member of the Alard Quartet. She considered the quartet a service to the community and the University, saying that it provided a "variety of first-rate chamber music, with an emphasis on living American composers."

Professor Feldman has been a member of the Rochester Philharmonic and the Dayton Philharmonic Orchestra. She was a performer at the Bartok Seminars in Budapest, and performed a duo-recital tour of the USSR with her husband, Leonard. She also has performed with the Pennsylvania Ballet and been concertmaster of the Claremont Festival Orchestra in California, the Altona Symphony and the Nittany Valley Symphony.

She received her bachelor's and master's degrees from the Juilliard School of Music. After retiring, she plans to continue living in the area. She will continue to perform solo and with groups, including the Alard Quartet. She and her husband also plan to travel.

Leonard Feldman, associate professor of music, has retired after 27 years service.

A cellist, Professor Feldman came to Penn State with the Alard Quartet in 1962. He has toured with the quartet in the United States, Canada, Mexico, Europe and in the Pacific region.

"I think we turned some people on to chamber music and showed them what's available," he said. "The quartet has loyal supporters at the University and in the community who enjoy hearing us perform."

Professor Feldman has been a member of the Army Field Band, assistant principal cellist of the Rochester Philharmonic and soloist with the Pennsylvania Ballet. He served as president of the Pennsylvania String Teachers Association from 1988-90.

Professor Feldman studied at the Juilliard School of Music and received his bachelor's and master's degrees from the Eastman School of Music. In retirement, he plans to devote more time to solo and group performance. He also will continue to make limited appearances with the Alard Quartet.

Richard Mayhew, professor of art and Fellow of the Institute for the Arts and Humanistic Studies, has retired with emeritus status after 14 years service.

An internationally known artist, Mr. Mayhew has painted the American landscape throughout his career, creating works that convey the experience of a location rather than its appearance.

Mr. Mayhew was named the first artist-in-residence in the School of Visual Arts in 1989. Since then he has taught a seminar on survival in the arts for young artists, served as a resource for students and maintained an open-door studio on campus.

He studied at the Brooklyn Museum Art School, Columbia University and at the Accademia in Florence, Italy. He has won numerous awards and honors, including fellowships from the MacDowell Colony and Djerassi Foundation, a John Hay Whitney Fellowship and awards from the Tiffany Foundation and the Ford Foundation, as well as the Benjamin Altman Award from the National Academy of Design, among others.

In his retirement, Mr. Mayhew will maintain studios in California and State College and will present a series of lectures and workshops at universities around the country. He currently is working on a large body of works to be presented in two one-man exhibitions in the fall at the Midtown Payson Gallery in New York and the Sherry Washington Gallery in Detroit.

Faculty/Staff Alerts

International mail service

Due to the unrest in the Middle East, all International Mail has been slowed because of a reduction in the number of flights that carry International Mail. Significant delays should be expected for any mail destined to the Middle East. There is a complete embargo on mail to Iraq, Kuwait, and Liberia.

Mail Services will try to keep the University Community informed of any changes as they occur. For further information, contact Mail Services at 865-9171.

Major medical claims

March 31 is the last date on which

Prudential will accept charges for a 1990 major medical claim for University faculty and staff members or their dependents. A major medical claim is established when a faculty or staff member reports eligible charges to Prudential which exceed the deductible.

Charges that are acceptable for a major medical claim include doctors' office calls, prescribed drugs, private duty nursing (if medically necessary), local ambulance services, oxygen, physiotherapy, insulin and special equipment and appliances. Among charges not covered are routine physical exams, dental work, eye exams and lenses.

Itemized receipts should be obtained for eligible charges and submitted to Prudential with a claim form. In order to avoid delay of payment by the insurance company, all

questions in the employee's section of the claim form should be completed fully. Canceled checks and cash register receipts are not acceptable evidence of charges incurred.

Claim forms and additional information

Obituaries

Louise K. Kelly, former curator of the Penn State Collection in the University Libraries, died Nov. 4. She was 78.

A graduate of Skidmore College, she received her master's and doctoral degrees from Penn State. She taught at Elizabethtown College and was head of the English Department from 1957 through

on how to report a major medical claim are available at the Employee Benefits Division, Room 205 Rider Building, the Business Offices at locations other than University Park and the Human Resources Office at the Hershey Medical Center.

1962 when she joined the staff of the University Libraries. She retired Jan. 1, 1974.

She was a member of the American Association of University Women, Modern Language Association and the College English Association.

David W. Hodge, test driver II, Research and Graduate School, since Aug. 1, 1988, died Jan. 3 at the age of 40.

IDP search committee formed

A search and screen committee has been appointed to identify candidates for the position of director of the Instructional Development Program.

Jerry B. Covett, associate dean for undergraduate education and acting director of the Instructional Development Program, is committee chair. Members are:

Deborah F. Atwater, associate professor of speech communication and senior faculty mentor, Research and Graduate School;
Shannon L. Burke, member of the Academic Assembly, Undergraduate Student Government;
Mary M. Dupuis, director of teacher education and associate dean for undergraduate programs, College of Education;
Frank J. Kristine Jr., associate professor of chemistry, Penn State Mont Alto Campus;
Peirce Lewis, professor of geography;
Eugene R. Melander, assistant vice president for academic services;
Robert G. Melton, associate professor of aerospace engineering;
Marie J. Secor, associate professor of English; and **Cl. Bruce Sherbine**, director of academic affairs, Penn State Worthington Scranton Campus.

The IDP director is an academic administrative appointment that provides University-wide leadership in supporting

and encouraging faculty efforts in the maintenance and improvement of instructional quality.

The director appoints and supervises the staff in the preparation of instructional resources and materials for faculty. The director organizes, promotes, and presents workshops, seminars, and other

instructional programs to all University faculty and consults with individual faculty members, some of whom may be experiencing instructional difficulties. Qualifications include a doctoral degree and experience in faculty or instructional development. A knowledge of teaching and learning and instructional improvement strategies is required, in addition to library and research skills.

The position is available on or before June 1. The search and screen committee will begin reviewing applications on March 1.

Applications and nominations should be sent to Dr. Covett, chair, Search and Screen Committee, Instructional Development Program, 207 Old Main, University Park, PA 16802. Applicants should submit a letter of application and a current curriculum vitae, and arrange for three letters of recommendation.

To further biological research

New center has been established

The University has established a Center for Biomolecular Structure and Function with two major objectives: to investigate the relationship between the molecular structure of proteins and their ability to execute a specific function or task in the body; and to provide research opportunities for science students.

"We have one of the largest collections of scientists working in this research area at a single academic institution," **Joseph Villafra**, Evan Pugh professor of chemistry and director of the center, said.

The center brings together an interdisciplinary group of investigators from the Eberly College of Science's Department of Chemistry and Department of Molecular and Cell Biology and the College of Agriculture's Department of Veterinary Science.

In addition to furthering biological research, the center also provides an organizational structure for developing new courses, programs, seminars, and research facilities. Through special symposiums and workshops, the center plans to attract students and researchers from other academic and scientific institutions as well.

"We are dedicated to training the next generation of scientists in this critical area of research," Dr. Villafra said.

Center for Biomolecular Structure and Function investigators include: **Stephen Benkovic**, **Gregory Farber**, **Gordon Hamilton**, **William Horrocks**, **Juliette Lecomte**, **Robert Matthews**, **Kenneth Merz**, and **Dr. Villafra** in the Department of Chemistry; **Kenneth Johnson** and **Ming Tien** in the Department of Molecular and Cell Biology; and **C. Channa Reddy** in the Department of Veterinary Science.

Carpoolers

A ride is needed to the Physical Plant Building from Old Boalsburg Road in State College at o a.m. weekdays. Call **Ossie Parker** at 865-4731 or 238-6211.

Judy and Dan are looking for riders to carpool from Altoona or Tyrone to University Park. Work hours are 8 a.m. to 5 p.m. Call 865-6301; Judy (home), 632-8462; or Dan (home), 942-7658.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. **APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0300.** Applications for these staff vacancies will be accepted until Feb. 7. **DO NOT CONTACT THE AREA THAT HAS THE VACANCY.** Applications for staff vacancies are considered in accordance with Fair Employment practices (PS-1) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap, or age as provided by law, sex, or status as a disabled or Vietnam era veteran.

■**01278, Coordinator, Playbill and Group Sales, University Arts Services, Center for the Performing Arts, University Park Campus** - Responsible for developing and maintaining prospective playbill client lists; coordinating and supervising telemarketing personnel; soliciting prospects, making presentations and selling advertising space; direct mail marketing and obtaining group ticket purchase commitments. Requires bachelor's degree, or equivalent in marketing communications or related field, plus one to two years of effective experience. Day travel required. Automobile necessary with compensation mileage. THIS IS A FIXED TERM POSITION FUNDED THROUGH JUNE 30, 1992. WITH POSSIBILITY OF RE-FUNDING. STAFF GRADE 5.

■**01279, Associate Director of Development and University Relations, Penn State Behrend** - Responsible to the director of development and university relations at Behrend College for a comprehensive alumni program. Coordinate annual giving program and support director in major gifts fund raising. Requires bachelor's degree, or equivalent, in marketing, communications or related field, plus three to four years effective experience in public relations, fund raising, etc. in a non-profit environment with evidence of skill in verbal and written communications. STAFF GRADE 8.

■**01280, Applications Programmer Analyst, Computer and Information Systems, Library Computing Services, University Park Campus** - Responsible

to designated leader for conducting analyses of data processing and operational problems, determining detailed requirements to solve problems, formulating logical statements of systems problems, and preparing computer programs to satisfy desired end results. Requires bachelor's degree, or equivalent, in basic computer systems and one to two years of effective experience in computer programming and analyses. Experience with DEC VMS is preferred. THIS IS A FIXED TERM POSITION FUNDED THROUGH AUG. 30, 1991, WITH EXCELLENT POSSIBILITY OF RE-FUNDING. STAFF GRADE 6.

Hershey

For the following position vacancies.

apply directly to The Milton S. Hershey Medical Center. Attach resume with cover letter indicating the position vacancy code and forward to the Department of Human Resources, Hershey, or call the Hershey bid line at (717) 531-6531 by Feb. 7.

■**1649, Medical Assistant, Department of Nursing, Outpatient Services** - Responsible to the clinical head nurse or manager for providing assistance in health care services and for participation in administrative functions. Requires an associate degree, or equivalent, in a related field; BLS certification and up to 12 months of effective experience also is required.

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main. Phone 863-7517.

William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

January 31, 1991
Vol. 20, No. 19

FLEET OPERATIONS

The Fleet Operations unit is profiled on page 3.

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INTERCOM

February 7, 1991

Volume 20, Number 20

Dr. Pearman named to post at Wilkes-Barre Campus

William A. Pearman has been named campus executive officer at Penn State Wilkes-Barre. His appointment is effective immediately.

Dr. Pearman, who has been serving as acting CEO at the campus since July 1, 1990, was named to the position by President Thomas.

"We are pleased to be able to appoint Dr. Pearman to this position on a full-time basis," President Thomas said. "He has served quite ably as acting CEO since Jim Ryan left the campus to join us here at University Park last year to serve as vice president of continuing education for the Penn State system."

Prior to becoming acting CEO, Dr. Pearman served as director of academic affairs at Wilkes-Barre since August 1989.

"Bill Pearman has been a strong asset to the programs and efforts at Penn State

Wilkes-Barre since he stepped into the CEO position on an acting basis last summer," said Richard Grubb, senior vice president and dean of the Commonwealth Educational System.

"There were a number of excellent candidates for the CEO position who were considered by the search committee," Dr. Grubb said. "We found the best candidate was already working for us."

Dr. Pearman previously served as provost and vice president of academic affairs at Sacred Heart University in Fairfield, Conn. Prior to that he was academic dean and professor of sociology/anthropology at Millersville University for 14 years.

He has also held faculty positions at Virginia Commonwealth University, Loyola University and Fordham University.

Dr. Pearman earned his bachelor's degree

from LaSalle University in 1962 and received his master's degree at Fordham in 1964. In 1966 he received a doctorate in sociology from the University of Pittsburgh.

He has published extensively in journals such as *National Issues in Higher Education*, *American Sociological Association Teaching Newsletter* and *The American Journal of Public Health*.

His books include *Melancholy: A Handbook on the History and Issues of Health Care Services for the Elderly*, *Three Mile Island: A Sourcebook* and *In the Province of Sociology: Selected Readings*.

Dr. Pearman, who lives in Dallas, Pa., has been recognized for teaching excellence by the Danforth Foundation and received the first Pennsylvania Sociological Society Award for Research Excellence.



William A. Pearman

Students begin to collect donations for dance marathon

University students have begun "canning" in their hometowns, collecting donations for the Penn State Dance Marathon, the largest and most successful student-run philanthropy in the country, which will be held Feb. 15-17 at University Park.

For 48 hours, more than 1,000 feet will dance non-stop, while another 1,000 will provide support to help them keep the beat. Since 1977, the marathon has raised more than \$2.4 million, about 65 percent

of The Four Diamonds Fund operating budget.

The fund was established in 1973 to provide financial relief to families of children with cancer at the University Hospital at the Hershey Medical Center.

Creation of the fund was suggested by the parents of Christopher R. Millard, a courageous boy who died of cancer at the age of 14. The Four Diamonds Fund is named for an essay Christopher wrote

shortly before his death. The fund assists about 50 new families every year.

Canning and dancer pledges are the primary source of financial support for the Marathon, so if motorists see unidentified students canning in the middle of the street, they should not be alarmed. They are just students who have learned the most important lesson in life -- helping others.

Writing across the curriculum videoconference set

An interactive videoconference on writing across the curriculum will provide faculty members with information and examples from successful programs to aid them in creating their own writing-intensive courses, according to **Jerry B. Covert**.

The national videoconference and followup Penn State workshops will be held from noon to 5 p.m. Wednesday, Feb. 27, in 312 Keller Conference Center at University Park. Penn State Erie, The Behrend College plans to download the videoconference, which is available University-wide via satellite.

Sponsored by the Office of Undergraduate Education, in conjunction with the Instructional Development Program, the videoconference will "assist faculty members in developing course proposals and implementing the University Faculty Senate's writing recommendation." Dr. Covert, associate dean for undergraduate education, said.

The Senate recommendation states, in part: "...[Beginning in the summer of 1990, entering

baccalaureate degree students should complete at least three credits of writing-intensive courses as part of the graduation requirement. Each college or school will be responsible for the development of the writing intensive course(s) by which each baccalaureate degree student can fulfill this writing component."

"The national videoconference and three concurrent workshops facilitated by University faculty experts will provide assistance to faculty members and academic administrators in meeting this Senate recommendation," **Joan Parrett**, assistant director, Instructional Development Program, said.

A panel of national experts will discuss the current state of writing across the curriculum, including its theory, practice, purposes and future. Among the panelists is Anne Herrington, former University faculty member, now director of the University Writing Program and associate professor of English at the University of Massachusetts, Amherst.

Three workshops will be held following the

videoconference, from 3 to 5 p.m. in Keller. The same workshops will be available, along with a videotape of the conference, for use at a later date by three regional consortia comprised of University campuses in the Western, Northeastern and Southern parts of the state. Dr. Parrett said.

The workshops are: Step 1, Planning: How to Write a Proposal, with Paul R. Shellenberger, professor of dairy science, and R. Thomas Berner, professor of journalism; Step 2, Implementation: How to Use Writing Across the Curriculum as a Teaching/Learning Tool, with Marie J. Secor, associate professor of English; and Step 3, Evaluation: How to Grade the Papers, the Course and Yourself, with Margaret M. Cote, associate professor of English.

To preregister or for additional information, contact the Instructional Development Program, 401 Grange Building, 863-2599, by Feb. 13.

Focus on Diversity

Black History Month celebrations

Events at campuses

Numerous activities, including films, discussions, lectures and art displays, are being conducted at University Park during February in honor of Black History Month.

The theme of the month is "The Black Woman: Gifts, Goals and Glass Ceilings." Scheduled for Feb. 8 at 7 p.m. is a presentation titled "In Pursuit of Our Roots" in the Paul Robeson Cultural Center Auditorium.

At 8 p.m. on Feb. 12, the musical group Ladysmith Black Mambazo, known for its performance on the Paul Simon release "Graceland," will perform in Eisenhower Auditorium.

A tribute to the late Malcolm X is scheduled for Feb. 19-21, beginning with a film presentation from 1 to 5 p.m. in the HUB Fithbowl.

A panel discussion titled "The Life, Lessons and Legacy of Malcolm X" will be held at 7 p.m. Feb. 20 in the HUB Ballroom. Panel members will include James B. Stewart, vice provost for underrepresented groups; Laverne Gyant, interim director of the Black Studies Program; and Vernis Welmon, assistant to the dean for minority relations and

international programs in the Smeal College of Business Administration.

At 7 p.m. Feb. 21 in the HUB Ballroom, Zak Kondo, international studies program director at Bowie State University and author of several books on Black studies, will give a presentation, "The Assassination of Malcolm X."

The month-long activities will conclude at 5:30 p.m. Feb. 23 with a dinner, "A Touch of Africa," sponsored by Penn State's African Student Association in the HUB Ballroom.

The Penn State McKeesport Campus has organized a series of events to commemorate Black History Month.

Scheduled are: Black History Academic Bowl, 6 p.m. Feb. 14 and 21, in Buck Union Building; and a Black Achievement Banquet, 6:30 p.m. Feb. 26, in Frable Conference Center.

Black History Month events planned at the Penn State New Kensington Campus include a film series, Feb. 13, a one-act performance by African-American students at the campus, Feb. 20, and a performance by gospel singer Ethel Caffie-Austin, Feb. 28.

Penn State Bookstore

The celebration of Black History Month is taking place at the Penn State Bookstore on Campus with a large display of books by Black authors, books on Black history, arts and social issues, philosophy, photography, juvenile books and other books of Black interest.

"A Heritage in Print -- Black History Month Celebrated" involves a large collection of books of interest to all ages and of all cultures. The books will be available and on display throughout the month of February and are generally available year-round at the Penn State Bookstore on Campus.

The books of literature and non-fiction feature Black contemporary authors like Chinua Achebe, Maya Angelou and James Baldwin. Also featured are classic literature of the African-American experience such as *The Souls of Black Folk* and *Narrative of the Life of Frederick Douglass*.

In addition, there are poetry and short story anthologies as well as important and timely non-fiction examining the Civil Rights movement, racism, a changing Africa and the Black feminist movement.

WPSX-TV programs

Black History Month programming continues on WPSX-TV as Bill Moyers takes a journey of song and singing with Bernice Johnson Reagon, the founder and artistic director of the popular vocal group Sweet Honey in the Rock. *Moyers/The Songs Are Free* with Bernice Johnson Reagon, a documentary about the power of song, premieres at 1:30 p.m. Sunday, Feb. 10.

In her work with the capella singing group, and as a noted curator at the Smithsonian Institution in Washington, D.C., Ms. Reagon strives to preserve and share the rich musical heritage of the African-American community -- from songs of resistance, courage and pride to songs of determination and faith.

The life and story of Charlie "Yardbird" Parker is not unlike his mind-blowing sax solos: fast, brilliant, complex and completely original. *American Masters* captures this enigmatic musician, his vibrant times, and his unique talent in "Celebrating Bird: The Triumph of Charlie Parker," a one-hour profile airing at 2 p.m. Sunday.

Cultural diversity workshop series continues

Employees in the real estate and housing field in the community and on the University Park Campus will be the target audience for the fifth in a series of cultural diversity workshops aimed at creating a more hospitable environment for people of diverse ethnic and racial backgrounds.

The workshops will be held Feb. 19 and 21 from 8 to 11 a.m. in the Beaver Room of the State College Hotel.

According to workshop leader W. Terrell Jones, special assistant to the provost for underrepresented groups, the goal of the workshops is to help participants understand cross-cultural differences and provide new and better insights into dealing with people from a culturally diverse perspective.

"Particularly in the real estate and housing area, cultural differences can pose problems for both the renters and the landlords, and what might appear to be minor requests from the landlord can be totally the opposite of what someone from another culture may be permitted to do by religious law or mores," he said. "Language barriers can also pose problems."

"There are many cultures represented in the Centre Region. It's hoped that by keying this workshop specifically to those people responsible for housing, this segment of the population can be better accommodated in their physical housing needs and the amenities that make life more pleasant during their stay in our community."

The workshop can accommodate up to 25 persons and is offered free on a first-come basis. Interested persons from the community should call the Chamber of Commerce Office at 237-7644. University employees wishing to take part should call University Relations at 865-2501. Those who cannot be accommodated will receive early notification about future workshops.

The deadline for registration is Feb. 12. The workshops are planned and co-sponsored by the Office of University Relations at Penn State and the State College Area Chamber of Commerce. To date, more than 70 persons in the community and on campus have participated in the workshops.

International Festival

The 17th annual International Festival will be held from Feb. 8 to 12 at University Park.

An International Coffeehouse will be held at 7:30 p.m. Friday, Feb. 8, in Kern Graduate Building.

The International Fair, featuring food, arts and crafts, cultural exhibits and children's activities, will be held from 11:30 a.m. to 4:30 p.m. Sunday, Feb. 10, in the Hetzel Union Building.

The International Student Council will present a lecture by Jack Kalabinski, senior Polish correspondent of Radio Free Europe and senior U.S. correspondent for *Gazeta*, on "The Collapse of Socialism" at 7:30 p.m. Tuesday, Feb. 12, in 112 Kern.

Diversity Opportunities Calendar

Thursday, Feb. 7

Paul Robeson Cultural Center, 6:30 p.m., Robeson Center Auditorium. Movie: "Roots."

Paul Robeson Cultural Center, 8 a.m. to 5 p.m., Robeson Center Gallery. Kente cloth exhibit, through Feb. 22.

Friday, Feb. 8

Paul Robeson Cultural Center, 7 p.m., Robeson Center Auditorium. Presentation: "In Pursuit of Our Roots."

Saturday, Feb. 9

Office of Minority Faculty Development, 9 a.m. to noon, 114 Kern Graduate Building. Workshop: "External Funding and Proposal

Development," second in a series of faculty development workshops this year. Speaker: Baita Briedis, College of the Liberal Arts coordinator of grants and contracts. For more information, call Leah Witzig at 863-1663.

Sunday, Feb. 10

Office of International Studies, 11:30 a.m. to 4:30 p.m., HUB first floor. International Fair featuring foods, crafts, arts and cultural exhibits.

Tuesday, Feb. 12

Center for the Performing Arts, 8 p.m., Eisenhower Auditorium. Ladysmith Black Mambazo concert.

MBA students attend diversity session

University MBAs confronted the issue of business leadership in a culturally and ethnically diverse workplace in a daylong session yesterday in the Keller Conference Center at University Park.

Created by the Penn State MBA Association and supported by AT&T and Exxon Corp., the Managing Cultural Diversity Seminar gave students the chance to look at leadership and the new demographics of working America from a variety of ethnic and cultural viewpoints. Small-group sessions permitted a full exploration of the concerns involved.

Among the speakers and discussion leaders were: Vicki Fong, manager of the

News Bureau, Public Information Office, who discussed Asian-American perspectives; Alyson Korza, diversity manager with Ethicon Inc., who spoke on goals for managing diversity; Joe Prewitt Diaz, director of bilingual education programs, who offered the Hispanic viewpoint; Blonell Reynolds, executive director of the West Philadelphia Partnership, who addressed non-traditional information sources on diversity management; and Linda K. Trevino, assistant professor of organizational behavior, who led a discussion on intergroup relations. Also attending this year's session were corporate recruiters.

Penn State People

Janet Brannan

Janet Brannan, dining room supervisor at the Nittany Lion Inn, has been working part-time and full-time at the Inn since 1956. A full-time employee since 1981, she says she enjoys her job a great deal. "I like working with people, and I've met a lot of different people over the years, including a number of famous people who have come through here. I've also gotten to know the faculty, and I've particularly liked working with students." (Photo: Greg Grieco).



Catalog available

The second edition of the *Films and Video for Arts and Communications* catalog is now available from Audio Visual Services. More than 1,500 programs are listed in this reference source, and each title is available for classroom use at no charge

to University faculty members.

Copies of the catalog are housed in 26 Willard Building and at Special Services Building off Fox Hill Road. To receive a catalog through campus mail, call 863-3103. At a Commonwealth Campus, contact the campus instructional services specialist.

McCoy Natatorium fitness center is open

Faculty and staff members who want to keep in shape might try the new Fitness Center at the McCoy Natatorium at University Park.

The center, funded by the Department of Intercollegiate Athletics, has been established on a bridge overlooking the Natatorium pools. The facility features six Stairmasters, seven stationary bicycles, four rowing machines, two treadmills, two Nautilus stations and a Gravitron upper body machine.

"Response to the fitness loft has been tremendous," Tom Griffiths, manager of aquatic facilities, said. "Since our opening this semester, we've been averaging about 500 persons per day."

"And, because of interest from faculty and staff, we've established an exclusive faculty/staff fitness hour from 11:45 a.m. to 1 p.m. Monday through Friday. During that period, fitness consultants and exercise experts will be available for those who need them."

The new fitness loft is open to faculty, staff and students from 6:30 a.m. to 10 p.m. Monday through Friday and from noon to 10 p.m. Saturday and Sunday. A pass for faculty and staff members costs \$30 a semester.

For more information, contact Dr. Griffiths at 865-1432.



Photo: Greg Grieco

Promotions

Staff Exempt

Kathy L. Ashby, to supervisor, housing services in Housing and Food Services.
Patrick Boyle, to reactor supervisor nuclear education specialist in Engineering.
Judy M. Evert, to program manager in C&IS-Management Services.
Carol J. Hendershot, to records management supervisor in Continuing Education.
Michael J. Holland, to coordinator, research accounting in Corporate Controller's Office.
Pamela Kornasiewicz, to human resources officer in Office of Human Resources.
Mary Ellen Madigan, to assistant director of admissions-graduate admissions at Behrend College.
Marcia E. Myers, to accounting assistant in Undergraduate Education.
Tammy E. Myers, to registration services, supervisor in Continuing Education.
Carla K. Rossi, to manager, financial reporting in Corporate Controller's Office.
Patricia A. Tarbay, to secretary B in Office of Budget and Resource Analysis.
Paula J. Thompson, to administrative head nurse at Hershey.

Staff Non-Exempt

Gretchen M. Allison, to research technician at Hershey.
Merrilee L. Barner, to supervisor, accounts payable and files in Corporate Controller's Office.
Linda K. Bolton, to professional billing coordinator at Hershey.
Robin E. Deaver, to senior research technologist in Agriculture.
Constance A. Frank, to technical illustrator in Applied Research Lab.
Edwin N. McGarvey, to technical illustrator in Applied Research Lab.
Karen R. Müller, to executive assessment

program coordinator at Hershey.
Linda J. Moore, to senior computer technician radiological technologist at Hershey.
Linda F. Myself, to neurophysiology technician at Hershey.
Marsha M. Sauer, to administrative aide at Hershey.
Janet L. Smith, to computer support assistant in Education.

Clerical

Candace Albright, to secretary C in Liberal Arts.
Andrew Biggans, to clerk and end processing A in University Libraries.
Tammi M. Bowling, to clerk audit A in Purchasing Services.
Darlene P. Fike, to secretary B in Eberly College of Science.
Linda L. Flickinger, to secretary B at Hershey.
Betsy R. Hall, to secretary C in School of Communications.
Michele D. Hosterman, to clerk, records A in Undergraduate Education.
Brenda L. Jefferies, to clerk, insurance team at Hershey.
Carol E. McGaben, to accounting clerk in C&IS-Center for Academic Computing.
Elaine C. Miller, to secretary B in School of Communications.
Robin D. Renwick, to secretary C in Eberly College of Science.
Michelle M. Sheaffer, to secretary C in Student Services.
Shelly D. Stephenson, to accounting clerk in Eberly College of Science.
Patricia H. Teaman, to senior accounting clerk in Division of Development and University Relations.
Cynthia D. Tressler, to secretary A in Office of Human Resources.
Barbara D. Vanada, to clerk, stock control A in Office of Physical Plant.

Focus on the arts

Visiting author

The Penn State Bookstore on Campus will host Joe Schall, author of *Idiotism and Other Stories*, who will sign and discuss his book from noon to 2 p.m. Friday, Feb. 8.

Mr. Schall, a University faculty member and alumnus, has received the Elmer Holmes Bobst Award for Emerging Writers for *Idiotism and Other Stories*. The book is described as a "collection of nine stories ranging from the wildly funny and idiosyncratic to the downright bizarre."

Mr. Schall currently is a technical writing tutor for the College of Earth and Mineral Sciences. He also has taught writing courses for the English Department at Penn State and Juniata College.

The arts on Channel 3

The best and brightest young singing talent in America returns to public television in WPSX-TV's *Find Warnings: U.S. Chorus 1990*. *Discovering America* airing at 9 p.m. Friday, Feb. 8.

Hosted by Virginia Waring, the hour-long program is a dynamic combination of "Travel America" songs, a "West Side Story" medley, contemporary hits and Fred Waring's most beloved choral standards. *Great Performances* presents "Dance In America: The Alvin Ailey American Dance Theater: Steps Ahead" premiering at 12:30 p.m. Saturday, Feb. 9. The Dance Theater performs two works -- "For Bird With Love" and "Episodes" -- in a program introduced by Judith Jamison, one of Mr. Ailey's favorite dancers and the company's new artistic director.

Pittsburgh Ballet

The Pittsburgh Ballet Theatre will perform the romantic "A Midsummer Night's Dream" at 8 p.m. Saturday, Feb. 9, and 3 p.m. Sunday, Feb. 10, in Eisenhower Auditorium at University Park.

Based on William Shakespeare's comedy, the story ballet is set to the music of Felix Mendelssohn and choreographed by Bruce Wells, Pittsburgh's resident choreographer. In this love story, a mischievous elf named Puck delights in making everyone fall in love with the wrong person.

Choreographer Bruce Wells will speak before each performance as part of the free lecture series Artistic Viewpoints. His talks will be at 7 p.m. Feb. 9 and 2 p.m. Feb. 10 in the Green Room of Eisenhower Auditorium.

World premiere

The University will have the world premiere of a new ballet from the Pittsburgh Ballet Theatre.

In addition to performing "A Midsummer Night's Dream" on Feb. 9 and 10, the company will showcase "Sojourn" choreographed by Paul Abrahamson. The 20-minute piece is set to Benjamin Britten's "Four Sea Interludes" from the opera "Peter Grimes."



A. E. Bye, a landscape architect and 1942 alumnus, was on hand last week to open a photographic exhibit of his work on display at the Palmer Museum of Art. (Photo: Greg Grieco)

Mr. Abrahamson, a dancer in the company since 1986, was awarded the Creative Advancement Award in 1989 and invited to the prestigious Jacob's Pillow International Choreographer's Symposium.

Philharmonic concert

The Penn State Philharmonic, directed by Douglas Meyer, will perform at 3 p.m. Sunday, Feb. 10, in the School of Music Recital Hall at University Park.

The program will include Antonin Dvorak's Symphony No. 9, "From the New World," to commemorate the 150th anniversary of Dvorak's birth and to celebrate Czechoslovakia's new-found freedom.

Smith Toulson, faculty clarinetist, will perform Mozart's Clarinet Concerto as a memorial of the 20th year since the composer's death. Mr. Toulson is a founding member of the Pennsylvania Wind Quintet, in residence at Penn State, and conducts Penn State's Symphonic Wind Ensemble.

Jazz singing group

Ladysmith Black Mambazo, the 10-man jazz singing group from South Africa, will perform at 8 p.m. Tuesday, Feb. 12, in Eisenhower Auditorium at University Park.

The group burst into worldwide fame for its collaboration with Paul Simon on his popular "Graceland" album. They began their career in the early '70s singing the soulful harmonies sung by black South African miners.

Group members will perform both their traditional a cappella melodies and their newest songs, along with selections from Simon's "Graceland."

As part of Artistic Viewpoints, a free lecture series for the audience, the

company manager will speak at 7 p.m., immediately before the performance. In the Greenroom of Eisenhower Auditorium. Tickets are available at the Eisenhower Auditorium Ticket Office, open Monday through Saturday, 8:30 a.m. to 4:30 p.m.

Pattee exhibit

A collection of pen and ink drawings by Tara Johnson is on display in Pattee Library's Lending Services Gallery through Feb. 24.

Ms. Johnson is working toward a bachelor of arts degree in drawing and painting, with a minor in art history. Her work has been shown in a number of exhibits throughout Pennsylvania.

Odyssey on WPSU

On "Jack Mapanje and the Tattle" the next episode of "Odyssey Through Literature," Leslie Hazleton, a visiting professor of English and a member of the P.E.N. American Center's Freedom to Write committee, discusses with host Leonard Rubinstein the politics and poetry of Jack Mapanje, imprisoned without charge in his home country of Malawi.

Ms. Hazleton says, "His aim was always, under the conditions of censorship, to provoke as far as he could in his poems without actually getting caught and sent to jail -- which he realized, it is quite clear from some of what he's written, had to finally happen."

"Because not to provoke, not to fight against it is to allow the censors to control what you write, to control what is African culture."

"Odyssey Through Literature" is produced by the Department of Comparative Literature in the audio-production studios of WPSX-TV. It airs

Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Clarinet ensemble

The Penn State Clarinet Ensemble will perform in concert at 12:10 p.m. Thursday, Feb. 14, in the Eisenhower Chapel at University Park. The 20-minute concert is part of the Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The program will include "Monochrome" by Peter Schickel, a work for clarinet choir. The concert features students from the studio of Smith Toulson of the School of Music faculty.

HUB exhibit

An exhibition of the sculpture of James Malone Beach is on display until March 31 in the HUB Art Alley Cases at University Park.

"Metal and Clay Talisman" features containers, ornamental knives, jewelry and medallions sculpted from metal and clay. Many of the ceramic vessels are treated with colored slips during firing to give them the look of a primitive firing.

Mr. Malone Beach received his bachelor's degree in art education from Bemidji State University in northern Minnesota, and a master's degree from the University of Iowa. His work has been shown at the National Silversmithing Competition in New York City and the Seventh Biannual International Craft Competition in Duluth, Minn.

There will be a reception for "Metal and Clay Talisman" from 7 to 9 p.m. Friday, Feb. 8, in the HUB Art Alley.

'Celebration of Love'

The Penn State Chamber Singers will present its fifth annual "Celebration of Love" concert at 7:30 p.m. Saturday, Feb. 16, in the Rotunda of Old Main at University Park.

The concert, started in 1987 as a tribute to the late Professor Emerita Viola Taylor, features poetic readings and vocal settings of love texts from the Renaissance to the 20th century.

The Chamber Singers will perform "Five Flower Songs" by Benjamin Britten and several selections by English composers Edward Elgar and Ralph Vaughan Williams. Other composers on the program include Claudio Monteverdi, Andrea Gabrieli, John Dowland, Giles Farnaby and Rene Clausen.

The 24 Chamber Singers are selected each fall from among Penn State's Choir members by D. Douglas Miller, professor of music and director of both groups. The readings will be presented by Lowell Manfull and Helen Manfull, professors of theater, and two acting students. A reception will follow the concert.

Tickets to the "Celebration of Love" are \$7.50 and may be purchased or reserved by calling 865-0432 or 863-2142.

University Park Calendar

February 7--
February 17

Special Events

Thursday, February 7

Bach's Lunch, 12:10 p.m., Eisenhower Chapel.

Penn State Chamber Singers

■ Education Abroad Day, 1:15 p.m., HUB.

Healthy Loving Week, 8 p.m., Schwab Aud.

Lauren Burke shares her experiences coping with the AIDS virus.

Friday, February 8

■ Geog. Coffee Hour, 4 p.m., 319 Walker. John Skelly on "A Closer Look at Forest Decline in Europe—A Need for More Accurate Diagnostics."

■ Shaver's Creek, Conservation of Tropical Rainforests, 7:30-8 p.m., Call 863-2000.

Marital arts seminar, 7-9 p.m., 126 White Bldg. Also Feb. 9, 10 a.m.-2:30 p.m.

■ International Festival, 7:30 p.m., Kern International Coffeehouse. Also Feb. 10, 11:30 a.m.-4:30 p.m., HUB, International Fair, and Feb. 12, 7:30 p.m., 112 Kern, lecture. Jack Kalabinski, journalist, on "The Collapse of Socialism."

Saturday, February 9

Shaver's Creek, Owl Prowl, 7-9 p.m., Call 863-2000.

Center for the Performing Arts, 8 p.m., Eisenhower Aud. "A Midsummer Night's Dream," Pittsburgh Ballet Theater. Also Feb. 10, 3 p.m.

Sunday, February 10

Shaver's Creek, Environmental Unexplainables, 1-2:30 p.m., Call 863-2000.

School of Music, 3 p.m., Recital Hall. Penn State Philharmonic concert.

Carnegie Hall Film Series, 7 p.m., *It Happened One Night* (1934), 9 p.m., *Porgy and Bess* (1900), 108 Wartik, Free.

Monday, February 11

■ Comp. Lit. Luncheon, 12:10 p.m., 101 Kern. Stephen Belcher on "Turbulent Children: A West-African Progression."

Tuesday, February 12

Center for the Performing Arts, 8 p.m., Eisenhower Aud. Lady Smith Black Mambazo.

Thursday, February 14

Bach's Lunch, 12:10 p.m., Eisenhower Chapel.

■ Penn State Chamber Ensemble.

■ Lecture, 5 p.m., 112 Kern. David Dean, former diplomat, on "Tapei, Washington, and Peking."

Friday, February 15

Geog. Coffee Hour, 4 p.m., 319 Walker. Stan Openshaw, Univ. of Newcastle, on "Siting and Safety of Nuclear Power Plants."



"Whisper, The Waves The Wind" by Suzanne Lacy is included in the "Gender and Representation" exhibit opening Feb. 9 in Zoller Gallery.

School of Music, 8 p.m., Penn State Symphony Wind Ensemble, Recital Hall. IFC Dance Marathon through Feb. 17, White Bldg.

Saturday, February 16

Shaver's Creek, Maple Sugaring Volunteer

Training, 10 a.m. to 4 p.m., Call 863-2000.

Center for the Performing Arts, 8 p.m., Schwab Aud. Malcolm Bilson, *Fortepiano*.

School of Music, 7:30 p.m., Old Main.

"Celebration of Love," Chamber Singers.

Sunday, February 17

Carnegie Hall Film Series, 7 p.m., *Mambo on the Bowery* (1935), 9:15 p.m., *Great Expectations* (1946), 108 Wartik, Free.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m. "Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubinstein.

Conferences

Continuing Education

Keller Building

Feb. 13, Dental Seminar, Kent Addis, coordinator. Feb. 16, Softball Coaches' Clinic, Susan Rankin, chair; Kathy Karchner, coordinator.

Seminars

Thursday, February 7

Cene 590 Seminar Series, 11 a.m., 301 Stendle, E.A. Tomic, *Et du Pont de Nemours & Co., on "Crystallizable Glass Precursors from Aqueous Solutions."*

Physics Colloquium, 3:30 p.m., SS Osmond Lab. Dr. David Ceperley, Univ. of Illinois, on "Path Integral Picture of a Superfluid."

Gerontology Colloquium, 4 p.m., 106 Mitchell Jackie Worobey on "Health and Living Arrangement Transitions in Later Life."

Tuesday, February 12

Graduate Program in Nutrition, 4 p.m., 101 Altohouse Lab. Michael H. Green on "An Introduction to the Use of Compartmental Analysis in the Study of Vitamin A Dynamics."

Monday, February 11

■ International Programs in Ag, 2 p.m., 301B Ag Admin. Javier S. Jiggins and Niels C. Roling, Wageningen, Netherlands, on "Knowledge Systems Theory and Agricultural Development Futures."

EPF, 4 p.m., 339 Davey Lab. Dr. S. Shatahvil, Univ. of Chicago, on "Quantum Groups and Conformal Field Theory."

Tuesday, February 12

Chemical Engineering, 2:45 p.m., 140 Fenske Lab. Alan Jones, Clark Univ. on "Dynamics of Gases and Liquids Sorbed in Polymeric Glasses by NMR."

Chemistry Dept. Colloquium, 3:30 p.m., SS Osmond Lab. Kenneth D. Karlin, Johns

Hopkins Univ., on "Studies in Bioinorganic Copper Coordination Chemistry." Computer Science, 4 p.m., 325 Whitmore Lab. Martin Farach, Univ. of Maryland, on "Two Dimensional Dictionary Matching." Condensed Matter Physics, 4 p.m., 330 Davey Lab. Dr. James Glazier, AT&T, on "Bubbles: The Dynamics of Cellular Patterns." Institute of Molecular Evolutionary Genetics, 4 p.m., 317 Mueller Lab. Willem Ferguson, Pretoria Univ., S. Africa, on "Evolution of T-Cell Receptor Genes."

Thursday, February 14

Physics Colloquium, 3:30 p.m., SS Osmond Lab. Dr. H.K. Mao, Carnegie Institute of Wash., on "Metalla Hydrides."

Mech. Eng., 4 p.m., 105 Mech. Eng. Dr. Philip A. Thompson, Rosendall Polytechnic Institute, on "Microscopic Vortices, Nucleation and Fast Phase Changes."

Gerontology Colloquium, 4 p.m., 106 Mitchell Carol Gay on "Bone Cells and Osteoporosis."

Exhibits

Chambers Gallery

School of Visual Arts Undergraduate Photography Exhibition, through Feb. 8

HUB Galleries

Art Alley Cases:

James Malone/Beach, "Metal and Clay Talisman" through March 1

Formal Gallery:

Harnet M. Rosenberg, lithographs, paper cuttings, photographs, through Feb. 1

Kern Gallery

Jan Brensch, paintings, through Feb. 6

Palmer Museum of Art

Abstracting the Landscape: The Artistry of Landscape Architect A.E. Bye, through March 30.

Pattet Library

Lending Services Gallery:

Tara Johnson, pen and ink drawings, through Feb. 24.

Zoller Gallery

Gender and Representation, through March 4

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather-2-34 Arts Line-345: University Calendar-456.

■ Reflects an international perspective

Faculty/Staff Alerts

Courses for faculty and staff

The Human Resource Development Center has openings in the following courses. Call the center at 865-3410 for registration information.

Intergroup Relations II Introduces practical skills to improve interactions with culturally diverse individuals, including staff new to your work area; meets from 9 a.m.

to 4 p.m. Monday, Feb. 18; cost: none. **Coaching Your Employees to Improve Job Performance** Increase supervisory competence and skills in dealing directly with employees about workplace problems and work performance; from 9 a.m. to 4 p.m. Wednesday, Feb. 20; cost: \$55.

Performance Appraisal for supervisors of staff exempt and staff non-exempt

employees; it will cover the objectives of performance appraisal at Penn State, the appraisal form, suggestions for observing and recording performance, and performance appraisal interview techniques; meets from 1:15 to 4 p.m. for one Thursday, Feb. 21 or 28; cost: none.

Conflict Resolution Focus is on theories of anger, different reactions to anger, and implementation of techniques and skills to use in conflict resolution; meets from 9 a.m. to 4 p.m. Monday, Feb. 25; cost: \$55.

Lift Safety Learn why back injuries occur and how to avoid them; meets from 1:30

to 4:30 p.m. Wednesday, Feb. 27; cost: \$35.

The New Supervisor The three main components of this program are the management of work, the management of others, and the management of self; meets for five sessions Monday through Friday, March 4 to 8, from 1:30 to 4:30 p.m.; cost: \$95.

Customer Service Introduces the 10 fundamentals to becoming a service legend; meets for three half-day sessions—two Mondays and one Thursday—March 11, 14 and 18, from 1:15 to 4:30; cost: \$75.

Appointments

Michael A. Arthur has been appointed professor and head of the Department of Geosciences. He succeeds Shelton S. Alexander who has returned to full-time teaching and research after serving as department head since 1985.

Dr. Arthur had been professor of oceanography in the Graduate School of Oceanography at the University of Rhode Island. In addition to research and teaching experience at the universities of Rhode Island and South Carolina, he has experience as a petroleum geologist with the U.S. Geological Survey and as staff scientist for the Deep Sea Drilling Project under the auspices of Scripps Institution of Oceanography.

His research focuses on unraveling global climatic and ocean chemical changes over the past 120 million years, with specific interests in interpreting inorganic geochemical signals in marine strata.

Dr. Arthur is an elected Fellow of the Geological Society of America and has received the Editor's Citation for Excellence in Reviewing by the American Geophysical Union *Journal of Paleoclimatology*, and the President's Award of the American Association of Petroleum Geologists for best paper in the AAPG Bulletin.

He serves as a member of the National Research Council Committee on Paleoclimatology and Paleocceanography and the National Science Foundation. Submarine Geology and Geophysics Program Panel.



Michael A. Arthur

State-Fayette. As a member of the staff he also will provide support to the many community programs sponsored by the campus in its five-county service area.

Mr. Drozd previously was director of development for Penn's Southwest Association and is a former program controller for the world news operations of ABC Network News. He holds a master's degree from Duquesne University and did postgraduate work at New York University. He has been a faculty member at both Robert Morris College and the University of Pittsburgh.



Matthew J. Drozd

years as office manager at Penn State Harrisburg's Admissions Office where she served as the assistant to the director of enrollment planning, recruitment and admissions, supervised clerical staff and office operations and coordinated the College Level Examination Program (CLEP).

In 1986, she was appointed graduate and undergraduate admissions counselor at the College, a position she has held since that time.

Ms. Landis received her bachelor of humanities degree in 1980 and master of arts in humanities degree in 1990 from Penn State Harrisburg.



Millie J. Landis

She is a graduate of Indiana University of Pennsylvania with a B.S. degree in business administration and an M.A. in human resources management/labor relations.

Prior to joining the University staff, she was a supervisor with the U.S. Bureau of the Census in State College. Earlier, she had been assistant staff consultant with Mercer-Meidinger-Hansen, in Atlanta, Ga., and an accountant for Astrotech International Corp., Pittsburgh.

Millie J. Landis has been appointed coordinator of graduate admissions at Penn State Harrisburg.

Ms. Landis previously worked for 10

Marlene Wray has been appointed classification analyst in the Office of Human Resources.

Matthew J. Drozd has been appointed director of development and university relations at the Penn State Fayette Campus.

His primary duties will be to raise funds and develop new opportunities for Penn

Carpooler

Janet is looking for a ride from Pleasant Gap to University Park. Work hours are 8 a.m. to 5 p.m. Call 865-4641 (work) or 359-4143 (home).

News in Brief

Department moved

The Agronomy Department has moved from Tyson Building to 110 Agricultural Sciences and Industries Building.

Mont Alto fax number

The Penn State Mont Alto Campus has a new fax number: (717) 749-5215. The previous fax number, (717) 749-3933, is now for library use only.

Martial arts seminar

Grandmaster Choon Hwa Han, 8th degree black belt, and Master Joony Y. Kim, 7th degree black belt, will conduct a seminar from 7 to 9 p.m. Friday, Feb. 8, and 10 a.m. to 2:30 p.m. Saturday, Feb. 9, in Room 126 White Building at University Park.

The seminar includes instruction in special techniques for kicking, free fighting, breaking, self-defense and various weapons. Students of all ages and levels, beginner to black belt and from all martial arts styles are welcome.

Admission for spectators is \$2 on Friday and \$5 on Saturday. Participating

students pay \$10 Friday, \$20 Saturday, or \$25 for both days. For more information, call Don Schüle at (814) 400-2135.

Brown bag luncheon

Stephen Belcher, lecturer in the Comparative Literature Department, will speak on "Turbulent Centuries: A West-African Progression," as part of the Comparative Literature brown bag luncheon series at 12:15 p.m. Monday, Feb. 11, in 101 Kern Building at University Park.

The luncheon is co-sponsored by the Women's Studies Program, the Black Studies Program, the Center for Women Students, the School of Communications, the School of Visual Arts, the departments of English and History, and the Institute for the Arts and Humanistic Studies.

Those interested in attending the lecture only should arrive before 12:45 p.m. Coffee and tea will be provided to accompany a brown bag lunch.

Career planning program

The Returning Adult Student Center is offering a four-part program on "Career and Life Planning for Returning Adult Students" at 12:30 p.m. in Room 329 Boucke Building at University Park. Gretchen Erb and Marcia Pomeroy, of Career Development and Placement Services, are presenting the program.

Sessions remaining are Feb. 13, "Interviewing Skills," Feb. 20, "Effective Job Search," and Feb. 27, "Balancing Multiple Roles."

For more information, contact the Returning Adult Student Center at 863-3887.

Former diplomat to speak

David Dean, former senior diplomat to China and Taiwan, will deliver a lecture on "Taipei, Washington and Peking" at 5 p.m. Thursday, Feb. 14, in 112 Kern at University Park.

Mr. Dean was a foreign service officer from 1951-79. He served in Peking as deputy chief of mission, in Hong Kong and in Taipei as political counselor and charge d'affaires. He was counselor to the United States ambassador in Warsaw

(1940-60) during the U.S.-China talks.

His lecture, free to the public, is sponsored by the Center for East Asian Studies. For further information, contact Parris Chang at 865-1698.

Women's Alliance

Marion Gindes will present a workshop titled "Women as Managers: Myths and Realities" at a meeting of the Women's Alliance at 9:30 a.m. Saturday, Feb. 16, at the Best Western State College Inn.

Dr. Gindes will examine the roles women assume as managers, including queen bee, martyr, token, Everywoman, and mentor. She also will discuss competition and collaboration, communication styles, and conflict resolution.

A psychologist for more than 20 years, Dr. Gindes currently is an adjunct professor of psychology at Penn State and is a member of the faculty of the New School for Social Research.

Cost of the workshop is \$6. To make reservations, contact Gail Karon, at 863-1033, or 243K Hammond Building, University Park, no later than Feb. 11.

Partings

Robert E. Henderson, professor of mechanical engineering and assistant director of applied science at the Applied Research Laboratory, has retired after 32 years of service.

After a year as an aerodynamicist at McDonnell Aircraft, Dr. Henderson joined ARL in 1959. From 1964 to 1980, he directed the Propulsor and Turbomachinery Research Group. His joint appointment with the Mechanical Engineering Department started in 1974, when he began teaching courses in fluid mechanics and turbomachinery.

In 1983 he was appointed head of the Fluid Dynamics and Turbomachinery Department. Most recently, he has served as assistant director of ARL's applied science division.

Dr. Henderson earned his bachelor's and master's degrees in aeronautical engineering from Penn State in 1958 and 1962, respectively. He received his doctorate in mechanical engineering in 1973 from the Churchill College of the University of Cambridge.

Dr. Henderson is a member of ARL's Executive Committee, Sigma Xi, and numerous professional associations, and he is an advisory editor for the *International Journal of Heat and Fluid Flow*. He has received ARL's Distinguished Performance Award and was an Elected Fellow of the American Society of Mechanical Engineers.

Kenneth W. Holt, associate professor of engineering at the Penn State Delaware County Campus, has retired after 21 years of service.

Professor Holt, who joined the faculty when the campus opened in 1968, is a graduate of Penn State, a registered



Robert E. Henderson

professional engineer, and a registered architect.

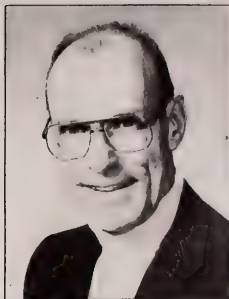
An avid reader and collector of Civil War material, he also is an accomplished photographer, with Civil War artifacts and architecture his frequent subjects.

Professor Holt also has worked for several engineering and architectural firms in the Philadelphia area and has taught structural engineering at Drexel University.

Lawrence E. Horner has retired as a warehouse worker in Purchasing Services after 37 years service.

Mr. Horner was responsible for setting prices for items in the sales store. The biggest change since he began working at Penn State in 1953 came when the University created the sales store and replaced the semi-annual auctions.

He said he liked his job because he was



James H. Prout

involved in all types of retail, and everyday was different. He plans to start an equipment buying and re-selling business during retirement.

A resident of Spring Mills since 1955, Mr. Horner and his wife, Mary, have three children, Sharon, Tammie and Laron.

Roslyn G. Levine, research assistant in the Department of Plant Pathology, has retired after 25 years service.

She conducted research with Felix Lukacz on tomatoes, alfalfa and other crops. She also directed the root disease and nematology labs in Buckout Building, helped graduate and undergraduate students with projects and conducted physiological tests on diseased plant specimens.

"My favorite part of the work was getting to know people," Ms. Levine says. "I've made lasting friendships with people I

worked with over the years."

Before joining the Plant Pathology Department in 1965, she worked as a medical technician at St. Francis Hospital in Pittsburgh, as a medical research technician in endocrinology at Philadelphia General Hospital and as a chemist and bacteriologist at the Fort Lauderdale Water Works in Florida.

Ms. Levine lives in Bellefonte with her husband, Leonard. She pursues her musical interests by playing cello. She plans to spend more time bowling, golfing and visiting her sons and grandchildren.

James H. Prout, associate professor of engineering research at the Applied Research Laboratory, has retired after 30 years of service.

In July, 1961, Mr. Prout joined ARL as an assistant professor of engineering research and was promoted to associate professor in 1967. From 1971 to 1980, he held a joint appointment with the Environmental Acoustics Laboratory. He specialized in acoustic instrumentation, data acquisition and analysis.

Mr. Prout has four patents, including one for a non-contacting ultrasonic electromagnetic transducer for material testing and inspection.

He earned his bachelor's degree in physics at Purdue University in 1952 and a master's degree in physics at the University of Michigan in 1958.

Mr. Prout is a member of the Acoustical Society of America and Sigma Xi. He has received an award as co-author of "Community Noise Fundamentals: A Training Manual and Study Guide." He was given a citation for developing a standard for an Occluded Ear Simulator for calibrating hearing aid earphones.

Obituaries

James P. Gallagher, professor of animal science, died Jan. 5 at the age of 63.

He earned his bachelor and master of science degrees from Penn State. On Jan. 1, 1959, he was appointed assistant county agent in Clearfield County and in 1963 he transferred to Cumberland County. In 1965 he transferred to University Park as an equine specialist for the Colleges of Agriculture.

He conducted the first interstate 4-H horse judging contest in the United States, which became the National 4-H Horse Judging Contest with the Eastern Seal Society, he organized the handicapped riding programs in Pennsylvania.

In recent years he coordinated the animal science extension program in the College of Agriculture.

At the time of his death he was involved in the planning for the founding of the Pennsylvania Center for Integrated Therapy and in the economic impact study of the equine industry in Pennsylvania.

Memorial contributions may be made to the Pennsylvania Council on Horseback

Riding for the Handicapped, Room 1, Armsby Building, University Park, Pa. 16802.

Morris G. Mast, professor of food science, died Jan. 9, he was 80.

He earned his bachelor of science degree in biology from Goshen College in Indiana, and his master's and doctoral degrees in food science at Ohio State University. Prior to receiving his advanced degrees, he was quality control manager for Victor F. Weaver in New Holland.

In 1971 he joined the faculty of the College of Agriculture as a poultry products processing specialist. During his 19 years at Penn State, he developed and taught several poultry and muscle foods courses in the Food Science Department.

His research activities involved the study of improving the quality of muscle foods, including poultry and fish.

He was a member of the Institute of Food Technologists, the Poultry Science Association, Extension Professors Association, Pennsylvania Poultry Federation, Council for Agricultural Science and Technology, Sigma Xi, Phi Tau Sigma, Gamma Sigma Delta, and American Men and Women in Science.

George F. Johnson, professor emeritus of agricultural extension, died Jan. 13 at the age of 92.

He joined the faculty Dec. 1, 1935, as a specialist in visual education and spent the following 27 years developing and directing the agricultural Extension program in visual aids and pictorial journalism. He had previously served as director of the bureau of statistics and information for the Pennsylvania Department of Agriculture and the Pennsylvania Farm Show in Harrisburg for 12 years.

He earned his bachelor of science degree at Ohio State University in 1910, his master of science degree at the University of Wisconsin in 1922 and his doctoral degree at the University of Wisconsin in 1926.

Dr. Johnson was a life member of the American Association of Agricultural College Editors and the Photographic Society of America.

Judy L. Swartz, area representative for continuing education at the Penn State York Campus, died Jan. 13 at the age of 49.

Ms. Swartz joined the campus staff in

1973 as public information coordinator. She later served as program assistant for continuing education before being named area coordinator.

A 1962 graduate of Shippensburg University with a B.S. degree in elementary education, she was a former elementary teacher for Central York Schools.

Doris Patrick, retired records clerk in medical records at Hershey Medical Center, died Dec. 21 at the age of 57. She had retired on disability Oct. 31, 1988, with eight years of service.

Mark F. DeGrasse, experimental propeller fabricator B at the Applied Research Laboratory, from Nov. 13, 1986, until his retirement Jan. 10, 1990, on disability, died Dec. 27. He was 44.

George A. Gardner, lead painter, Office of Physical Plant, from March 1, 1962, until his retirement Jan. 1, 1981, died Jan. 3. He was 73.

George L. Kardoley, maintenance worker utility, Office of Physical Plant, from May 13, 1974, until his retirement May 1, 1988, died Jan. 5 at the age of 68.

Bookshelf

Juan Fernandez Jimenez, professor of Spanish at Penn State Erie, The Behrend College, is co-editor of a volume of 38 essays titled *Utopías en la historia de Europa* (*Utopias in History of Europe*). The book's co-editors are José J. Labrador Herráiz of Cleveland State University and Teresa Valdivieso of Arizona State University. The book is published by the Association of Spanish Professionals in America.

Three professors of Spanish at University Park have contributed essays. **Frederick de Armas**, a specialist in the literature of the Spanish Renaissance and a Fellow of the Institute for the Arts and Humanities Studies, wrote "The Hippogriff as Vehicle: Layers of Myth in *La vida es sueño* (*Life is a Dream*)".

Martha T. Halsey, whose field is contemporary Spanish drama, wrote "Bucro

Vallejo and Velazquez," while **Robert Lima**, another specialist in modern Spanish literature and a Fellow of the Institute for the Arts and Humanities Studies, contributed an essay on "Supernatural Fantasy in Spanish Drama."

"Dr. Jimenez also contributed an essay titled "Apuntes sobre 'Faustino,' obra dramática de Emilio López," ("Notes on 'Faustino,' a play by Emilio López Medina").

A translation of Lina Kostenko's poetry, *Selected Poetry of Lina Kostenko: Wanderings of the Heart*, by **Michael Naidan**, associate professor of Slavic languages, has been released by Garland Publishers in New York.

The book translates more than 100 poems by the leading Soviet Ukrainian poet writing today and includes a critical introduction and notes by Dr. Naidan.

Director of clinical services being sought

A search and screening committee has been formed to seek candidates for the position of director of clinical services for University Health Services.

Stanley P. Mayers Jr., associate dean, College of Health and Human Development, will chair the committee.

The director of clinical services is responsible for formulating medical policy for student health services, supervising all clinical staff, including health promotion and education, and serving half-time as a staff physician. Candidates should be board certified or eligible in family practice or internal medicine, as well as be eligible for licensure in Pennsylvania. They should have previous medical experience in adolescent/young adult medicine.

Committee members include **University Health Services staff members Hattie Faison**, physician; **Jane Galas**, head nurse;

Pat Irwin, acting primary care coordinator; **Susan Kennedy**, associate director for health promotion and education; **David Lindstrom**, assistant director; **Joanna Moyer**, nurse practitioner; and **Janet Polansky**, physician.

Dennis Heitzmann, director, Center for Counseling and Psychological Services; **Abbas Aminmansour**, graduate student; **Kim Schriver**, president, Student Health Advisory Board; **Brent Watson**, Undergraduate Student Government/Student Health Advisory Board; **Susan Williams**, vice president, Advisory Board, USC.

Applications will be accepted until the position is filled. They should be sent to Stanley P. Mayers Jr., Chair, Search Committee, Penn State, Employment Division, Job No. N-1145, 120 S. Burrows St., University Park, PA 16801.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-5004. Applications for these staff vacancies will be accepted until Feb. 14. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment practices (FS-1) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law) sex, or status as a disabled or Vietnam era veteran.

■01286, Assistant Financial Aid Coordinator, Academic Services, Student Aid, University Park Campus - Responsible to the director of client and campus services for assisting in designing creating, and maintaining Client Service procedures, working with students, parents and other offices and agencies with financial aid matters and assuming responsibility for other related aid administration functions. Requires:

bachelor's degree or equivalent, plus one to two years of effective experience in an area applicable to aid administration. Excellent interpersonal skills are required. STAFF GRADE 5.

■01287, Architect/Planner, Office of Physical Plant, Facilities Planning, University Park Campus - Responsible to the manager, Facilities Planning, for conceptual design of projects and planning studies. Requires bachelor's degree in architecture, or equivalent plus two to three years of effective experience in architectural design and campus planning in a college or a university environment. Professional registration as a licensed architect or planner is required. STAFF GRADE 7.

■01288, Marketing Manager, CES, Conference Center/Nittany Lion Inn, University Park Campus - Responsible to the director of the Conference Center and the general manager, Nittany Lion Inn, for the implementation of sales and marketing efforts to maximize the use of University conference, food, lodging, and hospital services and facilities. Requires bachelor's degree, or equivalent, in marketing or related field and two to four years of effective experience, preferably in the hospitality industry or

internal sales and marketing. Requires excellent interpersonal and organizational skills and frequent travel. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1993. WITH GOOD POSSIBILITY OF RE-FUNDING STAFF GRADE 7.

■01289, Coordinator Residence Hall Programs, Student Services, Campus Life, University Park Campus - Responsible for assisting with the supervision and administration of a residence hall community and for supporting and promoting a diversified residential program. Requires bachelor's degree, or equivalent, plus over one year of prior effective experience. Candidates should possess a thorough understanding of the role and purpose of residence hall living as it applies to student development, human relations, and community awareness. THIS IS A CONTINUING, 16-MONTH, LEVELIN POSITION. FURNISHED APARTMENT AND MEAL PLAN AT A NOMINAL FEE. STAFF GRADE 6.

Hershey

For the following position vacancies, apply directly to The Milton S. Hershey

Medical Center. Attach resume with cover letter indicating the position vacancy code and forward to the Department of Human Resources. Hershey, or call the Hershey bus line at (717) 531-8531 by Feb. 14.

■11288, Speech Language Pathologist, University Hospital Rehabilitation Center for Children and Adults - Responsible to the manager, Speech and Language Pathology, for performing a wide variety of duties in the diagnosis, treatment and evaluation of persons with various speech difficulties and deficits. Requires a master's degree in speech pathology with Certificate of Clinical Competence in Speech Pathology from the American Speech and Hearing Association, plus one to two years of effective experience. STAFF GRADE 6.

■11289, Programmer Analyst, Department of Information Systems - Responsible to the manager, Information Systems, for the analysis of how data processing can be applied to specific user problems for the design of effective data processing solutions and for the development of effective efficient and well documented programs. Requires a bachelor's degree in computer science or

equivalent plus one to two years of effective experience. STAFF GRADE 6.

■11290, Draftsperson, Department of Physical Plant, Division of Engineering and Projects - Responsible to the project coordinator for the development of drawings and specifications for maintenance operations, alterations and selected new projects for the Medical Center mechanical systems, electrical systems, buildings and yards. Requires an associate degree in architectural drafting or equivalency plus two to three years of effective experience including electrical mechanical drafting. STAFF GRADE 5.

■11291, Manager, Publications/Public Relations, Department of Public Relations - Responsible to the director, Public Relations, for managing the approved publishing program including writing, editing, advertising, production and distribution of all publications. Requires a bachelor's degree or equivalency in journalism or related field plus one to two years of effective experience in writing and editing publications. Knowledge of printing procedures and news media practices is required. STAFF GRADE 6.

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7517.

William E. Campbell Jr., Editor
Deborah A. Benedetti,
Assistant Editor
Kathy Garman, Calendar

February 7, 1991
Vol. 20, No. 20

FITNESS CENTER

New fitness center available to faculty, staff and students is open in McCoy Natatorium. See the story on page 3.

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INTERCOM

February 14, 1991

Volume 20, Number 21

Project will begin at University Park

A Pennsylvania Department of General Services project will begin construction this spring to improve and enhance the water production, storage and distribution systems at University Park.

A new elevated water tank, which is the most visible portion of the project, will sit at the western edge of the Blue Golf Course.

"The project will address deficiencies in the distribution system and extend major lines to service facilities," James Wagner, vice president for business and operations, said. "Two wells, which were drilled several years ago, will be placed into service to provide a reliable supply and to answer increased needs for water."

"However, the University still urges all students, faculty and staff to continue conserving the use of this precious resource."

During the construction activities, some temporary traffic disruptions will occur on Pollock and Bigler roads on campus. Utility construction activity also will occur on North Atherton Street near the Pollock Golf entrance and on Corl Street in the golf course area.

Proposed budget suggests appropriations freeze

The 1991-92 budget proposed to the General Assembly by the governor last week suggests freezing the appropriations for Penn State and other state-related and state-owned universities for the next year.

The governor indicated the state faces another year of tight revenue resources. Under the proposal which now goes before the General Assembly, Penn State would actually have its budget cut by about \$1.5 million from the originally approved \$251.9 million for 1990-91. Last month the governor cut about 5 percent, or \$12.0 million, from this year's appropriation.

A zero increase budget from the state would put us even further behind in our multi-year plan for Pennsylvania to reach the national average in appropriations per full-time equivalent student for public higher education," President Thomas said.

Currently Pennsylvania funds public higher education at one of the lowest rates of any state in the nation.

"A zero increase budget also fails to recognize the significant and unavoidable cost increases that Penn State will face for 1991-92. Unless the General Assembly and the governor can find the means to provide

'We are disappointed that a higher priority was not placed on higher education in this proposed budget.'

'We will continue to press our case vigorously with the General Assembly this spring as the Commonwealth moves toward final budget resolution by June 30.'

—President Thomas

more support for the University, a larger tuition increase than we had planned for in our 1991-92 appropriation request will be required," he added.

Dr. Thomas said that because of the economic pressures on students and their families' every effort will be made to keep any tuition increase at a reasonable level.

State funds make up approximately 30 percent of the University's \$1.2 billion operating budget.

"We are disappointed that a higher priority was not placed on higher education in this proposed budget," Dr. Thomas said.

"We will continue to press our case vigorously with the General Assembly this spring as the Commonwealth moves toward final budget resolution by June 30."

Recommended appropriations for two line items have been reduced from the 1990-91 level. The budget proposes a reduction of \$2 million (10 percent) for agricultural research and \$250,000 (15 percent) for psychiatric education at the Hershey Medical Center.

"These cuts will seriously impair our ability to serve the Commonwealth in these important areas," Dr. Thomas said. University officials are scheduled to travel to Harrisburg to testify at a budget hearing before the Senate Appropriations Committee on Feb. 25. The House plans to hold a budget workshop on Feb. 27.

Penn State had requested the state increase the University's appropriation by 13.1 percent for 1991-92.



Inside Out

The clock on Old Main at University Park takes on a different perspective in this Greg Grieco photo from inside the Old Main tower.

Two CES divisions have new reporting lines

Two divisions within the Commonwealth Educational System now have new reporting lines, according to Richard E. Grubb, senior vice president and dean of CES.

Both the Division of Media and Learning Resources and the Division of Planning Studies, which had reported to the senior vice president and dean of the Commonwealth Educational System, now will report to the vice president for Continuing Education.

The changes follow recommendations made by a strategic study group which called for a major reorganization of Continuing Education and the creation of administrative structures to support market research, program development and the full utilization of instructional technology in the delivery of programs.

"By incorporating these units into an already thriving Continuing Education structure, the University enhances its responsiveness in program development and delivery," James H. Ryan, vice president of Continuing Education, said.

In a sense, this is a homecoming since both units had their origins in Continuing Education. We are pleased to have the talents and abilities of these two nationally recognized units returning to Continuing Education.

See "CES" on page 3.

Focus on Diversity

Number of activities conducted in honor of Black History Month

A number of additional activities are being conducted at University campuses during February in honor of Black History Month.

At University Park, an exhibit, "Educating America: Black Universities and Colleges, Strengths and Crises," is on display in the Black Studies Room in Pattee Library. The exhibit is from the Association for the Study of Afro-American Life and History, publishers of *New Africanist Bulletin*. A panel discussion and lecture on

"Malcolm X: A Life, Legacies and Lessons" will be held at 7 p.m. Wednesday and Thursday, Feb. 20 and 21, in the HUB Ballroom. The event, featuring Zak Kondo, of Bowie State University, is co-sponsored by the Office of Student Activities and Religious Affairs and the Black Caucus.

Two exhibits featuring the works of Black artists are on display at the Penn State Altoona Campus. The exhibit in the Sheetz Gallery, "Black Women: Achievement Against the Odds," is a traveling exhibit which focuses on the talents and achievements of more than 100 Black women. "From our View... A Black Perspective," a mixed media exhibit by the late James T. McDowell Sr. and James McDowell Jr., is on display in the McLanahan Gallery.

At Penn State Erie, The Behrend College, the Erie Bayfront Ballet will present "The Dream Lines On," the story of the struggle and triumph of Dr. Martin Luther King Jr., at 8 p.m. Friday, Feb. 15. Joe Clark, the

controversial New Jersey principal who inspired the film, "Lean on Me," will speak at 8 p.m. Tuesday, Feb. 19. Trumpet soloist Robert Howard, a member of the University music faculty, will present a concert at 8 p.m. Thursday, Feb. 21.

The Minority Students' Association at the Penn State Fayette Campus will hold its second annual Martin Luther King Jr. Achievement Banquet at 6:30 p.m. Saturday, Feb. 23.

As part of the "Shades of Black" presentation at Penn State Harrisburg, a panel discussion on Blacks and immigration to the United States will be held at noon Monday, Feb. 18. An art exhibit of works by Peter L. Robinson Jr. through Feb. 22 will conclude the series of events.

At the Penn State Schuylkill Campus, Edris Makward, professor of African languages and literature at the University of Wisconsin, Madison, will present a lecture titled "Black and African in Today's America" at 8 p.m. Thursday, Feb. 21.

Black History Month events at the Penn State York Campus include a lecture on "People and the Arts of West Africa, African American Artists" by Catherine R. Joslyn, associate professor of art at Clarion University, at 7:30 p.m. Tuesday, Feb. 26. At 7:30 p.m. Thursday, Feb. 28, Marilyn Mumford, professor of English at Bucknell University, will speak on "Images of Racial and Ethnic Children in American Children's Books."



Kente cloth

Stephen A. Mellish and Harriet Schiffer model kente cloth garments included in the "Kente: Cloth of the Asante Kings" exhibit on display at the Paul Robeson Cultural Center at University Park. (Photo: Greg Grieco).

Diversity Opportunities Calendar

Thursday, Feb. 14

Paul Robeson Cultural Center, 8 a.m. to 5 p.m., Robeson Center Gallery. Kente cloth exhibit.

Penn State Harrisburg, Intercultural Concerns, 12:15 to 1:30 p.m., W-117 Olmsted Building. Video: "Cold Water."

Saturday, Feb. 16

American Association of University Women, 1 p.m., Telford Hotel. Mary Gage on "Women as Playwrights."

Monday, Feb. 18

Office of Minority Faculty Development,

8 a.m. to 5 p.m., 309 Kern. Registration deadline for Feb. 23 "Promotion and Tenure" workshop. For more information, contact Leah Witzig at 863-1603.

Tuesday, Feb. 19

Black Caucus, Religious Affairs, 1 to 5 p.m., HUB Fishbowl. Malcolm X film presentation.

Wednesday, Feb. 20

International Lecture Series, 2:30 to 4 p.m., 222 Boucke, International Lounge. Albert R. Jarrett on "Water Development in the Ethiopian Highlands."

Black Caucus, Religious Affairs, 7 p.m., HUB Ballroom. Panel discussion: "The Life, Lessons and Legacy of Malcolm X."

Thursday, Feb. 21

Commission for Women meeting, 1:30 to 3:30 p.m., 256 Hammond.

Black Caucus, Religious Affairs, 7 p.m., HUB Ballroom. Zak A. Kondo, Bowie State University director, international studies program, on "Conspiracy: Unraveling the Assassination of Malcolm X."

Touch of Africa

The eighth annual Touch of Africa will be held from 5:30 p.m. to midnight Saturday, Feb. 23, in the Hetzel Union Building ballroom at University Park.

The Touch of Africa brings together African students to celebrate and share their culture with the University.

The night will consist of a banquet featuring African cuisine, representative of the different regions of Africa; a live band, "Moloko"; a fashion show featuring African fashion; singing, dancing and many other cultural performances.

Tickets are \$10 per adult and \$5 per child. They can be purchased from Dekote Woods (862-7905), Eno Inyang (867-4749), or by contacting the African Student Association office at the Paul Robeson Cultural Center (865-3776).

Women of Color Day luncheon scheduled

Tickets are now available for the fourth annual National Women of Color Day Luncheon at noon Wednesday, March 13, in the Nittany Lion Inn at University Park.

The special luncheon is sponsored by the Central Pennsylvania Women of Color to recognize the contributions of area women of color to Penn State and local communities.

Speakers include Women of Color members from each ethnic group. The 1991

WOC Professional and Humanitarian Achievement Awards also will be presented.

Tickets are \$10 per person and are available by contacting Puring MacDonald, Floyd Building, University Park, at (814) 865-2016. The deadline for reservations is March 1.

In keeping with the cross-cultural spirit of the occasion, a vegetarian menu will be served. Ethnic dress is welcomed.

WPSX-TV programs

At 9 p.m. Monday, Feb. 18, on WPSX-TV, *The American Experience* showcases a film about "Adam Clayton Powell." The film tells the rise and fall of the charismatic Black preacher from Harlem who at the height of his career was one of the most powerful and controversial politicians in America.

At 10 p.m. Monday, Channel 3 presents *King: A Filmed Record - From Montgomery to Memphis* - an unparalleled assemblage of motion picture footage, much of it never previously shown.

Carpoolers

Wayne would like to carpool from Lock Haven to University Park. Work hours are 8 a.m. to 5 p.m. Call 863-0837 or (717) 748-2640.

Jolene wants to carpool from Philipsburg to University Park. Work hours are 7 a.m. to 4 p.m. Call 865-4731 or 342-4286.

CES

Continued from page 1.

"As we look to the future and the forces driving higher education, such as the increase in adult students, cultural diversity, and the increased commitment to training and development in the workplace, the role of Continuing Education will take on new importance to Penn State. Both units will help us do a better job of meeting the needs of the Commonwealth and the nation."

The Division of Media and Learning Resources, headed by **Marlowe Froke**, is a University-wide media-based resource consisting of WPXS-TV, Independent Learning, Audio-Visual Services, Photo/

Graphics, and Materials Procurement.

The Division of Planning Studies consists of the Office of Institutional Research which provides information and data for various units within the University to help them address their planning needs, and the Office of Continuing Professional Education, which promotes continuing professional education throughout the University, higher education and the professions.

Wayne D. Smutz currently is acting director of Planning Studies, filling the vacancy created by former director **Donna S. Queeney's** promotion to director of research and external relations for Continuing Education.

See story on page 5.

Australian politics

Paul Achfeld, president of the South Australian branch of the Australian Labor Party, and Grahame Morris, deputy director of the Liberal Party Federal Secretariat in Canberra, will present a seminar on "Political Parties and Campaign

Strategies in Australia: Views from Opposing Practitioners" at 3:30 p.m., Thursday, Feb. 21, in Eisenhower Chapel Lounge at University Park.

The public is invited to attend the seminar, which is sponsored by the Australia-New Zealand Studies Center.

Faculty Senate News

The University Faculty Senate will meet at 1:30 p.m. Tuesday, Feb. 19, in 112 Kern Graduate Building at University Park.

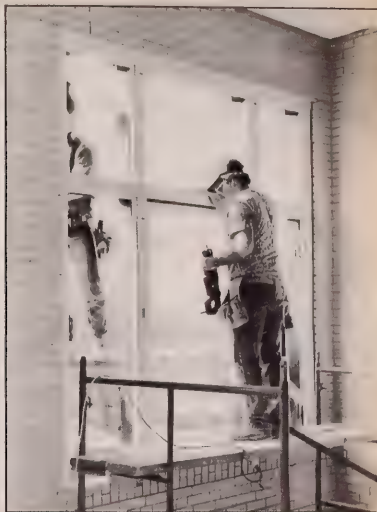
Items to be discussed at the Feb. 19 meeting:

- Patterns of Usage of General Purpose Classrooms at University Park
- Status of Construction Programs
- Late Adding of Courses
- Revision to the *Senate Constitution, Bylaws, and Standing Rules*
- Change in *Constitution, Article II, Section 5*
- Guidelines for Submitting Writing Intensive Course Proposals

- Faculty Salaries - Analysis of Gender, Location and Minority Status Differences in Salaries
- State of the Libraries

Items discussed at the Jan. 22 meeting:

- Comparisons of Student Retroactive Withdrawal Petitions
- Advanced Standing with Academic Renewal
- Deletion of Senate Policy 83-20 - Exemption to Physical Education Requirements
- Instruction for New Graduate Students in Teaching and the English Language
- Faculty Census Report - 1991-92



Carnegie Renovation

Renovation of Carnegie Building at University Park continues as workmen install energy saving windows specifically selected to maintain the historical integrity of the building. The interior renovation of Carnegie, which houses the School of Communications, is expected to be completed by the middle of the summer. (Photo: Greg Grieco).

Bookshelf

James G. Beierlein, associate professor of agricultural economics, is senior co-author of a new book titled *Agribusiness: Marketing The Management Perspective*. Published by Prentice-Hall, the text takes

a practical approach to managing the emerging global food and fiber system. The perspective is that of individual managers of agribusinesses and what they can do to make their firms succeed in today's highly competitive market. Topics range from market planning and product branding to commodity futures and options markets.

Children taught to write and illustrate folk tales

Teaching children to write and illustrate their own folk and adventure tales is a creative way to help them improve their reading, writing and thinking abilities, according to **Richard Ammon**, associate professor of education at Penn State Harrisburg.

"Advocates of process writing and writing-across-the-curriculum believe that reading teaches writing and writing teaches reading. Few teaching strategies achieve this two-fold objective as well as teaching children to write and illustrate their own folk and fairy tales. During the exercise, students learn the process of writing - drafting, revising, polishing, illustrating and publishing," Dr. Ammon noted.

In 1989, he had the opportunity to test this strategy. He applied to the United Federal Savings Bank Endowment for the Enhancement of Undergraduate Instruction for funding for a special topics course.

The United Federal Endowment is administered by the Office of Undergraduate Education under the direction of Jerry B. Covert, associate dean for undergraduate

education. Each year, faculty members are invited to submit proposals for funding of projects that enhance undergraduate education.

The special topics course would provide undergraduate education majors studying children's literature, art, writing and folk tales with a method for teaching children in middle school through high school how to write and illustrate stories modeled on traditional folk and adventure tales.

With funding from the endowment, he and several Penn State Harrisburg colleagues, along with noted children's book author/illustrator Molly Bang, taught 200 eighth grade students in Harrisburg area schools while University students observed.

Ms. Bang, a Caldecott Honor medalist and the author and illustrator of many children's books, served as consultant-in-residence for faculty development in the divisions of Education and Humanities at the campus as part of the special topics course.

The participating students included 60 from Dr.

Ammon's education class, who observed the teaching of the eighth grade students, and 20 each from **Linda Ross' art class** and **Donald Wolff's** writing class, who met with Ms. Bang in their classrooms.

She uses the folk/adventure tale teaching strategy because "this structure is one of the fundamental structures of Western literature." It is a structure that teen-agers can see in many stories and movies.

As they write their own folk and adventure tales, the process helps them to channel their often intense and fluctuating emotions into something meaningful, according to Ms. Bang.

Dr. Ammon, who has been a member of the Penn State Harrisburg faculty for 19 years, is working to have "Teaching Folk and Fairy Tales" adopted as a new catalog course.

"The number of spinoffs from this method of teaching young people how to read and write is infinite," he said.

—Deborah A. Benedetti

Human Resources seeks volunteers for focus groups

The Staff Position Evaluation and Compensation (SPEC) program will result in a new job evaluation and compensation program for occupations currently called clerical, staff nonexempt, and staff exempt. These three categories will be combined into a single category called staff.

The development of a new compensation program and methods of salary administration involve a number of topics which require study in the coming months. Many of these topics were held during employee meetings, held early in 1990 and published in *Intercom* in May 1990. Subjects requiring study include such issues as pay

for performance, salary management practices and performance appraisal.

The combination of clerical, staff nonexempt, and staff exempt classifications requires a study and revision of policies which will affect employees in the new staff category. These topics also were identified during the employee meetings of 1990 and include vacation earnings, paid and unpaid absences, employment practices, grievance procedures, and probationary periods.

The Office of Human Resources is seeking the assistance of faculty and staff to study these subjects and to react to ideas and proposals. The goal is to create a total

human resources program which will meet the values and needs of Penn State.

Focus groups will be formed in the coming months to react to a wide variety of human resources matters. Focus group members will be volunteers from all University locations interested in becoming a part of the process. Groups will be formed at locations away from University Park to assure input from the total University community.

The focus group process continues Penn State's human resources philosophy of increased employee involvement in subjects which will affect the lives of staff members." Billie S. Willis, assistant vice

president of human resources, said. "The efforts of these groups will help shape Penn State's human resources program for the future."

Members of the clerical, staff nonexempt, and staff exempt classifications, and faculty members are encouraged to volunteer for this effort. Interested individuals should indicate their interest by completing a form which is available in the office of each Human Resources representative or Director of Business Services. Forms also are available by calling the SPEC telephone information line. (614) 865-1313.

News in Brief

Returning adult student program

The Returning Adult Student Center is sponsoring a program for returning adult students titled "Finance Empowerment: Gaining Control Over Your Personal Finances" at 12:30 p.m. Tuesday, Feb. 19, and 6 p.m. Wednesday, Feb. 20, in 329 Boucke Building at University Park. If you are interested in attending and would like further information, contact the Returning Adult Student Center at 863-3887 or stop by 323 Boucke.

Radio Australia

Penn State radio station WPSU (91.1 FM) has begun a regular, hour-long weekly broadcast of Australian news stories. The program, called "Radio Australia in America," is aired Mondays from noon to 1 p.m. and is produced by Radio Australia for use by American PBS stations. WPSU is operated by students in the School of Communications and volunteers.

Model United Nations

The International Affairs Association of Penn State Harrisburg will hold its 19th Annual Model United Nations Feb. 21, 22 and 23.

There will be 350 participants including students from 19 Central Pennsylvania high schools. The purpose of the event is to increase student understanding of the United Nations.

Professional Women at Penn State

Kathy J. Plavko, senior office information specialist, Management Services, will speak on "Computer Structure at Penn State," at a meeting of Professional Women at Penn State at 11:45 a.m. Tuesday, Feb. 26, in the Frizzell Room, Eisenhower Chapel. Professional Women at Penn State is a grass-roots group coordinated by University women in which participants can develop and maintain a communications network and serve as a

resource for other Penn State women.

The group welcomes attendance from all classifications at the University.

Chemistry society wins award

The Eberly College of Science's Nittany Chemical Society, a Penn State student affiliates chapter of the American Chemical Society (ACS), has received special recognition as a Commendable Chapter.

Research proposals sought

The College of Agriculture is soliciting research proposals that encourage intercollege and interdisciplinary research. An internal grants program will be used to fund a limited number of new proposals. Approximately \$430,000 is available for allocation.

This limited funding should be considered "seed" money. It is expected that investigators will establish creditable working relationships or teams that can compete successfully for external support in the future.

An original and 12 copies of each proposal should be submitted through the appropriate academic unit leaders and research deans to 329 Agricultural Administration Building by April 1. Announcement of awards will be made by June 1. For more information, call the Office for Research at 865-5410.

Tree restoration grant

The Metropolitan Edison Company (Met-Ed) has contributed \$40,000 in continued support to the Municipal Tree Restoration Program, a cooperative effort of Penn State, the Pennsylvania Bureau of Forestry, power companies and local communities to improve the appearance, safety and health of street trees. The U.S. Forest Service also has provided support for the program.

In addition to research, the program offers workshops and assists communities in developing plans for

planting, pruning and removing trees. A collection of "Street Tree Factsheets" are available to help municipalities select appropriate trees for different types of environments.

Science lesson plans

Peter Rubba, associate professor of science education, and David Klindienst, science curriculum coordinator for the State College Area School District, have published a set of computer software disks, as Apple Works files, titled "Teacher-Developed Elementary Science Learning Cycle Lesson Plans."

These diskettes contain 76 learning cycle science lesson plans developed and field-tested by elementary teachers from Central Pennsylvania.

Funded by the National Science Foundation and the Pennsylvania Department of Education, the lessons are free and may be obtained by sending seven, 5 1/4" disks and a pre-addressed disk mailer with appropriate postage to: Learning Cycle Lesson Plans, Penn State University, 165 Chambers Building, University Park, Pa. 16802.

Summer day camps

Stone Valley Recreation Area will offer two types of day camp programs for children this summer.

Youth sailing day camps will be offered 9 a.m. to 4:30 p.m. Mondays through Fridays. Transportation from University Park and return is included. The emphasis of this program is sailing instruction for beginners.

The second program, Stone Valley Recreation Area Day Camp, will be held 7:45 a.m. to 5:15 p.m. Mondays through Fridays. Transportation from University Park and return is included.

The emphasis of this program is recreational, providing children with the opportunity to sample a variety of recreation/sport activities.

For additional information, call 863-0762.

Dr. Gregersen gets Fulbright Award

Hal Gregersen, assistant professor of management at Penn State-Behrend, has received a Fulbright Award for 1990-91 from the Council for International Exchange of Scholars.

He will use the award to teach in the Turku School of Economics and Business Administration in Finland. Dr. Gregersen's latest research efforts include working for Ford, Kodak, Citicorp, American Express, and other multinationals to learn why American executives living and working on assignments overseas are often unsuccessful.

His next book titled *Global Competition: Strategic Advantage Through People* will be published in 1992.



Hal Gregersen

Obituary

Howard F. Hartman, maintenance worker, New Kensington Campus, from Jan. 10, 1965, until his retirement Nov. 1, 1983, died Jan. 29. He was 69.

Appointments

Andrea Christopher has been named acting director of student programs and services at the Penn State Mont Alto Campus.

Ms. Christopher, who earned a bachelor's degree in sociology from the State University of New York at Cortland and a master's degree in counselor education and student personnel services from Penn State, began her career at the Mont Alto Campus in 1975 as assistant to the director of student programs and services. As assistant director of student programs and services since 1988, she has been responsible for career development and job placement, retention, the Academic Enhancement Program, new student orientation, parent and family orientation, counseling, and the student handbook.

A member of the American Association for Counseling and Development and the American College Personnel Association, Ms. Christopher serves as treasurer of the Pennsylvania College Personnel Association. She is actively involved in a number of campus organizations, including her tenure as chairperson of the Penn State Mont Alto Liaison Committee to the Penn State Commission for Women from 1987 to 1989, and membership in Alpha Sigma Lambda, the National Honor Society for Students in Continuing Higher Education.

A number of appointments and reassignments in Student Services have been announced by William W. Asbury, vice president for student services.

Barbara A. Copland has been appointed special assistant to the vice president for student services. Dr. Copland, a graduate of Western Michigan University, received the master of education degree from the University of Missouri, Columbia, and a Ph.D. in higher education from Penn State. She previously served at Penn State Great Valley and the Penn State Shenango Campus.

Judi Curley, student development coordinator, received a B.A. in Spanish literature and a M.Ed. in counselor education at Penn State. She currently is a doctoral student in counselor education.

Robert Godlove, attorney in the Center for Conflict Management, received a B.A. degree from St. Bonaventure University and a J.D. from the State University of New York at Buffalo. Prior to joining the University staff, he was in private practice in Buffalo for six years.

Ellen Johnson, psychiatrist in the Center for Counseling and Psychological Services, received her B.S. and M.D. degrees from Georgetown University. She previously worked for three years in general



Donna S. Queene

psychiatry for a community health organization in Wellsboro, Pa.

Mariza Ledee has been appointed counselor in Career Development and Placement Services. A graduate of Catholic University of Puerto Rico with a B.A. degree in social work, she received a M.Ed. in counselor education at Penn State. She has served as a vocational counselor with the Labor Rights Administration.

Jill S. Morgan has been named staff psychologist/coordinator of graduate assistant programs in the Center for Counseling and Psychological Services. She received her Ph.D. from Duke University and served as staff psychotherapist, Mental Health Services, the University of Massachusetts, from 1988 to 1990.

Diane Resides, counselor in the Returning Adult Student Center, received B.S. and M.Ed. degrees at Penn State. Previously, she was a coordinator in Residence Life.

Ann Shields, has been appointed assistant director for special programs and projects in the Division of Student Programs. One of her primary responsibilities will be coordination of exhibits in the HUB Galleries.

A member of the University staff for 19 years, she had been coordinator of alumni and minority relations and special events in the College of Arts and Architecture and previously was a producer and director at WPSX. In 1988 she was honored by the National Institute of Women of Color for her leadership in establishing a local Women of Color group.

Margaret E. Spear is physician-in-charge of women's health, University Health Services. She earned an M.D. in 1977 from



Lynn Weber

Mount Sinai Medical School, CUNY; served her residency in internal medicine at Highland General Hospital, Oakland, Calif., and was staff physician, Cornell University Health Services, from 1989 to 1990.

Joy Steel, pharmacist in University Health Services, is a graduate of the University of Pittsburgh School of Pharmacy. She had been with the Veterans Administration in Altoona for six years.

Donna S. Queene, director of Planning Studies, has been named director of research and external relations for the University's Division of Continuing Education.

As a member of Continuing Education's central administrative staff, Dr. Queene will initiate and coordinate a variety of applied research and development projects and program activities, according to James H. Ryan, vice president for Continuing Education.

She will be responsible for establishing institutional relationships with corporations, professional associations, and other higher education institutions, and will serve as Continuing Education's principal liaison with various University colleges, departments, and research centers. She also will develop grant and other funding opportunities.

Dr. Queene has been active in the National University Continuing Education Association, recently serving as a member of its board of directors and executive committee. She is editor of *The Journal of Continuing Higher Education*, and is a member of the editorial board of *Continuing Higher Education Review*.

Phyllis E. Hooven, to secretary A in Office of Physical Plant.

Judith A. Markley, to clerk, typist A in Research and Graduate School.

Pat K. Michael, to accounting clerk in Housing and Food Services.

April J. Sherry, to correspondence typist A in Health and Human Development.

April R. Smith, to secretary B in Earth and Mineral Sciences.



Andrea R. Willard

Dr. Queene joined Planning Studies in 1978. She earned a B.A. degree in liberal arts and M.S. and Ph.D. degrees in human development from Penn State.

Wayne D. Smutz, associate director of Planning Studies, has been named the unit's acting director.

Lynn Weber has been appointed director of development and university relations at Penn State Erie, The Behrend College. Ms. Weber formerly served as associate director of development and university relations.

As director, she is responsible for the College's fund-raising activities, focusing on the cultivation of major gifts, annual and planned gifts, and corporate and foundation gifts. She also supervises alumni relations and public information programs.

She earned her bachelor of science degree in education from Penn State. She is a member of the board of directors of the United Way of Erie County and of the Boys and Girls Club of Erie. In addition, she serves as a corporator for Hamot Health Systems and is a sustaining member of the Junior League of Erie.

Andrea R. Willard has been appointed undergraduate admissions counselor at Penn State Harrisburg.

Ms. Willard will counsel students in the humanities, behavioral science, elementary education and public policy programs and will recruit for Penn State Harrisburg in Pennsylvania, New Jersey and Maryland.

A 1989 graduate of the University, she previously worked as a graduate school admissions counselor for Penn State Harrisburg.

Promotions

Staff Exempt

Mark A. Hinish, to counselor/special support services coordinator in Undergraduate Education.

Staff Non-Exempt

Roberta A. Brough, to financial counselor at Hershey.

Clerical

Kimberly K. Beard, to clerk, insurance team at Hershey.

Technical Service

Konnie M. Fisher, to dining hall worker A in Housing and Food Services.

J. Ronald Harter, to test driver II in Research and Graduate School.

Robert C. Owens, to campus bus driver in Office of Business Services.

Michael J. Surovec, to maintenance worker, utility in Office of Physical Plant.

Focus on the arts

Pianist to perform

Pianist Jonathan Scherer, a student at the Oberlin Conservatory, will give a guest recital at 8 p.m. Wednesday, Feb. 13, in the School of Music Recital Hall at University Park.

The program will include Bach's Toccata in C minor, Beethoven's Sonata in E-flat major, Op. 81a, "Excursions for Piano" by Samuel Barber and Prokofiev's Third Piano Sonata.

Winner of Oberlin's Arthur Dann Piano Prize, Mr. Scherer is sponsored on a series of concerts throughout the United States.

Featured author

The Penn State Bookstore on Campus will feature **Kenneth R. Beitell** from noon to 2 p.m. Friday, Feb. 15, to sign and discuss his new book for children, co-authored with Joan Beitell, *Ralph and Dino in Vermont*. Dr. Beitell also will sign copies of his book *Zen and the Art of Poetry* (Weatherhill, 1989).

Dr. Beitell is the Department of Art Education for 31 years. He is professor emeritus of art education and a fellow emeritus of the Institute for the Arts and Humanistic Studies.

Ralph and Dino in Vermont and *Zen and the Art of Poetry* will be offered at a 20 percent discount during the book-signing session.

Fortepiano concert

Fortepianist Malcolm Bilson will perform a selection of Mozart's piano sonatas at University Park Saturday, Feb. 16. The concert, part of the Mozart 200 festival presented by the Center for the Performing Arts, will be held at 8 p.m. in Schwab Auditorium.

For 20 years, Mr. Bilson has been considered the leading interpreter of Mozart, Haydn and Beethoven on early pianos. His instrument, an authentic replica of an 18th-century fortepiano, is reminiscent of the one Mozart used.

Mr. Bilson currently is the director of keyboard studies in the 18th-century historical performance doctoral program at Cornell University.

As part of Artistic Viewpoints, a free lecture series for the audience, he will speak at 7 p.m. immediately before the performance, in Schwab Auditorium.

Tickets are available at the Eisenhower Auditorium Ticket Office, open Monday through Saturday, 8:30 a.m. to 4:30 p.m.

Bach's Lunch

The Hi-Lo's from the Penn State Glee Club will perform in concert at 12:10 p.m. Thursday, Feb. 21, in Eisenhower Chapel at University Park. The 20-minute concert is part of the Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The program includes selections from madrigal, folksong and spiritual literature. The group consists of around 12 singers from the Penn State Glee Club and is directed by Bruce Trinkle of the School of Music faculty.



This clay vessel with colored slip application by James L. MaloneBeach will be on exhibit at the HUB Gallery through March 3.

China exhibit

About 80 photographs from the archive of sociologist Sidney D. Gamble (1890-1968) will be presented in "China Between Revolutions: Photographs by Sidney D. Gamble 1917-1927" on exhibit through March 10 at the HUB Union Building Formal Art Gallery at University Park.

The exhibition is organized by China Institute of America and Sidney D. Gamble Foundation for China Studies in cooperation with the Smithsonian Institution Traveling Exhibition Service. Major funding was provided by the Henry Luce Foundation.

The exhibition is traveling nationally through 1991 under the auspices of SITES. Nancy Jervis, anthropologist and director of the China Studies Program at China

Institute in America, is the exhibition curator.

A reception will be held at the HUB Formal Art Gallery from 5 to 7 p.m. Tuesday, Feb. 19. Refreshments will be provided.

Wind ensemble

Guests Douglas Meyer, conductor of Penn State's Symphony Orchestra, and Mark Lusk, trombone, will join the Symphonic Wind Ensemble in celebrating its 25th anniversary at 8 p.m. Friday, Feb. 15, in the Recital Hall of the Music Building at University Park.

Mr. Meyer, who also is conductor of the Penns Wood's Music Festival, will lead the Ensemble in a performance of *Jupiter*, one of the movements from Gustav Holst's *The Planets*. Mr. Lusk, a member of the music faculty, will perform Donald Whittels *Tetra Ergon*.

Conductor Smith Toulson will lead the Symphonic Wind Ensemble in Leonard Bernstein's *Diablenotte*, a piece written in 1980 in celebration of the Boston Symphony's Centennial. Completing the program will be Ron Nelson's *Rocky Point Holiday* and *Grand Serenade* for an *Awful Lot of Winds*, a humorous and farcical parody by the inimitable P.D.Q. Bach (Peter Schickele).

The arts on Channel 3

WPSX-TV, Channel 3 celebrates the anniversary of two classic programs this week.

Oscar-winner Glenda Jackson stars as "Elizabeth R.," one of England's most colorful queens, in an encore presentation on *Masterpiece Theatre*, at 9 p.m. Sunday, Feb. 17.

To salute *Masterpiece Theatre's* 20th anniversary, the first episode of the original six-part series about the Virgin Queen was chosen for "Twentieth Anniversary Favorites," the nine weeks of special programming celebrating two decades of the drama series on public television.

Dazzle and sizzle come center stage on WPSX-TV when *Champion-Ship Ballroom Dancing* celebrates its 10th anniversary at 9 p.m. Wednesday, Feb. 20. Hosting the show for the second time is Rita Moreno, a veteran dance enthusiast.

Brown bag luncheon

John Malmstad, professor of Russian at Harvard University, will discuss "Russian Avant-Garde in Literature and Art," as part of the Comparative Literature brown bag luncheon series at 12:15 p.m. Monday, Feb. 18, in 101 Kern Building at University Park.

Those interested in attending only the lecture should arrive before 12:45 p.m. Coffee and tea will be provided to accompany a brown bag lunch.

Chambers exhibit

An exhibition of recent works by undergraduates in the graphic design and metals programs in the School of Visual Arts will be on view Feb. 18 through March 15 in Chambers Gallery at University Park.

The graphic design exhibit features student work using techniques such as xerography, photolithography, silk screen and mixed media. Faculty members from graphic design chose the pieces exhibited from projects students submitted.

The metals exhibit features work by
See 'Arts' on page 9.

The arts at...

Berks Campus

The Penn Players present Thornton Wilder's "Our Town" in the Student Center Theatre at 8 p.m. Friday, Feb. 15, and Saturday, Feb. 16.

The production features two Penn State alumni. The play is directed by John Gancar, who earned a master's degree in theatre in 1969. Playing the role of the state manager is Richard Bradbury, who has just earned a bachelor's degree in theatre.

Penn State Erie

Erie Bayfront Ballet will perform at 8 p.m. Friday, Feb. 15, in Reed Building Wintergarden.

The dance troupe will present "The Dream Lives On" to kick off the College's Black History Month celebration. The production, which focuses on the arrest of Rosa Parks, the famous march on Washington, and the assassination of Dr. King, plays homage to the man who revolutionized the civil rights movement

and inspired the principles behind the dance company.

The performance is free to the public.

Altoona Campus

Sukay, a quartet performing music from the South American Andes, will present a concert at the Penn State Altoona Campus at 7:30 p.m. Tuesday, Feb. 19.

Sukay plays both traditional music and dynamic new folk music of Bolivia, Peru, and Ecuador. In these countries, which once formed the Inca empire, the native Quechua and Aymara cultures are still very much alive. "Sukay" is the Quechua word meaning to open up the earth and prepare it for planting.

Penn State Great Valley

"That Fragile World of Things," an exhibit of photographs by Emanuel Antis, is on display during February. The exhibit is part of the "Celebrate Our World" Cultural Heritage Series, being held through May.



Photographs by Emanuel Antis are on display at Penn State Great Valley.

University Park Calendar

February 14-- February 24

Special Events

Thursday, February 14

Bach's Lunch, 12:10 p.m., Eisenhower Chapel
Penn State Chant Ensemble
■ Lecture, 5 p.m., 112 Kern, David Dean, former diplomat, on "Taipei, Washington, and Peking."

■ Fulbright Informal Lecture Series, 3:30-4:30 p.m., 222 Boucke, Dr. Harold Walton on "Cyprus and its Agriculture."

Friday, February 15

Geog. Coffee Hour, 4 p.m., 319 Walker, Stan Openshaw, Univ. of Newcastle, on "Siting and Safety of Nuclear Power Plants."

School of Music, 8 p.m., Penn State Symphonic Wind Ensemble, Recital Hall.

IFC Dance Míration through Feb. 17, White Bldg.

Saturday, February 16

Shaver's Creek, Maple Sugaring Volunteer Training, 10 a.m.-4 p.m. Call 863-2000.
Center for the Performing Arts, 8 p.m., Schwab Aud., Malcolm Bilson, fortepiano.

School of Music, 7:30 p.m., Old Main.
"Celebration of Love," Chamber Singers.

Sunday, February 17

Carnegie Hall Film Series, 7 p.m., *Malina on the Beach* (1935), 9:15 p.m., *Great Expectations* (1946), 108 Wartik, Free.

Monday, February 18

■ Comp. Lit. Luncheon, 12:15 p.m., 101 Kern, Catharine Theimer Nepomnyashchy, Barnard Columbia, on "Andrei Sinyavsky's *Struik's Will* Problem: Profaning the Sacred."

■ German Dept., film, 8 p.m., 108 Wartik, *Das Testament des Dr. Mabius* (1932).

Tuesday, February 19

Returning Adult Center, 12:30 p.m., 329 Boucke.
"Financial Empowerment: Gaining Control Over Your Personal Finances." Also Feb. 20, 9 a.m.

Lecture, 8 p.m., HUB Aud. Edwin Diamond, *New York Magazine* on "Down and Dirty: Political Advertising, 1900-92."

School of Music, 8 p.m., Recital Hall, Penn State Percussion Ensemble.

Wednesday, February 20

■ Slavic Center, lecture, noon 1:30 p.m., 12 Sparks, Roman Cakon on "Parliamentary Elections in Czechoslovakia."

■ International Lecture Series, 2:30-4 p.m., 222 Boucke, Albert R. Jarett on "Water Development in the Ethiopian Highlands."

URTC, 8 p.m., Playhouse Theatre, *Prudes of Presmer*, Student preview. Also Feb. 21.

Thursday, February 21

Bach's Lunch, 12:10 p.m., Eisenhower Chapel
The H&S's from the Penn State Glee Club Commission for Women, meeting 1:10-3:30 p.m., 250 Hammond.

Friday, February 22

Geog. Coffee Hour, 4 p.m., 319 Walker, Alan Block on "The Geography of Organized Crime in New York City."

Center for the Performing Arts, 8 p.m., Eisenhower Aud., American Indian Dance Theatre.

URTC, 8 p.m., Playhouse Theatre, *Prudes of Presmer*, through March 1.

Saturday, February 23

Shaver's Creek, Bird Breakfast/Winged Hunters, 8:10 a.m.-11:30 p.m. Call 863-2000.

■ Touch of Africa, 5:30 p.m. to midnight, HUB



This 1918 photo of a Chinese shoemaker is included in an exhibit of Sidney D. Gamble's photos on display in the HUB Formal Gallery.

Ballroom

Sunday, February 24

School of Music, 1:30 p.m., Recital Hall, Organ recital.

Carnegie Hall Film Series, 7 p.m., *Six Days Him* (1933), 8:15 p.m., *Hairs V* (1945), 108 Wartik, Free.

Friday, February 15

Agronomy, 3:35 p.m., 107 Ag Science and Industries, Dr. Dan Fritton on "Using Instructional Objectives."

Tuesday, February 19

Geosciences, 3:45 p.m., 112 Walker, Chris Harrison, Univ. of Miami, on "The Balance Between Erosion and Mountain Building."

Graduate Program in Nutrition, 4 p.m., 101 Allhouse Lab, James R. Connor on "Iron Regulatory Proteins in the Brain: Alteration in Alzheimer's Disease."

Condensed Matter Physics, 4 p.m., 319 Davey Lab, Dr. John Macther, Univ. of Massachusetts on "Phase Transitions in Fractal Porous Media."

Institute of Molecular Evolutionary Genetics, 4 p.m., 8 Mueller, Richard Meagher, Univ. of Georgia on "Divergent Genes and Functions for Plant Amino."

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5-10 p.m. Saturday and Sunday, 5-6 p.m. Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m.

"Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubinstein.

Seminars

Thursday, February 14

Physics Colloquium, 3:30 p.m., \$5 Osmond Lab, Dr. H.K. Mao, Carnegie Institute of Wash., on "Metallic Hydrogen."

Geosciences, 3:45 p.m., 112 Walker, Thore Cerling, Univ. of Utah, on "CO₂ Content of Mesozoic and Cenozoic Atmospheres Using Paleosols."

Mech. Eng., 4 p.m., 103 Mech. Eng. Dr. Philip A. Thompson, Rensselaer Polytechnic Institute on "Microscopic Vortices, Nucleation and Fast Phase Changes."

Gerontology Colloquium, 4 p.m., 106 Mitchell, Carol Gay on "Bone Cells and Osteoporosis."

Inaugural issue of journal published

The Institute of State and Regional Affairs at Penn State Harrisburg has announced publication of the inaugural issue of *Pennsylvania: Economic Development*.
Pennsylvania: Economic and Community Development Journal

Irving Hand, Institute director and editor of the new journal, explained that the objective of the publication is to provide a forum for exchange of information and ideas among economic and community development practitioners in Pennsylvania.

A long-standing problem in the field of economic development in Pennsylvania has

Wednesday, February 20

■ History Colloquium, 4 p.m., Memorial Lounge
Evenhower Chapel, Dr. Sally A. McMurtry on "Women's Work in English Agriculture: The Case of Tharying, 1800-1930."

Thursday, February 21

Physics Colloquium, 3:40 p.m., \$5 Osmond Lab, Dr. Daniel Gershwinsky, IBM on "Materials Studies with Subplex Teralli Beams."

■ Australia-New Zealand Studies Center, 3:30 p.m., Eisenhower Chapel Lounge, Paul Atchell, Labor Party and Graham Morn, Liberal Party, on "Political Parties and Campaign Strategies in Australia: Views from Opposing Practitioners."

Friday, February 22

Agronomy, 3:45 p.m., 107 Ag Science and Industries, Dr. Craig Humphrey on "Environmental Sociology: International Politics of Population and the Environmental Consequences."

Exhibits

Chambers Gallery

Graphic Design and Metals, Feb. 18-March 15

HUB Galleries

Art Alley Cases:
James Malone Beach, "Metal and Clay Talisman," through March 3.

Formal Gallery

Sidney D. Gamble, photographs, "China Between Revolutions," 1917-27, through March 10.

Kern Gallery

Robert O. Sherman, watercolors, through March 15.

Palmer Museum of Art

Abstracting the Landscape: The Artistry of Landscape Architect A.E. Bye, through March 30.

Pattee Library

Lending Services Gallery

Tara Johnson, pen and ink drawings, through Feb. 24.

Zoller Gallery

Candle and Representation, through March 4.

TIPS

Information Penn State

Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather, 234 Arts Line, 345 University Calendar, 456.

■ Reflects an international perspective

been fragmentation of effort." Dr. Hand said. "Through this journal and other related activities, we hope that communication and coordination of interest and endeavor among the many individuals and organizations involved in economic development in Pennsylvania can be increased."

For further information on *Pennsylvania Economic Development*, contact Irving Hand, Institute of State and Regional Affairs, Penn State Harrisburg, Middletown PA 17057 (717-948-0178).

Partings

Robert C. Bealer, professor of rural sociology, has retired after more than 30 years service.

Throughout his career at Penn State, Dr. Bealer was recognized for his outstanding contributions to the field of rural sociology. He is a former president of the Rural Sociological Society (RSS) and served as editor of both professional journals, published by the society: *Rural Sociology* and *The Rural Sociologist*.

Dr. Bealer served on numerous RSS committees and was active in several other professional and academic societies. In 1988, the RSS honored him as a Distinguished Rural Sociologist. He has written and published extensively. He is credited with hundreds of articles, papers, reviews and monographs.

A native Pennsylvanian, Dr. Bealer joined the University faculty in 1958. He holds bachelor's and master's degrees from Penn State. He earned his Ph.D. in sociology and anthropology from Michigan State University in 1962.

Alda Covert, an auditor for the Department of Purchasing Services, has retired after 21 years of service.

Her older son, Steve, is a Penn State alumnus, and she has now retired to Parrish, Fla.

Jeanne M. Lutz, assistant professor of speech communication, has retired after 24 years service.

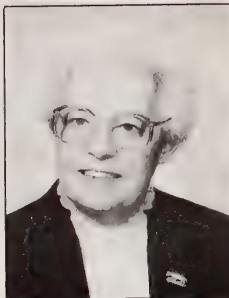
Ms. Lutz, who joined the University as an instructor of speech communication in 1967, previously was a speech teacher at John Harris High School in Harrisburg and Cedar Cliff High School in Camp Hill.

As director of the Pennsylvania High School Speech League for 23 years, she also served as speech education adviser to the Pennsylvania Department of Education from 1967 to 1970 and director of forensics for the Penn State Speech Communication Department from 1972 to 1976. Ms. Lutz received the Speech Communication Association of Pennsylvania Distinguished Service Award in 1981 and was elected to the Pennsylvania High School Speech League Hall of Fame in 1986. In 1986, she received the College of the Liberal Arts Outstanding Faculty Adviser Award.

A native of Harrisburg, Ms. Lutz received her master's degree from Penn State in 1967. She and her husband, William E. Lutz, live in State College. Her immediate post-retirement plans are to travel with her husband, then resume playing golf when the weather permits.

Ira B. Jacki McMaster, research assistant and deputy director of the Broezeale Nuclear Reactor, has retired from the College of Engineering after 33 years of service.

Mr. McMaster started his career in 1957 as an engineering aide at the nuclear reactor. He was appointed acting director in March 1977. In September 1977, he was named deputy director, serving in that position until his retirement.



Jeanne M. Lutz

Mr. McMaster and his wife of 36 years, Gordene, plan to return to their hometown area of Clarion County to enjoy their retirement.

Josephine Rimmey, a lab assistant for the Department of Veterinary Science in the College of Agriculture, has retired after 24 years service.

Ms. Rimmey began working at the University in 1966 and spent nine years working in Findlay and McElwain dining halls. She then spent 12 years working in the College of Agriculture's duplicating center, which is now a copy center for Printing Services. She has been a lab assistant for the past three years.

A resident of Milesburg, she has three children. She plans to continue her volunteer work with the Milesburg Community Park and to travel to California to see her son.

Robert J. Rugaber, director of Penn State Cooperative Extension in Butler County, has retired after 35 years of service.

Mr. Rugaber was instrumental in developing numerous educational programs, including seminars on farm safety, farmland taxation, land use planning and strip mining reclamation.

He received a National Association of County Agricultural Agents (NACAA) Distinguished Service Award in 1979 for his outstanding educational contributions to Pennsylvania agriculture.

He began his career in extension immediately after graduating from Penn State in 1955 with a degree in dairy science. He was named assistant agent in Centre County, then extension poultry specialist. In 1959 he was named associate Dauphin County agent and was promoted to Butler County agent in 1962.

When asked about his future plans, Mr. Rugaber says, "I primarily plan to be retired. I want to stand back for a year or two and leave the people who are carrying on at the extension office to carry on. I started to work when I was 12 years old. Now I'm going to do things work has always prevented me from doing."

An avid outdoorsman, he plans to fish,



James W. Sampsell

hunt, hike, bird-watch and work on projects with livestock.

James W. Sampsell, assistant coordinator, Department of Contracts and Grants Management, Commonwealth Educational System, has retired after 26 years service.

He previously served in the College of Education's office of the associate dean for research and graduate studies as coordinator of research funds from 1983 to 1986 and as administrative assistant from 1973 to 1982.

He also was an accountant from 1970 to 1973 and an accounting assistant from 1964 to 1969 with Research Accounting. During his tenure there, he supervised accounting personnel and was responsible for handling expenditure reports and invoices.

Mr. Sampsell graduated from Bellefonte Area High School in 1962. He earned an associate degree in business administration from Williamsport School of Commerce in 1964 before joining the University staff.

He is a member of several Centre County associations and has served as a girls softball coach and an umpire for the Centre Region Parks and Recreation Girls Softball League.

He and his wife, Beverly, secretary with the Pennsylvania Commission on Sentencing in the Department of Sociology, have two daughters: Kirsten, who resides in Olympia, Wash., and Lisa, a junior in high school.

Robert A. Wood, associate professor of finance, Business Administration, from Sept. 1, 1976, until July 1.

Ruth A. Basehore, clerk typist A at Hershey Medical Center, from Aug. 28, 1975, until July 21.

Linda M. Krobath, vascular radiology technologist, Hershey Medical Center, from Sept. 2, 1980, until Sept. 8.

Paul E. Nowlen, environmental health worker at Hershey, from July 25, 1977, until Sept. 14.

Nancy F. Rossi, college health nurse, inpatient and emergency room, Student Services, from Sept. 15, 1975, until Oct. 7.

Ronald V. Deith, supervisor, accounting files and multith, Corporate Controller's Office, from Sept. 19, 1967, until Oct. 17.

Diane M. Kurtz, clerk, end processing A, University Libraries, from July 5, 1978, until Oct. 2.

Evelyn M. Darr, nutrition advisor, Agriculture, from March 1, 1971, until Dec. 1.

Chan Wai Ming, food service worker, Housing and Food Services, from Aug. 31, 1979, until Jan. 1.

Roderick E. Barnaby, mailing room assistant, Agriculture, from Oct. 4, 1976, until Jan. 1.

Mary A. Cimino, nutrition advisor, agriculture (Lackawanna County), from Feb. 4, 1969, until Nov. 1, 1990.

Mary A. Perriello, secretary B, New Kensington, from Feb. 22, 1971, until Dec. 1, 1990.

William S. Kammerer, associate professor, Hershey, from June 15, 1973, until Jan. 16.

Lucille M. Guthrie, janitorial worker, McKeesport Campus, from April 23, 1973, until Dec. 6.

Romayne H. Bernitt, secretary C, Science, from Sept. 4, 1979, until Jan. 1.

Madge C. Byrne, shift supervisor, bibliographic processing, University Libraries, from Dec. 1, 1975, until Jan. 1.

Marian J. Reed, secretary B, Earth and Mineral Sciences, from Feb. 1, 1974, until Jan. 3.

Vera H. Carson, secretary B, Earth and Mineral Sciences, from Feb. 15, 1950, until Jan. 15, 1952, and from July 1, 1974, until Jan. 1.

Martin N. Turnbaugh, intramural equipment and facilities worker, Intercollegiate Athletics, from Dec. 13, 1971, until Jan. 3.

Wawa M. Grove, teller, Corporate Controller's Office, from Oct. 13, 1975, until Jan. 1.

Amy B. Bates, table attendant, Nittany Lion Inn, from Aug. 12, 1979, until Jan. 1.

Robert H. Martin, craft foreman, Hershey Medical Center, from Sept. 23, 1974, until Jan. 1.

Zita C. Miller, clerk A, Altoona Campus, from Jan. 3, 1972, until Jan. 1.

Beatrice V. Simco, correspondence secretary B, Student Services, from Sept. 1, 1976, until Jan. 1.

Jeanne E. Garrett, tray assembler, Hershey Medical Center, from July 23, 1979, until Jan. 4.

Marilyn T. Downing, administrative aide, Research and Graduate School, from Jan. 9, 1978, until Jan. 12.

N. Elene Keller, operating room assistant, Hershey Medical Center, from Sept. 5, 1978, until Jan. 15.

Anna M. Sharp, patient care assistant, Hershey, from Nov. 1, 1971, until Jan. 19.

Foster E. Rowe Jr., environmental health worker at Hershey, from July 28, 1980, until Jan. 17.

Peter L. Strecker, general helper-repairer at Penn State Erie, The Behrend College, from March 24, 1977, until Jan. 7.

25-year award recipients



Observing 25 years of service at the University are, from left, F. Lynn Christy, assistant director of academic affairs and registrar; Frank Melone, director of the Career Development and Placement Center, and Gordon Moore, professor of chemistry, all at

the Penn State Ogontz Campus; Robert Divany, research assistant, Ionosphere Research Laboratory; John H. Wyckoff, assistant director of the Division of Undergraduate Studies.

Obituaries

Albert S. Hunter, professor emeritus of soil fertility, died Jan. 22 at the age of 82.

A graduate of Utah State Agricultural College, he received a master's degree from Washington State College and a doctorate in soil chemistry from Rutgers University.

He joined the faculty in the Department of Agronomy Sept. 1, 1957,

and retired June 22, 1974. In 1979 he was named Man of the Year by the Pennsylvania Plant Food and Protection Education Society for his contributions in the areas of soil fertility, soil moisture and crop management.

In addition to his many memberships in honor societies, including Sigma Xi and Gamma Sigma Delta, Dr. Hunter was an elected Fellow to the American Association for the Advancement of Science, the American Society of

Agronomy, and the Soil Science Society of America.

Enos W. Winck, food preparer A, Housing and Food Services, from Sept. 1, 1938, until his retirement Oct. 25, 1971, died Jan. 12. He was 84.

Kenneth D. Haney, former manager of General Stores Office of Business Services, died Jan. 10 at the age of 67. He joined the University staff Aug. 15, 1955, and retired April 4, 1986.

Bookshelf

Jan S. Prybyla, professor of economics is co-author with Franz Michael and Carl Linden of *George Washington University, and Juergen Domes of Saar University, of China and the Crisis of Marxism-Leninism*.

The book, which examines the effect on the economy and political system of China of the collapse of Marxist-Leninist ideology and institutional structures, is published by Westview Press, Boulder, Colo.

Focus on the arts

Continued from page 6.

students in the introductory and advanced metals arts classes of Leslie Leupp. The works include jewelry and sculptural objects of metal and non-metal materials.

Chambers Gallery is located on the second floor of the Chambers Building and is open 9 a.m. to 5 p.m. daily.

Percussion ensemble

The Penn State Percussion Ensemble will present a concert at 8 p.m. Tuesday, Feb. 19, in the School of Music Recital Hall at University Park.

The 13-member ensemble will perform Sonatina, by Tull; "Six Reflections," by Frank; "Knock on Wood," by Blank; "Night Songs," by Skarecky; "Bacchanale," by Hovhannes; and Concerto for Percussion Ensemble, by Brand.

Odyssey on WPSU

New Zealand writer Janet Frame, one of the "exiles in their own lands" discussed on the next "Odyssey Through Literature," makes her point by using "nonsense language -- by breaking the language itself up into new constituent sounds, and moving it around."

"The purpose," explains Murray Martin of Tufts University, "is to show that we have reached the edge of language as we know it."

"Odyssey Through Literature" is produced by the Department of Comparative Literature in the audio-production studios of WPSU-TV. It airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

New Video

Throughout history the Catholic Church has commissioned a continuing stream of great art from such masters as Michelangelo, da Vinci, Raphael, Bernini, and Caravaggio. *The Pope and Their Art: The Vatican Collection* (\$194.95), a video available from Audio-Visual Services, examines the art collection that is the popes' legacy and documents the work necessary to maintain the collection against the effects of modern pollution and age.

The title is available at no charge to University faculty and staff members for classroom use. At University Park, call 865-0913 to make arrangements for a preview showing. At a Commonwealth Campus, contact the campus instructional services specialist for more information.

'Pirates of Penzance'

The Penn State University Resident Theatre Company, in collaboration with the School of Music, will present an updated version of Gilbert and Sullivan's classic opera "The Pirates of Penzance." The show opens

at 8 p.m. Friday, Feb. 22, in the Playhouse Theatre at University Park and will run through March 1.

Originally presented on Broadway by the New York Shakespeare Festival, this version takes advantage of modern innovations for a contemporary audience.

Young Frederic, apprentice on a pirate ship since age 8, finds himself free of indenture and falling in love for the first time. In this new life, he vows to exterminate the pirates of Penzance until fate intervenes and he becomes a member of the pirate band again.

For ticket information, call (814) 863-0255.

Watercolor exhibit

The watercolors of Robert O. Sherman are on exhibit until March 15 at Kern Gallery at University Park.

Mr. Sherman received his A.B. degree at Michigan State University. He has had exhibitions of his work at the Detroit Art Institute, Michigan State University, the University of Delaware and Bucknell University, among other places.

After working in oils for more than 20 years, he turned to watercolors because of "an increased interest in the overall spirit of the work, rather than minute, realistic details. I want to convey a sense of mystery and peace and to provide strong emotion to the viewer."

Dance theatre

The American Indian Dance Theatre will perform at 8 p.m. Friday, Feb. 22, in Eisenhower Auditorium at University Park.

It is the first performing company of this kind to depict authentic Native American songs and dances. Currently on tour, the dance theater is presented by the Center for the Performing Arts.

As part of Artistic Viewpoints, a free lecture series for the audience, Mike Charleston will speak at 7 p.m. in the Greenroom of Eisenhower Auditorium immediately before the performance. He is associate professor of education and director of the American Indian Leadership Program at Penn State.

The event is supported in part by a grant from the Mid Atlantic Arts Foundation and the Pennsylvania Council on the Arts.

Tickets are available at the Eisenhower Auditorium Ticket Office, open Monday through Saturday, 8:30 a.m. to 4:30 p.m.

Organ recital

Six students from the studio of June Miller of the School of Music faculty will present an organ recital at 1:30 p.m. Sunday, Feb. 24, in the School of Music Recital Hall at University Park.

The program will include works by J.S. Bach, Walther, Widor, Brahms and Messiaen.

Penn Staters

John R. Hellmann, assistant professor of ceramic science and principal investigator with the Center for Advanced Materials, presented "Interface Characterization in Continuous Fiber Reinforced High Temperature Composites" to the Physics Department at the University of Warwick, United Kingdom.

Michael F. Modest, professor of mechanical engineering and principal investigator with Center for Advanced Materials, has been named a Fellow of the American Society of Mechanical Engineers.

Laurence E. Prescott, associate professor of Spanish and black studies, presented a paper titled "A Colombian Pilgrim in the Caribbean World: Juan Coronel, Alias *Un pifreño*" at the XII Annual Conference of the Association of Caribbean Studies in Santo Domingo, Dominican Republic.

Richard E. Tressler, professor of materials science and engineering and director of the Center for Advanced Materials, and Douglas Pyscher, doctoral candidate, Center for Advanced Materials, presented "Mechanical Behavior of Ceramics Fibers at Elevated Temperatures," the opening lecture at the 7th CIMTEC World Congress on Ceramics in Montecatini, Italy.

C.R. Rao, holder of the Eberly Family Chair in Statistics and professor of statistics in the Eberly College of Science, has been named an honorary member of the Finnish Statistical Society.

Bernard Badiali, assistant professor of education, has been elected president of the Pennsylvania Staff Development Council, an affiliate of the National Staff Development Council.

Aida Beaupied, assistant professor of Spanish, presented an invited paper titled "Paradise in the Goddess' Island: Spiritual Incest in the Poetry of Jose Lezama Lima" at the XII Annual Conference of the Association of Caribbean Studies in Santo Domingo, the Dominican Republic.

Scott F. Healy, director of undergraduate admissions, presented College Admissions and Financial Aid Workshops to Department of Detention Dependents Schools in Frankfurt, Wiesbaden, Ramstein, Kaiserslautern, Heidelberg and Hahn, Germany.

Harriet J. Rudolph, assistant professor of speech communication at the Penn State Hazleton Campus, has received the 1990 Carroll C. Arnold Distinguished Service Award from the Speech Communication Association of Pennsylvania in recognition of

outstanding teaching and research in the field of speech communication, as well as contributions to campus and community.

Paul D. Simkins, professor of geography, has received the Distinguished Teacher Award from the Pennsylvania Geographical Society.

Brent G. Wilson, professor of art education and head of the art education program in the School of Visual Arts, has been selected to serve on a new national committee designed to set standards for art teachers who work with students age 11 and older. The committee is part of the National Board for Professional Teaching Standards (NBPTS).

Ali Borhan, assistant professor of chemical engineering, is one of 36 new faculty members throughout the United States to receive a 1990 Engineering Foundation Initiation Grant. The grant is titled "The Evolution of Microstructure in Melt Processing of Bimetallic Composites Materials."

Stephen H. Browne, assistant professor of speech communication, has received the Speech Communication Association's Karl R. Wallace Memorial Award which is given annually to a young scholar in the area of rhetorical studies who exhibits early signs of intellectual promise and scholarly achievement.

Charles E. Brueggemann, director of facilities planning and university architect, has been elected president of the Middle Pennsylvania Chapter of the American Institute of Architects.

Roy Hammerstedt, professor of biochemistry in the Eberly College of Science, has won an Outstanding Paper Presentation Award from the American Oil Chemists Society (AOCS) for his abstract proposal "Fractionation of Lipid Classes Using SPE Columns."

S.I. Hayek, professor of engineering mechanics, presented a paper on structural intensity with laser vibrometry at the Third International Congress of Intensity Techniques in Senlis, France.

Katherine Hostetler, director of Penn State Cooperative Extension in Cambria County, has received the National Association of Extension Home Economists' Continued Excellence Award.

Robert Lima, professor of Spanish and comparative literature and Fellow of the Institute for the Arts and Humanistic Studies, has been appointed as outside evaluator of grant programs for the Pennsylvania Humanities Council.

Bruce A. McPherson, assistant professor of entomology in the College of Agriculture, presented an invited paper titled "Recent Advances and Future Direction in Tephritid Population Genetics" at the International Symposium on Fruit Flies of Economic Importance in Antigua, Guatemala.

Stanley Rosen, Evan Pugh professor of philosophy, delivered two talks as the first American philosopher to be invited to lecture at the University of Belgrade, Yugoslavia, since World War II. He also delivered invited lectures at Bonn University in Germany, Uppsala and Stockholm universities in Sweden and the University of Paris XII in France.

Patrick T. Terenzini, professor and senior scientist in the Center for the Study of Higher Education, and Ernest T. Pascarella, professor of educational psychology at the University of Illinois at Chicago, have been named to receive the Association for Institutional Research's Forum Best Paper Award for their paper titled "Twenty Years of Research on College Students: Lessons for Future Research."

Patricia C. Ryan, contract negotiator, presented a five-day seminar titled "Opportunities for Increasing University Fiscal Resources" to the Executive Administration at the Universidad de Monterrey, Mexico.

Monty Christiansen, associate professor of recreation and parks, has received the National Distinguished Professional Award from the National Recreation and Parks Association as "a professional who, through inspiration, incentive and leadership, has made noteworthy contributions over a period of time to the recreation, park, and conservation movement."

Anthony Cutler, research professor of art history and Fellow of the Institute for the Arts and Humanistic Studies, delivered an invited paper titled "Aspects of Political Art in 10th- and 11th-Century Byzantium" at the Second International Congress for the Study of Byzantine Art in Rome.

Diana R. Dunn, professor of leisure studies, has been elected secretary of the American Academy for Park and Recreation Administration.

Richard L. Frautschi, professor of French, presented a paper titled "Toward a Quantitative Pragmatics of Representation: Historical and Fictional, Verisimilitude" to the Society for Conceptual Analysis by Computer in Seigen, Germany, and another paper titled "The Emerging Notion of Nationalism in French Prose Fiction of the Enlightenment" was presented to the

International Society for the Study of European Ideas in Louvain, Belgium.

Geoffrey Godbey, professor of leisure studies, has received the Distinguished Fellow Award of the Society of Park and Recreation Educators.

Gideon Golany, research professor of urban design/planning, presented the keynote address titled "The Contribution of Belowground Space to Modern Urban Design" at the national symposium sponsored by the Japanese Belowground Space Center, the Japanese Civil Engineering Society and the subcommittee for research on belowground space in Japan.

Stanford M. Lembeck, associate professor of rural sociology, has been named the 1990 Professional Planner of the Year by the Pennsylvania Planning Association.

A paper by **Michael J. Long**, professor of health policy and administration, titled "Were Hospitals Selective in Their Product and Productivity Changes? The Top 50 DRGs After PPS," has been named "Faculty Publication of the Year" by the American Academy of Medical Administrators.

James F. Lynch Jr., director, Office of International Studies; **Masume Asaf**, foreign student adviser, Office of International Students; and **Michael Laubscher**, director, Office of Education Abroad Programs, have received special awards for their significant contributions to the National Association of Foreign Student Affairs Association of International Educators.

Sebastian Martorana, professor emeritus of education, traveled to Poland and Russia as part of a national 16-state delegation of community and technical college educators. Organized by the People-to-People Citizen Ambassador Program, delegates visited with government officials in education ministries, polytechnic universities and technical schools in Moscow and Leningrad, Soviet Union, and in Gdansk and Warsaw, Poland.

Russell F. Messier, associate professor of engineering science and mechanics, served as chairman of the Organizing Committee of the International Conference on New Diamond Science and Technology in Washington, D.C.

C. Terry Morrow, professor of agricultural engineering, made two presentations titled "Automated Inspection of Fruits and Vegetables" and "Overhead Irrigation for Frost Protection in Strawberries" at the AGENE 90 Conference, an international meeting of agricultural engineers, in Berlin, Germany.

Focus on

Research

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Intercom

February 14, 1991

Plastic

University researchers create new compound that conducts electricity

Telephones, military field structures, underwater wiring and containers for all kinds of electronic devices may be manufactured one day from a silicon-based plastic that conducts like a metal and shields electronics from electromagnetic interference, according to the University developers.

The material, which can be prepared in many forms, is an intrinsically conductive polymer that is easily and inexpensively manufactured.

"In 1984, researchers in this field said that creating an intrinsically conducting polymer was impossible, because it would be an unstable compound," Vijay K.

Varadan said. Dr. Varadan is distinguished alumni professor of engineering science and electrical engineering and co-director of the Research Center for the Engineering of Electronic and Acoustic Materials.

"The compound we have created can be extruded as a thin, flexible wire or an o-ring type gasket, prepared as a malleable putty, mixed with thermoplastics and molded, or mixed with a solvent and sprayed as a coating."

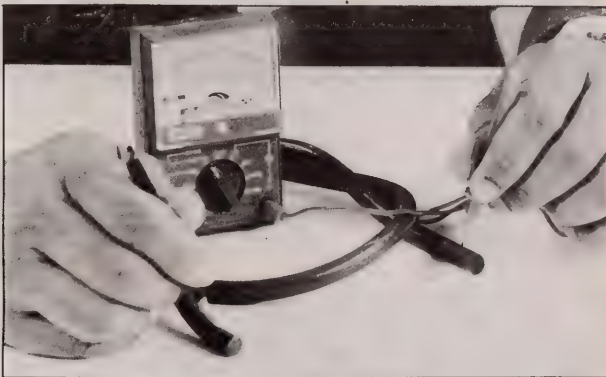
He developed the plastic with Vasundara V. Varadan, distinguished alumni professor of engineering science and electrical engineering. They have applied for a patent.

All electronic equipment needs to be shielded from electromagnetic interference and from leaking electromagnetic energy that might interfere with other devices.

"For example, the power packs used behind high-intensity automobile headlights frequently leak electromagnetic energy in the one kilohertz to one gigahertz range," V.K. Varadan said. "This radiation can interfere with other electronic devices in the automobile."

As more electronics are used in automobiles, shielding becomes important. Conventional plastics do not shield against EMI, so metals are usually used. However, sealing cracks and corners in metal containers is difficult, and leaks frequently occur. The putty-type version of this new material could be used to seal metal seams and joints, and because the compound does not contain a solvent, it will remain flexible.

"EMI from your headlight power packs might interfere with FM or even AM radio reception, which is an inconvenience, but, EMI from any source might



Vijay K. Varadan tests conductivity of an extruded cable of intrinsically conducting polymer. (Photo: Greg Grieco)

trigger the airbag in your steering column, because it is microprocessor activated," he said.

Not only the source of EMI can be shielded using this polymer, but also those electronic devices affected by EMI.

The Varadans suggest that mixing the intrinsically conducting polymer with the plastics usually used to manufacture computer housings would supply EMI protection. The naturally gray substance can be colored for aesthetic effect.

"The U.S. military currently uses composite shelters constructed of aluminum and polyurethane foam as field locations for battlefield electronics," V.K. Varadan said. The aluminum is light and shields from EMI.



Varied forms of the new intrinsically conducting plastic developed at the University are (clockwise from bottom) extruded flexible wire, flexible sheets, tiles and plastic sheeting. (Photo: Greg Grieco)

Thermoset or thermoplastic composites using this intrinsically conductive polymer would be light, mechanically strong and shield from EMI. These composites would be a good choice for battlefield electronic installations and other sensitive military applications.

According to the Varadans, something like Kevlar fibers could be incorporated into the composite to provide ballistic strength.

Another use for this material is in waterproof wiring. Because the polymer is silicon-based and not a metal, it is waterproof and will not corrode. This is especially important in marine environments where the higher salt content increases the corrosion rate.

Although thin, wire-like strands of the material have not yet been extruded, the Varadans believe they can be manufactured. Because the material conducts electricity throughout its structure, these plastic wires would need to be insulated like copper wire, using a non-conducting plastic.

As an EMI shield, coatings or plastic housings using this material could shield telephones and other communication devices not only from interference, but also from eavesdropping.

The Varadans also work on chiral materials, handed materials that also shield against EMI.

"If an application requires an extremely high amount of shielding, greater than that provided by this intrinsically conducting polymer, then chiral inclusions can be incorporated into the material to increase the shielding," V.K. Varadan said.

—A'ndrea Elyse Messer

Flu virus hits University campuses

The flu has hit University Park and other campus locations.

Students, faculty and staff are experiencing the symptoms of Influenza Virus B, which may include fever, chills, headache, hacking cough, fatigue and severe joint and muscle aches. Most cases of symptomatic flu are mild.

Once the diagnosis of flu has been made, there is little a health care provider can do to speed recovery, because viruses do not respond to

antibiotics. Only rest, fluids, Tylenol to control fever and treat the aches and pains, and cough suppressants taken in the evening to help produce a good sleep can aid recovery. University Health Services is encouraging students who have the flu to stay home.

In accordance with University policy, written excuses for class absence and missed exams are not given by University Health Services staff. The Medical Records Department can only

confirm a visit to the Outpatient Department or a stay in the Observation Unit if a student completes a "release of information" form. Faculty members requesting such confirmation should call the department at 863-1974 at University Park, or the campus health service at other locations.

For more information, call the Office of Health Promotion and Education at 863-0461 or the campus health service at other locations.

Advertising lecture

Edwin Diamond, contributing editor, critic and columnist with *New York Magazine*, will speak on "Down and Dirty: Political Advertising 1960-1992" at 8 p.m. Tuesday, Feb. 19, in the HUB Auditorium at University Park.

Mr. Diamond is the author of eight books including *The Spot: The Rise of Political Advertising in Television* (1984), which received the Sigma Delta Chi Frank Luther Mott Award for one of the "Best Books of 1984."

His lecture is sponsored by the School of Communications.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK 433-0304). Applications for these staff vacancies will be accepted until Feb. 21. DO NOT CONTACT THE AREA THAT HAS THE VACANCY.

Applications for these staff vacancies will be considered in accordance with Fair Employment practices (FET) and in compliance with the University's Alternative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

■01297, Assistant to the Dean for Alumni Relations, The Smeal College of Business Administration, Office of the Dean, University Park Campus—Responsible to the dean for planning, implementation and overall effective and efficient management of various alumni programs and other external relationships. Act in liaison with the Penn State Alumni Association. Require bachelor's degree or equivalent in business or related field plus two to three years of effective experience. Previous campus relations and communication preferred. Master's degree is desirable. THIS IS A FIXED TERM POSITION.

FUNDED THROUGH JUNE 1991 WITH GOOD POSSIBILITY OF RE-FUNDING. STAFF GRADE 7.

■01298, Graduate Program Representative, CES, Great Valley—Responsible to the director of graduate programs administration, Great Valley, in collaboration with academic departments and faculty, for the administrative tasks involved in identifying, planning, developing, marketing, administering and coordinating the graduate educational offerings of the Great Valley Center. Requires master's degree, or equivalent, plus one to two years of effective experience in business, industry or education or a bachelor's degree plus two to three years of effective experience in business, industry or education. Master's degree preferred. STAFF GRADE 7.

■01299, Area Representative, CES, New Kensington Campus—Responsible to the director of continuing education for the functions of client management, development, organization, operation and administration of continuing education programs and services and for linking University resources with community needs within the assigned geographic district. Requires bachelor's degree or equivalent plus one to three years of effective experience in business, industry or education. STAFF GRADE 7.

■01300, Advising and Counseling Specialist, New Kensington Campus, Student Departments and Services—

Responsible to the director of student programs and services for organizing and conducting a comprehensive student centered career development and placement service and marketing program for the entire campus involving linkage with industry and the Allegheny Valley schools and community. Requires master's degree, or equivalent, in counseling or related field, plus one to two years of effective experience in counseling or a closely related area. STAFF GRADE 7.

Hershey

For the following position vacancies, apply directly to The Milton S. Hershey Medical Center. Attach resume with cover letter indicating the position vacancy code and forward to the Department of Human Resources, Hershey, or call the Hershey bid line at (717) 531-6531 by Feb. 21.

■00957, Project Manager, Department of Nursing Research—Responsible to the project director for the implementation and effective day-to-day management of the RWJ/Pew Program Project. Requires master's degree in business administration, social systems science, health care administration or equivalent, plus one to two years of effective experience in organizational planning and change. STAFF GRADE 7.

■01046, Administrative Head Nurse, Department of Nursing/Gyneciatric

Psychiatry—Responsible to the nursing manager, assigned nursing unit, for assistance in handling the day-to-day administration of the unit. Requires bachelor of science in nursing from an accredited school of nursing plus 1-2 years of effective experience and current license to practice as a registered nurse by Pennsylvania State Board of Nursing. STAFF GRADE 6.

■01047, Administrative Head Nurse, Department of Nursing/Medical Intermediate Care Unit—Responsible to the nursing manager, assigned nursing unit, for assistance in handling the day-to-day administration of the unit. Requires bachelor of science in nursing from an accredited school of nursing plus one to two years of effective experience and current license to practice as a registered nurse by Pennsylvania State Board of Nursing. ICU or intermediate care experience preferred. STAFF GRADE 6.

■01048, Administrative Head Nurse, Department of Nursing/Medical Intermediate Care Unit—Responsible to the nursing manager, assigned nursing unit, for assistance in handling the day-to-day administration of the unit. Requires bachelor of science in nursing from an accredited school of nursing plus one to two years of effective experience and current license to practice as a registered nurse by Pennsylvania State Board of Nursing. ICU experience preferred. STAFF GRADE 6.

■01295, Utilization Review Specialist, Department of Healthpass—

Responsible to the medical director and director of Healthpass for the review of hospital admission and discharge, as well as the documentation of the patterns of utilization for physician and hospital providers. Requires a bachelor's degree or equivalency, in an allied health field (medical technology, pharmacy, respiratory therapy, etc.) or in nursing, with a minimum of two years effective clinical hospital experience, preferably in a utilization review setting. STAFF GRADE 6.

■01316, Systems Analyst, Department of Information Systems—Responsible to the director, Information Systems, for implementing the payroll and accounting procedures for the College of Medicine with the various departments to determine their information requirements and operational needs. Requires a bachelor's degree in accounting or equivalency, with a knowledge of third generation programming language plus a minimum of four years data processing experience. STAFF GRADE 7.

■01640, Medical Assistant, Outpatient Services—Responsible to the clinical head nurse or manager for providing assistance in health care services and for participation in administrative functions. Associate degree or equivalent in related field, BLS certification and up to 12 months of effective experience required. STAFF GRADE 2.

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main. Phone 865-7517.

William E. Campbell Jr., Editor
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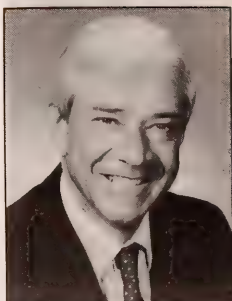
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RESEARCH FEATURE

A new feature on research at the University is on page 11.

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Richard E. Grubb

Vice President Grubb announces his retirement

Richard E. Grubb, senior vice president and dean of the Commonwealth Educational System, has announced his retirement from the University, effective Sept. 30.

"Dick Grubb has had a long and distinguished career at Penn State," President Thomas said. "I will personally miss the perspective, wisdom and skill he brings to the administration of the University."

Dr. Thomas also said he will soon name a committee to conduct a national search for Dr. Grubb's successor.

Dr. Grubb began his career at Penn State in 1961 as coordinator of continuing education conferences and served in numerous positions before being named senior vice president for administration in

1979. He served in that capacity until 1985, when he was named Pennsylvania Secretary of Agriculture by former Gov. Dick Thornburgh. He returned to Penn State as senior vice president for administration in 1987.

In 1988, he was named acting vice president of the Commonwealth Educational System. In that capacity, and holding his other administrative responsibilities, Dr. Grubb conducted a thorough analysis of the Commonwealth Educational System's administrative structure, continuing education programs and structure, and fiscal operations. In July 1989, he was named senior vice president and dean of the Commonwealth Educational System.

"It has been my privilege and honor to serve Penn State for 30 years," Dr. Grubb said. "And I am particularly pleased to have had the opportunity to work with the CES during the last few years. I was involved in the development of the Commonwealth Campuses and know how important they are to Penn State and to the communities they serve. They will continue to be so, in large part because of the dedication and commitment of their faculty and staff."

His professional memberships include the Association for Institutional Research, the American Association for Higher Education and the National University Extension Association.

He and his wife, Barbara, will reside in State College following his retirement from the University.

Edward Hintz to lead effort to raise convocation center funds

A New York investment firm executive who helped to lead the \$352 million Campaign for Penn State has been named chairman of the effort to raise private funds for the University's \$50 million Academic Athletic Convocation and Events Center.

Edward R. Hintz, president of Hintz, Holman and Heckler, a Wall Street firm specializing in investment management for individuals, was named to the post by President Thomas.

"Ed Hintz is a dedicated Penn State with the experience and leadership essential to the success of this project," Dr. Thomas

said. "His acceptance of this leadership position is another major step toward making the convocation center a reality."

Dr. Thomas noted that Gov. Robert P. Casey recently released \$16.8 million in state funds for the center, part of \$33.8 million that the legislature has authorized for the project. Private gifts will provide the remaining funds for the structure, which is expected to cost at least \$50 million.

Mr. Hintz served as a vice chairman of The Campaign for Penn State, a six-year effort that concluded June 30, 1990, and raised \$352 million for academic programs. He also headed the Campaign's leadership gifts and regional major gifts committees, which accounted for some \$49 million in contributions nationwide.

"What especially excites me about the convocation center is the many ways in which it will benefit Penn State students, faculty, alumni and the surrounding area," Mr. Hintz said. "It will give our University a modern facility that can accommodate crowds for a wide range of academic, athletic and entertainment events."

The convocation center is projected to have about 16,000 seats. It will house many events that now take place in Rec Hall, which was built in 1929 and seats about 6,800. Within five years of its construction, studies indicate, the center will be hosting more than 200 events annually.

Mr. Hintz said his primary task in the immediate future is to recruit other

See 'Hintz' on page 3.



Dance Marathon

Dancers keep things moving at the 1991 Penn State Dance Marathon which raised a record \$785,835 for the Four Diamonds Fund at the Hershey Medical Center. The total represents a 17 percent increase over last year's \$671,573. The Four Diamonds Fund provides financial relief to families of children with cancer at the University Hospital. (Photo: Greg Grieco).



Edward R. Hintz

Focus on Diversity

African-Americans urged to teach their history

It can get particularly lonely for **Cyril Griffith** during Black History Month.

Dr. Griffith, associate professor of history, says he is part of only a small group nationwide of African-Americans/Black Americans who teach African history in higher education. But he would like to see that change.

During Black History Month in February, he is urging African-Americans to take more interest in learning about and teaching their history.

"The majority of people in higher education who teach African history are White," Dr. Griffith says. "And most of the publishing companies that produce learning materials about African history are owned by Whites. This has to change."

Too many Blacks have been conditioned to develop a negative view about

themselves because of a miseducation about their history. That conditioning can be so strong that some Blacks aren't even interested in learning their history. But if they can learn more about their history, they will gain a higher self-esteem, Dr. Griffith says.

"Most of my colleagues think that because I am Black and I teach African history, a subject about Blacks, that most of my students are Black. But that is not true. If it's important for Whites to know White history, it should be important for Blacks to know Black history, and I think that's the point Carter G. Woodson had in mind when he started Black History Week in the 1920s."

"The spirit of Black History Month should be expanded year-long," he said. "Black history should be taught to African-

American children as part of their regular education. And African-Americans have to take responsibility for teaching it."

The University educator recommends that Black-American parents take more initiative in teaching Black history to their children at pre-school ages. He also urges Black-American fraternal and other organizations to organize more workshops, contests and other educational opportunities.

African-American parents should pressure local schools to incorporate more Black history into existing African-American history courses and help churches and Sunday schools teach more Black history, according to Dr. Griffith.

"It will take a lot of hard work and a concerted effort, but the results will be well worth it."



Cyril Griffith

Commission for Women to hold annual banquet

The Commission for Women will hold its sixth annual banquet on Monday, March 11, in the Hetzel Union Building at University Park. The reception is at 6 p.m. and dinner is at 6:30 p.m. The cost is \$10 for students and \$15 for non-students. Dorothy F. Cotton, director of student activities at Cornell University, will be the guest speaker. She has spoken at several universities, addressing issues such as multiculturalism, communication, personal

and spiritual growth, and human relations.

From 1960 to 1972, she was the education director for the Southern Christian Leadership Conference. In that capacity, she worked closely with Dr. Martin Luther King Jr. as the only female member on his executive staff in designing and conducting leadership training programs and strategies for promoting social change using non-violent means.

She also has served as the vice president for field operations for the Martin Luther King Jr. Center for Non-Violent Change in Atlanta.

From 1978 to 1981, Ms. Cotton was the southeastern regional director of ACTION, the federal government's agency for volunteer programs, coordinating day care programs, house support services, health and education services and programs for the elderly.

Invitations are being mailed to all women employees at the University, but additional information is available in 405 Old Main,



Dorothy F. Cotton

at 865-1683. Reservations are due by March 4.

Diversity Calendar

Thursday, Feb. 21

Paul Robeson Cultural Center, 8 a.m. to 5 p.m., Robeson Center Gallery. Kente cloth exhibit, through Feb. 28.

Friday, Feb. 22

African Student Association, 5:30 p.m. to midnight, HUB Ballroom. "A Touch of Africa" dinner and dance.

Saturday, Feb. 23

Office of Minority Faculty Development, 9 a.m. to noon, 114 Kern Graduate Building. "Promotion and Tenure" workshop by Grace Hampton.

Tuesday, Feb. 26

Professional Women at Penn State, 11:45 a.m. to 1 p.m., Eisenhower Chapel, Frizzell Room. General meeting.

Center for Women Students, 1 to 4 p.m., 112 Kern. Violence and dating teleconference.

Friday, Feb. 27

Center for Women Students, noon to 1 p.m., 120 Boucke. Brown bag lunch discussion: "Academic Counseling Needs and the Single Parent Student."

Women in India

The student organization Parivartan will present a documentary film on the position of women in India at 7 p.m. Monday, Feb. 25, in 214 Boucke Building at University Park.

Showing of the film will be followed by a panel discussion on "The Status of Women in Rural and Urban India in the Past 20 Years."

Dance theatre to present authentic dance and music

In the United States alone, there are more than 250 Indian tribal groups. The American Indian Dance Theatre, coming to Eisenhower Auditorium at University Park at 8 p.m. Friday, Feb. 22, presents a sampling of authentic dance and music from their rich and varied traditions.

Founded in 1987, the company is comprised of members from many tribes: Apache, Assiniboine, Cherokee, Cheyenne, Cree, Chippewa, Comanche, Hidatsa, Kiowa, Navajo, Shoshoni-Bannock, Sioux, Warm Springs, Yakima and Zuni.

As the acting director of Penn State's American Indian Leadership Program (AILP), Laura A. Napier, assistant professor of education, said she was pleased the Center for the Performing Arts is bringing the company to the University.

The dance company is the only one of its kind. It has toured extensively worldwide and appeared in a television special for "Great Performances—Dance in America."

Although staged for theater with dramatic lighting and special effects, the dances retain their cultural integrity. Many, such as the Grass Dance from the Northern Plains, are ancient rituals that link their people to the earth. Others, such as the Hoop Dance and the Buffalo Dance from the Zuni Pueblo tradition, speak about the relationship between man and animals.

The songs, which are generally sung in the native languages, also reaffirm their heritage. None are written down and some can be traced back 600 years, passed on orally from generation to generation.

"Non-ethnic people tend to put ethnic dance into a

primitive category," explained Hanay Geigomah, a noted playwright and producer who directs the dance company. "That's totally wrong. It's highly sophisticated." The influence of Native American dance can be seen in the works of many American choreographers, notably Martha Graham, Erick Hawkins and Jose Limon.

The event is supported in part by grants from the Mid Atlantic Arts Foundation and the Pennsylvania Council on the Arts.

Mike Charleston, director of AILP, will speak at 7 p.m. immediately before the performance as part of a lecture series called Artistic Viewpoints. Dr. Charleston currently is on sabbatical directing the American Indian at Risk Task Force in Washington, D.C.

Travel Management Office offers new billing service

Employees who elect to make airline and rail travel arrangements through the University's designated travel agencies can have those costs directly billed to Penn State, according to the Travel Management Office.

"Working with Centre for Travel and Omega World Travel we have put into place a system which allows employees to have their airline and rail tickets billed directly to the University," said Marguerite Fink, coordinator of travel services. "This is an optional service, but one we think will help simplify the billing process in departments where employees take advantage of it."

The new service will begin on March 11 for tickets purchased for University business travel.

In addition to the two local travel agencies who can offer this service, Omega World Travel offices in Pittsburgh, and at the Hershey Medical Center can be used. "Direct billing also offers a convenient

method for purchasing air and rail tickets for faculty, staff and department sponsored visitors to the University," Fink said.

Those who opt to take part in the service will automatically be included in a \$200,000 air travel insurance program and 24-hour worldwide medical, dental and legal services for the traveler.

"This is just another benefit we have been able to establish for employees of the University through the Travel Management Office that was not available to the University through the previous system," Ms. Fink explained.

University Park faculty and staff choosing not to use direct billing may pay for their air or rail tickets using their American Express corporate card or a personal check or credit card. Reimbursement will occur after the conclusion of the trip.

Hotel and rental car expenses will be paid by using the American Express corporate card available at no charge to

University employees or they may use their own credit card or personal check. Cash advances will be made for food and incidental expenses.

"The new system simplifies the entire billing process for faculty and staff," says Donn Frazer, assistant controller.

Current cash advance travel procedures will continue for foreign travel while CES campuses, Behrend and Penn State Harrisburg have the option of the direct billing program by using the designated agencies. Otherwise, employees at those Penn State locations will use existing procedures regarding travel advances and reimbursement of travel expenses.

"The new programs are optional," Ms. Fink said. "We consulted with the Faculty Senate and other groups and believe this is a service many people will want to pursue."

The Travel Management Office plans to monitor the new services and, after a trial period, plans to renegotiate existing travel

agency contracts and increase the number of preferred travel agencies.

Several steps are being taken to help implement the expanded service.

Informational meetings are set for Feb. 25 and 26 in Room 404 Old Main for anyone who wishes to attend. These meetings will take place at 1:30 and 3:30 p.m. on Feb. 25 and at 8:30 and 10:30 a.m. and also at 1 p.m. on Feb. 26. Financial officers and human resources representatives, in particular, are encouraged to attend one of these sessions.

Also, a new EASY form, Authorization to Direct Bill Air and Rail Transportation (DRAE), has been designed for use in authorizing direct bill charges. The Travel Expense Account form has also been revised to reflect direct billings or reimbursable charges.

Revised travel policies will be distributed in early March.

Nominations sought for personnel award

The Penn State Chapter of Educational Office Personnel (PSEOP) is accepting nominations for the sixth annual Outstanding Office Personnel Award which is open to all faculty and staff throughout the University system.

PSEOP, now in its seventh year, pioneered the concept of giving recognition to University staff who have provided exceptional meritorious service on behalf of Penn State.

For a nomination form, contact your personnel representative or Rosalie Villanova, chairperson, Nomination Committee, PSEOP, at (215) 889-1300. Nominations should be submitted by April 7.

Workshop on early adolescence research is set

Research on early adolescence will be the focus of a one-day workshop sponsored by the College of Health and Human Development in the Keller Conference Center at University Park on Feb. 28.

Noted researchers and others active on a local, state, and national level will present research findings at the workshop titled "Forum for the Initiation of PRIDE."

The event will formally launch a university-wide, collaborative research effort called PRIDE (Policy, Research, and Intervention for Development in Early Adolescence). Funded by a two-year grant from the Carnegie Corp. of New York, and administered by the College of Health and Human Development, the research program focuses on issues of the 10-15 age group.

Anne C. Petersen, dean of the College of Health and Human Development, will provide opening remarks. Richard M. Lerner, professor of child and adolescent development, will give an overview of adolescence, titled "What do we know?" The moderator will be Ann C. Crouter, associate professor of human development.

Speakers on the panel include: Jane Quinn, director of the Project on Youth Development and Community Programs, Carnegie Corp. of New York; Joy Dryfoos, professor at the Columbia University School of Public Health; Patricia L. Best, director of planning, research and communications, State College Area School District; and Irwin Feller, professor of economics and director of the Institute for

Policy Research and Evaluation.

Details about the workshop are available by contacting Bea Mandel at 863-7594.

Obituary

William S. Loy, information systems coordinator, research in the Division of Undergraduate Studies, died Feb. 3 at the age of 56. He joined the University staff Aug. 1, 1956.

Engineering plans open house program

Tours of the NASA Propulsion Engineering Research Center laboratories, free Creamery ice cream, laboratory demonstrations and a luncheon for women in engineering are just a few of the offerings scheduled for the College of Engineering's 1991 Open House from 9:30 a.m. to 3:30 p.m. Saturday, Feb. 23, at University Park.

The annual event offers prospective and current students and their parents an overview of the college. Tours, demonstrations and information sessions will cover all 11 engineering majors as well as the nine engineering technology majors offered at the Commonwealth Campuses.

The luncheon, open to all prospective women students, is sponsored by the Society of Women Engineers and the Women in Engineering Program. Reservations are required.

Information booths in Kunkle Lounge and in Sackett Building will offer information on all aspects of the College of Engineering and the University, including financial aid, admissions and special programs.

For more information contact Jo Bright, 863-3044.

Hintz

Continued from page 1.

volunteers to help provide top-level leadership for the campaign. A specific campaign goal and timetable will be announced later this year.

Design and construction will take several years. The convocation center will be located near Beaver Stadium.

Mr. Hintz, a Reading native, graduated from Penn State in 1959 with a bachelor's degree in business administration. He was a member of Lion's Paw honorary society.

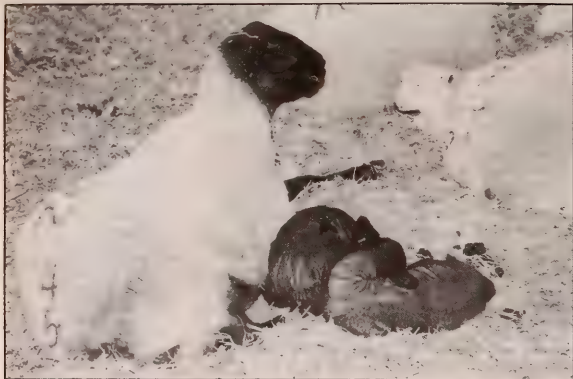
He earned a master's degree in business administration from Harvard University in 1963. He worked for firms in Indiana and New York in portfolio management until 1974, when he founded Hintz, Holman and Hecksher.

Mr. Hintz sits on the board of visitors of the Smeal College of Business Administration and is a member of the University's National Development Council, its chief fund-raising advisory board.



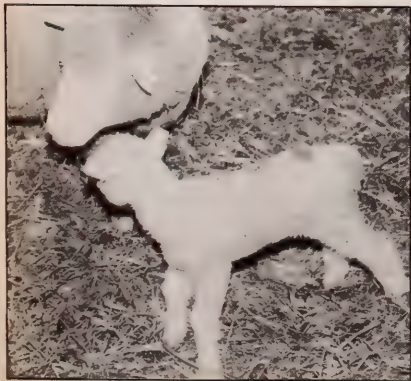
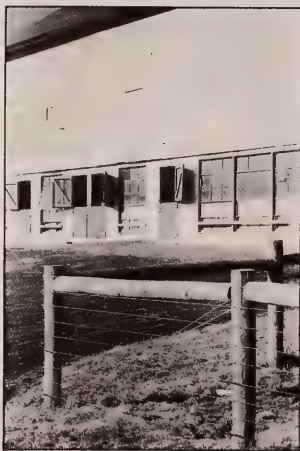
Balancing Act

Construction continues on a five-story classroom/office building at the intersection of Pollock and Shortridge Roads at University Park. The building, located in the southwest corner of the site, is scheduled for completion in May, 1992. (Photo: Greg Grieco).



Lambing Season

Photographer Greg Grieco visited the University's sheep barns to capture these shots of ewes and their newborns. There are about 250 ewes and 400 lambs at University Park, representing three breeds: Suffolk (with black heads), Dorset and a cross breed between Dorset and Columbia, according to Scott Snyder, student worker at the sheep barns. Mr. Snyder, a senior majoring in dairy and animal science, said each ewe gives birth to two to three lambs during lambing season, which runs from January through April. Within three days of birth, lambs are numbered with paint to identify which ewe bore them. Suffolk lambs' coats are black at birth, but change to white within three weeks. The University uses some sheep for research and sells others for meat and to promote the breeds raised at the University.



Appointments

Kimberlie A. Kranich has been appointed producer/director, Rural America Documentary Unit, at WFSX-TV.

Ms. Kranich is a 1987 graduate of the University of Wisconsin and holds a master's degree in journalism from the Medill School of Journalism at Northwestern University.

She previously was employed by WTAJ-TV, Altoona, where she was children's television producer and news producer. She also has worked as a reporter for the Medill News Service in Washington, D.C., and as a journalism instructor at the National High School Institute in Evanston.

Kevin Moore has been appointed coordinator of placement and internships for Penn State Erie, The Behrend College.

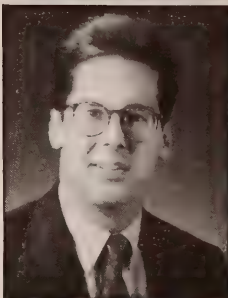
His responsibilities in this newly created position include developing a comprehensive on-campus employer recruitment program and assisting in the development of internships for students.

He received his master's degree in public administration from Penn State. He also was affiliated with the American Economic Development Council of Harrisburg.

Mr. Moore formerly served as demographic services coordinator at Penn State Harrisburg.

Joan L. Parrett, staff development and training specialist, Office of Human Resources Services, College of Agriculture, has been appointed to the newly established position of assistant director of the Instructional Development Program (IDP).

In announcing the appointment, Jerry B. Covert, associate dean for undergraduate education, said her responsibilities will include monitoring University-wide compliance with University Faculty Senate approved legislation related to curricular development, initially in the areas of general education, cultural diversity and



Kevin Moore

writing across the curriculum.

Dr. Covert also announced that **Maryellen Weimer** has resigned as IDP director to become associate director of a newly funded National Center on Teaching and Learning in Postsecondary Education housed in the Center for the Study of Higher Education.

"The excellent programming activities initiated under Dr. Weimer's leadership of IDP will continue," he said. "We are fortunate that her new appointment keeps her on the faculty of Penn State so that the University will have the continued benefit of her expertise."

Dr. Covert is serving as acting director of the Instructional Development Program while a national search is being conducted for a permanent director.

Dr. Parrett, a graduate of Millersville University, received a M.S. in education from Temple University, and a Ph.D. in curriculum and instruction from Penn State.

She was a social studies teacher in the



Joan L. Parrett

Elizabethtown Area Middle School, Elizabethtown, Pa., from 1971 to 1983 when she became a staff member in the Instructional Development Program. She served as a research project associate in the Office of Continuing Professional Education, Division of Planning Studies, from 1986 to 1988 when she joined the College of Agriculture.

An associate member of the Graduate Faculty, Dr. Parrett also is an affiliate assistant professor in the College of Education. Her publications include needs assessment research and complete curricula, as well as instructional guides and sourcebooks for faculty.

Dr. Parrett is a member of the Association for Educational Communication and Technology, American Society for Training and Development and Phi Delta Kappa.

Andrew Scanlon, professor of civil engineering, has been appointed acting



Andrew Scanlon

head of the Department of Civil Engineering.

He succeeds **Michael S. Bronzini, H.H. West**, professor of civil engineering, is chairing the search committee for a permanent head of Civil Engineering.

Dr. Scanlon joined the University faculty in 1987 as professor of civil engineering. He previously was professor of civil engineering at the University of Alberta. An expert in structural engineering, he has published more than 60 technical articles in this area and has extensive industrial experience as a design engineer and manager.

Co-editor of the *International Journal of Ferrous Engineering*, Dr. Scanlon also serves in leadership positions in the American Concrete Institute and the American Society of Civil Engineers.

He received his B.S. from the University of Glasgow, Scotland, and his Ph.D. from the University of Alberta, Canada.

Faculty/Staff Alerts

New IBIS release

IBIS, the new Integrated Business Information System, is being implemented as the result of a cooperative University-wide system development effort. It has included contributions of critical ideas and support from areas throughout the University to insure all needs are met, plus direct involvement from several pilot colleges and departments, Management Services, the Office of Human Resources, Budget and Resource Analysis, Management and Systems Engineering, Purchasing, Payroll and the Corporate Controller.

IBIS products have been made available in numbered groups of on-line applications, referred to as releases. Release 1 provided University offices with the capability to inquire about official information on University employees working within their area of responsibility. It also provided tools

so that basic ad hoc reports could be produced easily. Behind the scenes the Electronic Approval System (EAS), and a sophisticated security system were developed and implemented.

A second release (2.1) in October, 1990, provided products for position management, new appointment processing, reappointment processing, termination, and selected human resource transactions.

Release 2.2, the most recent set of on-line IBIS products, will be made available to University administrative users on Feb. 25. This set will allow human resource change actions, which previously were done on the Payroll Change Form, to be accomplished more quickly and completely via discrete forms using EASY.

Release 2.2 products will be used to process/record changes for both academic and non-academic persons. They will involve information processing for all filled

positions within the University. Pay and salary adjustments, data reflecting promotions and demotions, rank or employee class changes, transfer between positions, leave/off status changes, and scheduled step increases may be transacted using the new products.

Training in the use of release 2.2 products has been available from the past month from the IBIS Training Office in Management Services. Training representatives within each administrative area have received hands-on training and/or training materials as they have chosen, and are available to users who have questions. In addition, two HELP sessions for those who would like individual attention will be held from 1 to 3 p.m. March 7 and from 10 a.m. to noon March 13 in Room 31 Shields Building.

If you would like to attend one of these sessions, contact Marcella Immel in the Training Office by electronic mail (ML2@PSU/ADMIN) or by telephone at 863-4735.

The Emc2/TAO electronic mail system

which is on the Management Services computer has an electronic bulletin board called IBIS-NEWS, on which current IBIS information is posted. Users of IBIS are encouraged to review the entries on the Bulletin Board periodically.

SERS account statements

Annual retirement account statements have been distributed to faculty and staff members who are members of the State Employees' Retirement System (SERS). These statements provide information about retirement accounts as of Dec. 31.

Many of the statements contain either current retirement estimates (as of the end of last year) and/or projected retirement estimates to normal retirement age. The member's age, years of service and proximity to the normal retirement date determine the type of estimate(s) which are provided.

Faculty and staff members with questions about retirement account statements should contact the Employee Benefits Division at 865-1473.

Focus on the arts

Emigre Voices Lecture

Eva Hoffman, Polish-born author of *Lost in Translation: A Life in a New Language*, will speak as part of the Department of English Emigre Voices Lecture Series at 8 p.m. tonight in 101 Kern Graduate Center at University Park.

Ms. Hoffman, an editor of *The New York Times Book Review*, also has been editor of the *West in Review* and deputy editor of the *Arts and Leisure* sections of the *Times*. In addition to regular book reviews, she has written widely on literature, music, film, cultural topics and Eastern Europe for the *Times*, the *Atlantic Monthly*, *Vogue* and other publications.

Lost in Translation: A Life in a New Language, which poet Czeslaw Milosz has called "graceful and profound," was published by E.P. Dutton in 1989 and will be published in paperback by Penguin this spring.

The Emigre Voices Lecture Series includes prominent writers from Central and Eastern Europe, who read from their works and discuss the role of writers in their native countries of Russia, Poland, Czechoslovakia and Germany.

The arts on Channel 3

"Uncle Vanya," the classic play by Anton Chekov, will be presented by WPSX-TV on *Great Performances* at 9 p.m. Friday, Feb. 22.

Adapted for television by Pulitzer Prize-winning playwright David Mamet, this melancholy comedy is set on an isolated Russian estate at the turn of the century and revolves around a group of passionate and foolish middle class adults trying to make sense of their lives.

At 7 p.m. Sunday, Feb. 24, WPSX-TV will present *Odyssey: The Art of Photography at National Geographic*. The program features captivating views of the world's countries, creatures, and cultures in a one-hour presentation.

The program hosted by Richard Kiley, offers a rare glimpse into the creative processes that inspired top photographers of the past century to produce some of their most celebrated works.

Pattee exhibit

Craig Yarnell's exhibition, "Re-animate," is on display in Pattee Library's West Lobby Gallery through Feb. 28. The exhibit includes oils on canvas, black and white photography with screen manipulations, and moires.

Of the exhibition, which was previously



Lisa J. Bontrager and Daryl Durrant, both music faculty members, will present recitals next week. See the stories on this page.

shown at The Metropoli in Pittsburgh, Mr. Yarnell said, "ultimately, I'd like the pieces to generate a certain type of edge to people; an urgency to discover a nerve untapped."

Brown bag luncheon

John Balaban, professor of English, will give a talk on "A Visit to the Institute of Literature, Hanoi," as part of the Comparative Literature brown bag luncheon series at 12:15 p.m. Monday, Feb. 25, in 101 Kern Building at University Park.

Those interested in attending only the lecture should arrive before 12:45 p.m. Coffee and tea will be provided to accompany a brown bag lunch.

Bassoonist to perform

Daryl Durrant, assistant professor of bassoon, will present a recital at 8 p.m. Monday, Feb. 25, in the School of Music Recital Hall at University Park.

The program will include J.S. Bach's Sonata in D major (BWV 1028), Monodie for Solo Bassoon by Dieter Acker, Trois Nocturnes by Rene Ducas, Three Bagatelles for Oboe and Bassoon by Alexei Haeff and Variations on "Ich bin der Schneider Kakadu," by Beethoven.

Performing with Mr. Durrant will be faculty members Marylene Dosse, piano; Barry Kroecker, oboe; William Tighman, piano; and Smith Toulson, clarinet.



Opera producer to speak

Jonathan Miller of London, England, will present the lecture "Splendour" at 8 p.m. Tuesday, Feb. 26, in 112 Walker Building at University Park.

The lecture is part of the series "The Art of Interpreting," sponsored by the Department of Art History and the Institute for the Arts and Humanistic Studies.

Dr. Miller produced the BBC Shakespeare Series from 1979 through 1981, and currently is directing "Katya Kabanova" at the Metropolitan Opera. An associate director of the Old Vic from 1988-90, he was an Honorary Fellow of St. John's College, Cambridge, and a Research Fellow in Neurophysiology at the University of Sussex.

Odyssey on WPSU

"To be sure there are common features between the Easterner and the Westerner," says a character in Modarressi's novel *The Pilgrim's Rules of Etiquette*, "but in the end their encounters remain barren... like the quince-apple tree."

On the next episode of "Odyssey Through Literature," Nasrin Rahimieh of the University of Alberta discusses with host Leonard Rubinstein Modarressi and other Iranian writers in exile. "Odyssey Through Literature" is produced by the Department of Comparative Literature in the audio-production studios of WPSX-TV. It airs

Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Concert choir

The Penn State Concert Choir will perform in concert at 12:10 p.m. Thursday, Feb. 28, in the Eisenhower Chapel at University Park. The 20-minute concert is part of the Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The program will include selections from Mozart's Requiem and works by Canadian composers.

The concert choir is a group of 72 singers, both music and non-music majors, directed by D. Douglas Miller.

Horn concert

Lisa J. Bontrager, assistant professor of music, will present a concert of music for the horn at 8 p.m. Thursday, Feb. 28, in the School of Music Recital Hall at University Park.

The program will include works for solo horn by Beethoven, Saint-Saens and Gilbert Vinter. Ms. Bontrager, who will be joined by pianist Steven Smith, also will play Beethoven's Sonata on the valveless hand horn, historic predecessor of the horn.

The New Decade Quartet, playing pieces by J.S. Bach, Mozart and Koetsier, will also be featured in the concert.

Art Alley exhibit

"Esprit: An Exhibit of Photographs" by Nina Melendrandi, a University senior, is on display through March 3 at the Art Alley Gallery in the Hertz Union Building at University Park.

At the heart of the exhibit is the belief that the essence of spirit permeates everything. Also important is the interaction between the human subject and the photograph.

"The photograph extracts something of the essence of the person," Ms. Melendrandi says.

The arts at...

Altoona Campus

As part of the celebration for Black History Month, Ethel Caffie-Austin, gospel artist extraordinaire, will perform at 7:30 p.m. Tuesday, Feb. 26, in the Paul R. and Margery Wolf Kuhn Theatre.

Dr. Richardson to be formally installed at Johns Hopkins

Former University President Bryce Jordan will attend the official installation ceremony of William C. Richardson as the 11th president of The Johns Hopkins University on Feb. 22.

Dr. Richardson, who assumed the post July 1, will be formally installed on the 115th anniversary of the founding of the University.

Dr. Richardson had served as executive vice president and provost at Penn State since 1984. Prior to that, he had been at

the University of Washington since 1971. His last position there was dean of the graduate school and vice provost for research.

A widely published health policy expert, Dr. Richardson is a member of the Institute of Medicine of the National Academy of Sciences and chairman of its Joint Panel on the National Health Care Survey, and co-chairman of the Pew Charitable Trusts' Commission on the Future of the Health Professions.

Presidents of other universities and colleges with which Dr. Richardson has been affiliated as a student, faculty member or administrator, also will attend the ceremony. They include Hanna Gray, president of the University of Chicago; William E. Gerberding, president of the University of Washington; and Tom Gerety, president of Trinity College.

University Park Calendar

**February 21--
March 3**

Special Events

Thursday, February 21

Bach's Lunch, 12:10 p.m., Eisenhower Chapel. The He-Lo's from the Penn State Glee Club.

Commission for Women, meeting, 1:30-3:30 p.m., 256 Hammond.

Sol Kramer Lecture, 8 p.m., 112 Kern. Dr. Robert B. Cairns, Univ. of North Carolina, on "Belated But Bedazzling: Genetic Influences Upon Social Development."

■ English Emigre Voices Lecture Series, 8 p.m., 101 Kern. Eva Hoffman, Polish-born author of *Leviathan in Translation: A Life in a New Language*.

Friday, February 22

Geog. Coffee Hour, 4 p.m., 319 Walker. Alan Block on "The Geography of Organized Crime in New York City."

Center for the Performing Arts, 8 p.m., Eisenhower Aud. American Indian Dance Theatre.

URTC, 8 p.m., Playhouse Theatre. "The Pirates of Penzance," through March 1.

Saturday, February 23

Shaver's Creek, Bird Breakfast/Winged Hunters, 8:10-30 a.m., 11:30-1 p.m. Call 863-2000.

■ Touch of Africa, 5:30 p.m. to midnight, HUB Ballroom.

Sunday, February 24

School of Music, 1:30 p.m., Recital Hall. Organ recital.

Carnegie Hall Film Series, 7 p.m., *She Done Him Wrong* (1933); 8:15 p.m., *Henry V* (1945), 108 Wartik Free.

Monday, February 25

■ Comp. Lit. Luncheon, 12:15 p.m., 101 Kern. John Balaban on "A Visit to the Institute of Literature, Hanoi."

■ Parivatan, film/pand discussion, 7:10 p.m., 214 Boucke. "The Status of Women in Rural and Urban India in the Past 20 Years."

School of Music, 8 p.m., Recital Hall. Penn State Percussion Ensemble.

Wednesday, February 27

Penn State Chapter, National Association of Science Writers, 11:45 a.m., 313 Kern. Dr. Richard J. Bord on "Risk Perception in Hazardous Facility Siting."

Audio-Visual Services, open house, 1:30-4:30 p.m., at its three University Learning Centers.

Thursday, February 28

Bach's Lunch, 12:10 p.m., Eisenhower Chapel. Penn State Concert Choir.

School of Music, 8 p.m., Recital Hall. Lisa J. Bontrager, horn.

Friday, March 1

Geog. Coffee Hour, 4 p.m., 319 Walker. Bob Beg, Indiana Univ. of Pa., on "Planning for Decline."

Saturday, March 2

Shaver's Creek, 7-9 p.m., Owl Prowl. Call 863-2000.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5:30-6 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m.



The American Indian Dance Theatre will perform traditional Indian tribal dances at 8 p.m. Feb. 22 in Eisenhower Auditorium. See the story on page 2.

"Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubinstein.

Conferences

Continuing Education

Keller Building
Feb. 26, Pa. Bar Institute: Child Custody. Shirley Hendrick, chair; Jerri Milson, coordinator.
Feb. 27-March 1. RTAP/Train the Trainer Program. James Miller, chair; Barb Impellitteri, coordinator.

Seminars

Thursday, February 21

Physics Colloquium, 3:30 p.m., SS Osmond Lab. Dr. Daniel Grischlow, IBM, on "Materials Studies with Subpicosecond Beams."

■ Australia-New Zealand Studies Center, 3:30 p.m., Eisenhower Chapel Lounge. Paul Acfield, Labor Party, and Graham Morris, Liberal Party, on "Political Parties and Campaign Strategies in Australia: Views from Opposing Practitioners."

Gerontology Colloquium, 4-5 p.m., 106 Mitchell. Phil Smith on "Trends in Health Status of the Elderly."

Friday, February 22

Condensed Matter Physics, 10 a.m., 339 Davey. Dr. Lev Mikheyev, Univ. of Maryland, on "Structural and Hydrodynamic Effects in Wetting."

■ Agronomy, 3:35 p.m., 107 Ag Science and Industries. Dr. Craig Humphrey on "Environmental Sociology - International Politics of Population and the Environmental Consequences."

Tuesday, February 26

Chemical Engineering, 2:45 p.m., 140 Fenske. David T. Hayhurst, Cleveland State Univ., on "The Effect of Gravity on the Growth of Large Zeolite Crystals."

Chemistry Colloquium, 3:30 p.m., SS Osmond. A. Welford Castleman on "Clusters: A Glimpse at the Role of Solvation on Structure and Reactions."

Graduate Program in Nutrition, 4 p.m., 101 Althouse. Robert G. Bursey Sr., Nat'l. Dairy Promotion Research Board, on "Dairy Food and Nutrition Research to Meet the Needs of Tomorrow's Consumers."

Condensed Matter Physics, 4 p.m., 339 Davey. Dr. Peter Reynolds, Navy, on "Generalizations of Quantum Monte Carlo."

Computer Science, 4 p.m., 325 Whitmore. Rajeev Alur, Stanford Univ., on "Modeling and Verifying Real-Time Systems."

Biology, 4 p.m., 8 Mueller. William F. Martin, Technische Univ. Braunschweig, on "A Molecular Approach to Classical Questions of Angiosperm Evolution."

Thursday, February 28

Seminar, 1:25-2:30 p.m., 301 Ag Admin. Dr. Rattan Lal, Ohio State Univ., on "Are Intensive Agricultural Practices Environmentally and Ethically Sound?"

Computer Science, 2 p.m., 325 Whitmore. Robert Paige, N.Y. Univ. Courant Institute, on "More Efficient Bottom-Up Multi-Pattern Matching in Trees."

Whitefield Lecture, 3:30 p.m., SS Osmond. Dr. Pierre C. Hohenberg, AT&T Bell, on "Nonequilibrium Patterns."

Friday, March 1

Agronomy, 3:35 p.m., 107 Ag Science and Industries. Dr. Warren Parker on "Opportunities for Increased Pasture Grazing in Pennsylvania: A New Zealand's Perspective."

Exhibits

Chambers Gallery

Graphic Design and Metals, through March 15.

HUB Galleries

Art Alley Cases:

James Malone Beach, "Metal and Clay Talisman," through March 3.

Nina Meledandri, "Espirito: An Exhibit of Photographs," through March 3.

Formal Gallery

Sidney D. Gamble, photographs, "China Between Revolutions: 1917-27," through March 10.

Kern Gallery

Robert O. Sherman, watercolors, through March 15.

Palmer Museum of Art

Abstracting the Landscape: The Artistry of Landscape Architect A.E. Bye, through March 30.

Pattee Library

Lending Services Gallery: Tara Johnson, pen and ink drawings, through Feb. 24.

West Lobby Gallery:

Craig Yarnell, "Re-animate," through Feb. 28.

Zoller Gallery

Gender and Representation, through March 4.

TIPS

Information Penn State

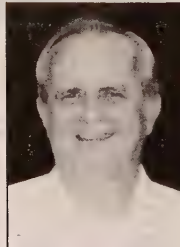
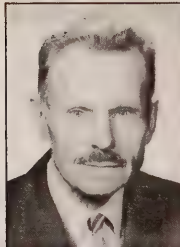
Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather-234, Arts Line-345; University Calendar-456.

■ Reflects an international perspective

Obituary

Elizabeth J. Morrow, admissions counselor. Division of Admissions, Records and Scheduling, from April 1, 1954, until her retirement Oct. 1, 1979, died Feb. 2 at the age of 76.

25-year award recipients



Observing 25 years of service at the University are, from left, Michael Fetchu, assistant supervisor, Property Inventory, Controller's Office; Gerald G. Johnson, associate professor of computer science; Janet J. Reed, budget clerk, College of Education;

William R. Schmalstieg, professor and head of Slavic Languages; Al Zimmerman, stock delivery clerk, General Stores, Business Services.

In Pollock Undergraduate Library

New computer lab opened at University Park

The University continues to expand and enhance its computer services for students and faculty with a new lab containing 30 Apple Macintosh IIs computers in the Pollock Undergraduate Library.

One of three new microcomputer laboratories created during the 1990-91 academic year, this latest laboratory is a joint effort of the Center for Academic Computing and the University Libraries.

"We have been working for several years to secure funding for this facility and are pleased that even in these days of budget constraints, we were able to create this

laboratory," Nancy M. Cline, dean of the University Libraries, said.

Students at the University Park Campus now have access to more than 600 computers in 13 public laboratories, which are managed by the Center for Academic Computing and contain Apple Macintosh and IBM-type computers.

Students can run computer applications on the machines in the laboratories. If class assignments require the use of the University's IBM 600S mainframe, students can link to the mainframe for applications software, electronic mail and access to LIAS, the University Libraries' on-line

electronic catalog. Each of the labs has a lab attendant, and during certain scheduled hours, consulting services are provided to assist students with computing questions.

"The opening of the Pollock lab and others during this academic year is a recognition by the University of the importance that computing technology has to teaching and learning at Penn State," Russell S. Vaught, director of the Center for Academic Computing, said.

For more information, contact the Office of the Director, Center for Academic Computing, at 863-0425.

Sol Kramer Lecture

How genetics affects social behaviors -- including violence and delinquency -- will be the topic of the third Sol Kramer Lecture, sponsored by the College of Health and Human Development.

Robert B. Cairns, professor of psychology at the University of North Carolina, Chapel Hill, will discuss "Belated but Bedazzling: Genetic Influences upon Social Development" at 8 tonight in 112 Kern Graduate Building.

Dr. Cairns is an internationally respected researcher on the relationships among development, genes and social behavior.

The lecture series is named for the late Sol Kramer, research professor of ethology at the University of Florida.

News in Brief

National teleconference

Focusing on the problem of rising violence in dating on the nation's college campuses will be goal of a national teleconference from 1 to 4 p.m. Tuesday, Feb. 26, in 112 Kern Graduate Building at University Park.

The American College Personnel Association teleconference is presented nationally with the cooperation of several national college and higher education organizations. The event was brought to Penn State through special funding from the Office of the Vice President for Student Services and Center for Women Students.

Lunchtime roundtable series

Richard J. Bord, associate professor of sociology, will lead a lunchtime roundtable sponsored by the Penn State Chapter of the National Association of Science Writers at 11:45 a.m. Wednesday, Feb. 27, in Room 313 Kern Building at University Park.

Dr. Bord will lead a discussion of "Risk Perception in Hazardous Facility Siting."

The Penn State Chapter of the National Association of Science Writers meets for lunch and discussion on the last Wednesday of each month. The brown bag lunchtime roundtable series is open to anyone interested in science communication.

Academic counseling program

Pamela Evans, academic counselor in the College of Health and Human Development, will present a program titled "Academic Counseling Needs and the Single Parent Student" at 12:30 p.m. Wednesday, Feb. 27, in 120 Boucke Building at University Park.

The program is co-sponsored by the Center for Women Students and the Returning Adult Student Center. If you'd like more information or are planning to attend, contact the Returning Adult Student Center at 863-3887.

Learning Centers open house

Audio-Visual Services is sponsoring an open house for faculty and staff from 1:30 to 4:30 p.m. Wednesday, Feb. 27,

at each of its three Learning Centers at University Park.

Macintosh and IBM interactive video technology will be demonstrated in Room 6 Sparks Building; additional computing capabilities and video and audio equipment will be available in Room 1 Human Development East; and lecture recording and the dial-access system will be presented in 15 Pinchot Hall, in the East Halls dormitory complex.

The open house also will give faculty members a chance to discover how the Learning Centers can provide a place for supplemental class work to be done.

Fulbright Scholar Program

The Fulbright Scholar Program for 1992-93 will award some 1,000 grants for research, combined research and lecturing, or university lecturing. Opportunities range from two months to a full academic year; many assignments are flexible to the needs of the grantee. There are openings in more than 100 countries and, in many regions, multicountry research is possible.

Application materials are available beginning March 1. For more

information and applications, contact Elizabeth B. Smith, Fulbright program adviser, Office of International Programs, 222 Boucke, University Park, 863-7581, or call or write the Council for International Exchange of Scholars, 3007 Tilden Street, NW, Suite SM, Box NEWS, Washington, D.C. 20008-3009; (202) 686-7877.

Swimming hall of fame

Three persons will be inducted into the Pennsylvania Swimming Hall of Fame, located in the McCoy Natatorium at University Park, during ceremonies a 7:50 p.m. Friday, March 8.

The inductees are:

William "Willie" Crawford, who has compiled more than 30 years of coaching experience on the age group, high school, college, and masters level; Pat Madden, former Butler High School swimming coach who is now the head coach for both men and women at Slippery Rock University; Allan Gerald Rose, who has been the Pittsburgh YM and WHA coach for more than 30 years and has produced many outstanding swimmers.

Partings



Lois L. Boob

Lois L. Boob, accounting clerk in the Division of Housing and Food Services, has retired after 27 years service. Ms. Boob came to the University in 1964 as a production clerk in the bakery. She was responsible for placing bakery orders from the dining halls, pricing items and handling the payroll.

Since September 1977, she has worked as an accounting clerk. Her responsibilities included operating money machines for the vending machines, making deposits and balances for the day and checking-in vending machine operators.

She and her husband reside in Bellefonte. Of her three children, her son Larry graduated from Penn State in 1979.

Harry J. Charlesen, associate professor of business administration at the Penn State DuBois Campus, has retired after 22 years service.

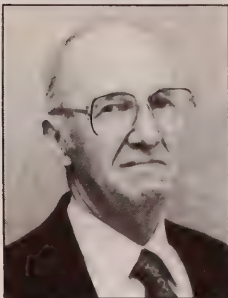
Professor Charlesen joined the campus faculty following 22 years with the United States Army. He holds a bachelor of business administration degree as well as an M.S. degree from the University of Alaska.

When he first came to the campus, he taught most of the business subjects, including accounting, statistics, and finance. The last several years, his concentration has been in the accounting field. He also was the program leader of the associate degree program in business administration.

In recognition for his years of dedication to the business curriculum at DuBois Campus, the annual business symposium held there has been renamed the Harry Charlesen Business Symposium. "I am extremely pleased," he said. "I was one of the people instrumental in getting the symposium started about 14 years ago. It's quite an honor. I couldn't be more pleased."

In retirement, Professor Charlesen will probably do some traveling and fishing. He also enjoys chess and woodworking. "I also would like to do some volunteer work and perhaps a little tax practice," he said, "just to keep busy."

John Harchak, assistant budget supervisor in the Department of Continuing



Harry J. Charlesen

Education, has retired after 26 years service.

Mr. Harchak was in charge of purchase orders, equipment inventory, wage payroll and interdepartmental mail. Before becoming budget supervisor, he was a cost accountant for Erie Tech and then an accountant in Research Contracts at Penn State.

His retirement plans include part-time work as a financial and investment adviser.

Barbara R. Kautz, research associate at the Computer Center in the Division of Computer and Information Systems, has retired after 34 years service.

Ms. Kautz began working at the University in 1956 doing mathematical calculations in the Ordnance Research Laboratory. From 1958 until 1961, she worked in the Department of Chemistry as a lab instructor and then became a systems programmer for the Computer Center. In 1971, she was promoted to technical editor.

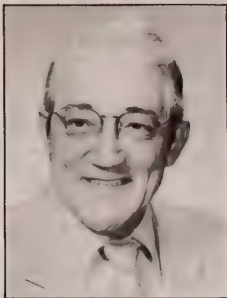
Her responsibilities included writing and editing and documentation about using the mainframe, the newsletter and completing data-based processing.

In retirement, Ms. Kautz plans to garden, redecorate her home, learn to use a personal computer and travel throughout Europe. She has one daughter and two grandchildren and has been a resident of State College for 34 years.

John S. Nisbet, distinguished alumni professor of electrical and computer engineering, has retired after 33 years service.

A former director of Communications and Spaces Sciences Laboratory, Dr. Nisbet began his professional career at the University in 1957 as a research associate and was named distinguished alumni professor in July 1986. Prior to coming to Penn State, he worked as an engineer for Nash and Thompson Ltd. and Decca Radar Ltd., England, and Westinghouse Corp., Canada.

After completing his undergraduate work at London University, Dr. Nisbet earned an M.S. and a Ph.D. in electrical engineering from Penn State. He was appointed Senior



John Harchak

National Academy Fellow at Goddard Space Flight Center and was a Fulbright Lecturer at Kharkov State University, the Soviet Union.

Dr. Nisbet is known for developing the Penn State MKI ionospheric model in 1971. This was the first large global ionospheric model that could be used by non-scientists to make ionospheric predictions.

The author of numerous books and publications, Dr. Nisbet's areas of interest include ionospheric communication theory, aeronomy and atmospheric electricity. A recipient of the College of Engineering Research Award, he served as a National Science Foundation Postdoctoral Fellow at the Institut d'Aeronomie Spatiale, Belgium.

In retirement, Dr. Nisbet and his wife, Valerie, plan to do some traveling, but will continue to call State College their home.

Patty L. Ruedy, data preparation operator in management services for the Division of Computer and Information Systems, has retired after 33 years service.

After graduation from high school, Ms. Ruedy came to the University in 1957, where her grandfather, Russell S. Chaffar, had worked as an electrician for 38 years. She was a key punch operator and worked on student registration and transcripts until 1975.

From 1975 until her retirement, she was a data preparation operator and was responsible for maintaining the bookkeeping and handling the payroll.

Ms. Ruedy plans to use her retirement to spend time with her husband Ken, garden, work with crafts and take care of her new house. She and her husband live in State College.

Norman H. Suhr, associate professor of geochemistry in the College of Earth and Mineral Sciences, has retired after 32 years service.

Mr. Suhr had been director of the college's Materials Characterization Laboratories (formerly Mineral Constitution Laboratories) since 1970, and assistant director of the Earth and Mineral Sciences Experiment Station since 1982.

He received two degrees from the



John S. Nisbet

University of Chicago: B.A. in liberal arts in 1950 and M.S. in geology in 1954. After serving as associate curator of mineralogy and petrology at the Chicago Natural History Museum, and spectrographer and geologist-mineralogist with the Heavy Mineral Co. in Tennessee, he came to Penn State in 1958 as a spectroscopist in the EMS Mineral Constitution Laboratories.

For the past 30 years, Mr. Suhr has worked closely with faculty members in their research investigations, and developed the Materials Characterization Laboratories in support of the college's research programs and as a professional service. His own research interests lie in the application of spectroscopy and instrumental analysis to geologic materials and problems, and he is author or coauthor of more than 30 research publications.

Mr. Suhr is a member of the American Association for the Advancement of Science, the American Society for Testing and Materials, and the Society of Applied Spectroscopy.

Nelson Catherman, supervisor of trades, Office of Physical Plant, from Sept. 12, 1960, until Jan. 1.

Norine A. Kirk, clerk typist A at Beaver Campus, from Nov. 1, 1979, until Jan. 1.

Edward A. Gazarik, maintenance worker, general A at New Kensington Campus, from Feb. 11, 1980, until Jan. 1.

Leo A. Corbett, assistant professor of general engineering at Wilkes-Barre Campus, from March 1, 1975, until Jan. 1.

Charles E. Glock, janitorial worker, Office of Physical Plant, from Dec. 4, 1967, until June 13, 1969, and from Jan. 12, 1981, until Feb. 1.

Carroll L. Olinger, central processing aide, Hershey Medical Center, from Jan. 19, 1981, until Feb. 1.

Barbara D. Sommers, senior records clerk, Health and Human Development, from May 30, 1972, until Feb. 1.

John Kosinuk, maintenance worker/utility at Delaware County Campus, from Nov. 17, 1980, until Jan. 12.

Penn Staters

Ennice N. Askov, professor of education and director of the Institute for the Study of Adult Literacy, has received the Keystone State Reading Association's "Celebrate Literacy" Award.

Amar Bhalla, senior scientist and professor of solid state science at the Materials Research Laboratory, has been elected a Fellow of the Optical Society of America "in recognition of distinguished service in the advancement of optics, particularly for the development of novel electro-optic and pyro-optic materials and techniques for infrared sensing and imaging."

Kenneth C. Blythe, director of Management Services, has been elected secretary/treasurer of the board of directors of CAUSE, the Association for the Management of Information Technology in Higher Education.

Jean-Marc Bollag, professor of soil microbiology, presented seminars at the University of York, England; at the Research Center of Jülich, Germany, and at the Swiss Federal Institute for Water Resources in Zurich, Switzerland.

Monty L. Christiansen, associate professor of recreation and parks, has been installed as a second vice president of the National Society for Park Resources.

Priscilla Cohn, professor of philosophy at the Penn State Ogontz Campus, delivered a paper titled "A Philosophical View on Fertility Control" at the Second International Conference on Fertility Control in Wildlife in Melbourne, Australia.

George Dulikravich, associate professor of aerospace engineering, gave invited lectures on "Aerodynamic Space Design" in Holland, Belgium, France and Germany and lectured on the "DMR Method for Acceleration of Iterative Algorithms" in Czechoslovakia and Germany. He also organized and lectured at a one-week short course on computational fluid dynamics in Ljubljana, Yugoslavia.

Linda Fehr, head nurse at the Penn State Schuylkill Campus, has received the 1990 Distinguished Service Award in the education category given by the National Commission Against Drunk Driving for her work at Schuylkill Campus in combating the problem of drunk driving.

An article titled "Vocationalism Revisited: The Role of Business and Industry in the Transformation of the

Schools" by **Kenneth Gray**, associate professor of vocational education, has been selected as the Outstanding Research Article in Volume 13 of the journal of the American Vocational Education Research Association.

Peter Hahn, assistant professor of history at Penn State Erie, The Behrend College, has won travel grants from the Lyndon Baines Johnson Foundation for research at the Johnson Library and from the John F. Kennedy Library to pursue research there.

James Hamilton, assistant professor of speech at the Penn State Mont Alto Campus, has won a first place in the Education Division of the 1990 "Take Pride in Pennsylvania" Program for his work with the Conservation Leadership School.

William Hartman, associate professor of education, presented a paper titled "Special Education Financing and Cost Control" at the Association of School Business Officials Annual Conference in Toronto, Ontario.

E.G. Heffner, professor emeritus of chemical engineering, chaired two sessions at the 6th International Symposium on Ion Exchange in Hungary. He also presented 10 lectures on topics including reaction kinetics, ion exchange and nonlinear wave propagation, at laboratories in the Soviet Union, Czechoslovakia, Italy, France and Germany.

John Jewett Henry, director of the Pennsylvania Transportation Institute, and **James C. Wambold**, director of the PTI Vehicle/Surface Interaction and Safety Program, have been named principal investigators of the 1992 International Experiment to Harmonize Skid Resistance and Texture Measurement Procedures.

James Herbert, assistant professor of education, has received the "Rehabilitation Educator of the Year" award from the National Council on Rehabilitation Education for "significant contributions of a rehabilitation educator."

Clarence D. Johnson Jr., police service officer/crime prevention specialist, Department of University Safety, Police Services, has been elected president of the Pennsylvania Association of Campus Crime Prevention Practitioners for a two-year term.

Sanjay Joshi, assistant professor of industrial engineering, has received the 1991 Robert B. Douglas Outstanding Young Manufacturing Engineer Award from the Society of Manufacturing

Engineers for "significant achievements and leadership in manufacturing engineering."

Kathryn Keams, assistant professor of exercise and sport science and coordinator of the dance program at the Penn State Ogontz Campus, discussed the possibility of exchanges in dance between Australian groups and Penn State at the New South Wales Department of School Education.

Philip A. Klein, professor of economics, gave an invited lecture titled "Monitoring Instability in the Modern World" at the University of Siena in Italy. He also gave the opening paper, "An Institutional View of 1992," at the Conference of the European Association for Evolutionary Political Economy in Florence, Italy.

William J. Kraemer, director of research for the Center for Sports Medicine, was an invited lecturer in a series on long-term development of the young, elite athlete held in Melbourne, Canberra, and Sydney, Australia.

Akhlesh Lakhtakia, assistant professor of engineering science and mechanics, was a visiting professor of physics at the Universidad de Buenos Aires, Argentina, during the 1990 summer term.

Budugur Lakshminarayana, Evan Pugh professor of aerospace engineering, has been named the 1990 Freeman Scholar Lecturer by the American Society of Mechanical Engineers.

Gary L. Lilien, research professor of business administration, has been elected to a two-year term in the office of the National Coordinator of the European Marketing Academy.

Michael Moore, associate professor of education, coordinated an intensive workshop titled "Research in Distance Education: Setting a Global Agenda for the Nineties" at the 15th World Conference on Distance Education in Caracas, Venezuela.

Robert E. Newnham, Alcoa professor of solid state science at the Materials Research Laboratory, was keynote speaker at the International Symposium on Fine Ceramics in Arita, Japan.

Larry K. Olsen, professor of health education, has been installed as president of the American School Health Association.

Jerry C. Olson, chairman and professor of marketing, presented a paper "Conceptualizing, Developing and Evaluating Advertising Strategy: The

MECCAS and STRATA Models," at a joint conference of the European Marketing Academy and the European Society of Opinion and Market Research in Athens, Greece.

David S. Palermo, professor of psychology and associate dean for research and graduate studies in the College of the Liberal Arts, gave the third annual James Dreyer Lecture in Psychology titled "Musing on the Meaning of Metaphor: Is Knowledge the Key?" at the University of Edinburgh.

David Passmore, professor of vocational education and professor of adult education, has received a 1990 research award from the Center for Education and Training for Employment at the Ohio State University "for outstanding contributions to research in the field of education and training for employment."

Gerald M. Phillips, professor of speech communication, has been named 1990 recipient of the Lambda Eta Phi national award for teaching excellence.

Joseph Prewitt Diaz, associate professor of education, has been appointed a member of the Executive Committee of the Pennsylvania Heritage Affairs Commission.

Della M. Roy, professor of materials science at the Materials Research Laboratory and the Department of Materials Science and Engineering, has been appointed to a special Committee on Highway De-Icing Chemicals of the Transportation Research Board of the National Research Council.

Rustum Roy, Evan Pugh professor of the solid state, served as chairman of the International Conference on New Diamond Science and Technology in Washington, D.C.

Barbara Shannon, distinguished professor of nutrition, has been awarded a major grant to study home-based dietary education for children who have elevated blood cholesterol levels. The \$2-million, interdisciplinary study is funded by the National Institutes of Health.

Russ Vaughn, director of the Center for Academic Computing, and **Jim Forkner**, research assistant and the University's administrator for The Educational Initiative have received a TEI Partnership and Innovation Award for sponsoring the first Regional TEI Administrators' Conference in 1989.

Focus on Research

Intercom
February 21, 1991

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New crash test skull could save pilots' lives *Existing dummy skulls fail at high acceleration rates*

The aluminum skulls on crash test dummies used in aircraft ejection seat tests cannot meet the demands of testing new high-speed aircraft, according to University researchers.

Needed is a new dummy head that will allow measurements to be taken at high accelerations. David W. Jensen, assistant professor of aerospace engineering, and James A. August, graduate student in aerospace engineering, are developing a skull made of composite materials to replace the aluminum skull on ejection test dummies.

A complete manikin, patterned after automobile crash test dummies, is used to determine what happens when a pilot ejects. These manikins, however, were not developed for high acceleration ejection testing, Dr. Jensen said.

The skulls on the current manikins are manufactured of hollow aluminum and weigh 10 pounds. They are covered with an elastomeric skin to simulate the effects of skin and flesh.

Instrumentation is placed in the skull to monitor the accelerations of the skull, the forces transmitted from the skull to the neck and other parameters. Using these measurements, researchers can determine the effect of the forces on the human body.

"The aluminum skull works well at lower accelerations, but high acceleration rates cause the skull to resonate at a natural frequency, which interferes with data collection," Dr. Jensen said. "Basically, the aluminum skull rings and makes data collection impossible."

"As jets become more advanced and operate at greater accelerations, the pilot must be ejected from the cockpit in a shorter period of time. The time between a malfunction in the aircraft or damage to the aircraft by a weapon and destruction of the aircraft is becoming increasingly shorter."

"The acceleration forces as the body leaves the cockpit and comes into the high-speed air stream can



David W. Jensen is shown with three kinds of crash test dummy skulls, from left: elastomeric skin, which simulates skin and flesh, composite (developed by University researchers), and aluminum.

be many times the force of gravity," he added. "We need to know if the pilot is going to suffer damaged vertebrae and how the helmet, helmet mounted displays and instrumentation will react in the wind forces."

"With an ejection seat, the objective is to save the life of the pilot. However, there is a limit to what the human body can stand."

The first phase of the project is simply to prove that a skull can be made of composite materials; approach the stiffness, mass and other static and dynamic property requirements; and be reliably reproduced.

"If we can do that, then we can go back and change the composite materials to create any properties we want, making the skull more accurate, and still ensure that every skull will have the same properties," he noted.

"The problem with composites is that fabrication is complicated," said Mr. August, who is actually building plaster molds and working with fabrics and resins to develop the composite skull.

The researchers are exploring three different manufacturing methods — filament winding, hand lay-up and resin transfer molding — to determine the most reproducible method. Filament winding uses an

automated machine to wrap fibers around a form. In hand lay-up, sheets of fabric are hand-placed inside of a mold and draped in place.

In both these methods, epoxy resin is then applied to the carbon or glass fibers, and the fiber/resin composite is cured in an autoclave at 350°F and elevated pressure.

In resin transfer molding, after the fabric is placed in the mold, the resin is drawn into the mold using a vacuum and immediately cured in an autoclave.

"Eventually we will have a skull with 20 to 25 layers of fabric," Mr. August said. "This skull will be lighter than the aluminum one and will need weights to meet the mass requirement for the project."

"Besides meeting the static requirements, we must eventually meet a requirement for drop testing. It might be possible to meet this requirement by using tough aramid or polyethylene fibers like Kevlar or Spectra. We might also change the resin to a toughened plastic."

"All we are interested in now is proving that we can fabricate a repeatable skull. After that we will look at more advanced materials," Mr. August added.

—A'ndrea Elyse Messer



Enlargement of crash test dummy skull made of composite materials.

Photos by
Greg Gricole

Bookshelf

Libby Goodman, assistant professor of special education, is the author of a volume in the SUNY Series in Special Education titled *Time and Learning in the Special Education Classroom*.

The 320-page book, published by the State University of New York Press, focuses on the relationship between time use and learning results, exploring the instructional processes in special education classrooms. The text emphasizes teacher control of time resources at the classroom level instructional and management strategies that conserve and enhance instructional time and the efficient and effective use of learning time to enhance student performance.

John R. Gutierrez, associate professor of Spanish, and Martha Rosso-O'Laughlin of Tufts University, have co-authored the first in a series of three textbooks designed to change the way a new generation of secondary school students learn a foreign language. The series, titled *Ya verás (Now You'll See)* and published by Heinle and Heinle, is the first for high school Spanish students to be published since the 1970s.

Whereas older texts often emphasized grammar for its own sake rather than creative use of language, Dr. Gutierrez' text has as its goal free expression from the outset and effective linguistic functioning in real-life situations.

An important aspect of the text is its integration of cultural material dealing with Spain, Spanish America, and the Hispanic community in the United States into all of the materials or components of the program.

In addition to the texts, these components will include workbooks, laboratory tape programs, videos using authentic unscripted everyday language correlated to the materials in the textbook, as well as a methods manual for instructors.

William Bernard McCarthy, associate professor of English at the Penn State DuBois Campus, is the author of *The Ballad Maker*, published by Indiana University Press.

"*The Ballad Maker* examines one of the largest collections of songs gathered during the golden age of ballad collecting in Scotland, from 1780 to 1830," Dr. McCarthy said.

Dr. McCarthy is particularly interested in how traditional singers learn ballads and

how they change them. Agnes Lyle, the subject of his book, apparently lived in tumultuous times. The book shows how she changed ballads to reflect the political oppression and economic strain of the times.

"When we look at what was happening to poor people in Scotland in the 1820s," he said, "it is easy to see why she felt the way she did. But she's almost the only great ballad singer who made these kinds of changes."

Dr. McCarthy, who joined the DuBois Campus faculty in fall of 1989, earned his doctorate in folklore from Indiana University in Bloomington, Ind.

Allan Rodgers, professor emeritus of geography, is editor and contributor to *The*

Soviet Far East: Geographical Perspectives on Development, published in London and New York by Routledge.

In a series of 12 essays, 11 geographers and Soviet specialists explore the geographical and economic complexity of the Soviet Union's largest economic region and consider prospects for its successful development.

Remoteness, an inhospitable climate, primitive transportation networks, administrative inefficiency, and the inability to attract a suitable workforce are among the obstacles to development of the enormous natural resources of this vast region that stretches from Lake Baykal to the Arctic Ocean, the River Lena to the Pacific.

Head of Mathematics Department sought

The Eberly College of Science invites applications and nominations for the position of head of the Department of Mathematics.

Candidates for the position should have a distinguished record of mathematical research and teaching, and have demonstrated superior administrative or

leadership skills, qualifying them to play a leadership role in the further development of the department.

Applications and nominations will be reviewed during March, and should be sent to W. Dale Brownwald, chairman, Search Committee, 405 McAllister Building, University Park, PA 16802.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff non-exempt have been listed with the University Employment Division for filing. The brief statements for each vacancy are illustrative. They are not complete position descriptions. APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 423-0304). Applications for these staff vacancies will be accepted until Feb. 28. DO NOT CONTACT THE AREA THAT HAS THE VACANCY.

Applications for staff vacancies are considered in accordance with Fair Employment Practices (PS-1) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

■01303, **Writer-Information Aide**, Senior Vice President for Research and Dean of the Graduate School, Research Publications, University Park Campus - Responsible to the director of research publications and information and to the research managing director for providing administrative support, copyediting, and performing tasks associated with research publications. Requires bachelor's degree, or equivalent, in communications or related field and nine to 12 months effective experience in office management. Working knowledge of office computers preferred. Written and verbal communications skills are required. STAFF GRADE 4.

■01304, **Assistant Marketing Manager**, University Arts Services, Center for the Performing Arts, University Park Campus - Responsible to the marketing manager for planning, developing, and coordinating marketing

campaigns and budgets for clients of the Center and representing the marketing department to University and external constituencies. Requires bachelor's degree, or equivalent, in communications, marketing, or related field and one to two years effective experience. THIS IS A FIXED TERM POSITION RUNNED THROUGH JUNE 30, 1992. WITH EXCELLENT POSSIBILITY OF REFUNDING. STAFF GRADE 6.

Hershey

For the following position vacancies, apply directly to The Milton S. Hershey Medical Center. Attach resume with cover letter indicating the position vacancy code and forward to the Department of Human Resources, Hershey, or call the Hershey bid line at (717) 531-8531 by Feb. 28.

■17316, **Systems Analyst**, Department of Information Systems - Responsible to the assistant director, Information Systems, for implementing the payroll and accounting procedures for the College of Medicine with the various departments to determine their information requirements and operational needs. Requires a bachelor's degree in accounting with knowledge of third generation programming language plus four years of data processing experience. STAFF GRADE 7.

■10053, **Nurse Manager**, Department of Nursing/Medical-Surgical - Responsible to the assistant director of nursing services as designated for the operation of the patient care unit, including nursing care activities, the coordination of patient care service, and maintaining acceptable standards of good patient care on a 24-hour basis. Requires a B.S. degree in nursing or equivalency,

plus three to four years of effective experience and licensed to practice as a registered nurse by the Pennsylvania State Board of Nursing. A master of science degree preferred. STAFF EXEMPT, GRADE 7.

■14700, **CT Surgical Head Nurse**, Department of Nursing/Operating Room - Responsible to a nursing manager, assistant director of nursing, and/or an assistant patient unit coordinator for performing a variety of nursing duties, as well as providing leadership to nurse clinicians and other patient care personnel. A registered nurse with a current license to practice professional nursing in Pennsylvania, plus one to two years of effective operating room experience. STAFF NON-EXEMPT, GRADE 5.

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7517.

William E. Campbell Jr., Editor
Deborah A. Benedictt, Assistant Editor
Kathy Garman, Calendar

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INTERCOM

February 28, 1991

Volume 20, Number 23

University Park United Way campaign exceeds goal

Contributions to the 34 agencies of the Centre County United Way by University Park employees totaled \$207,517, exceeding the goal of \$189,750 by more than \$17,000. The previous high total was \$190,541 raised in 1989.

In announcing the final results of the annual campus campaign, University Park United Way Chair Anne Petersen, dean of the College of Health and Human Development, said, "We in University administration are proud to lend our support to the annual United Way campaign and are grateful to the more than 2,000 employees who have contributed."

"However, even though we exceeded the financial goal, we are aware that, despite intensified efforts in informing Penn State's about United Way and its work, our second goal of increasing participation resulted in only 87 more donors."

Dean Petersen noted that the county campaign over all did not achieve its goal of a 15-percent increase, attributed in part, by campaign organizers to

general economic conditions.

"We will continue to work with the local United Way office and the member agencies to support their good works—many of which directly benefit Penn State employees. Currently, a study is being developed that will survey the community and Penn State employees on how various attitudes may affect giving."

"Everyone who works so hard for United Way, and certainly the people who are served by the agencies, needs to know what we are doing right and how to improve what is not working."

In commending University Park campaign workers for their efforts, Dean Petersen said special recognition will be given this year to the following areas:

Employee units with zero to 50 employees:

Highest Dollar Increase -- International Programs/President's Office -- Carol Herrmann, associate chair; Sharon Becker, assistant chair.

Greatest Participation Increase -- Main Office, Business and Operations,

James Wagner, associate chair; Dale Roth, assistant chair.

Employee units with 51 to 100 employees:

Highest Dollar Increase -- School of Communications, Brian Winston, associate chair; Christine Templeton, assistant chair.

Greatest Participation Increase -- University Safety/Business and Operations -- James Wagner, associate chair; Dale Roth, assistant chair.

Employee units with 101 to 200 employees:

Highest Dollar Increase -- Academic Services, Robert Dunham, associate chair; Gloria Briggs, assistant chair.

Greatest Participation Increase -- College of Arts and Architecture, James Moeser, associate chair; James Stephenson, assistant chair.

Employee units with 201 to 400 employees:

Highest Dollar Increase -- College of Earth and Mineral Sciences, John Dutton, associate chair; Everett Tiffany, assistant chair.

Greatest Participation Increase --



College of Health and Human Development -- Anne Petersen, associate chair; Ginny Adams, assistant chair.

Employee units with 401 or more employees:

Highest Dollar Increase -- College of the Liberal Arts, Theodore Kiffer, associate chair; James Winck, assistant chair.

Greatest Participation Increase -- College of Agriculture, Lamartine Hood, associate chair; Robert Sams, assistant chair.

University will be part of NCAA certification program

The University will be part of an NCAA pilot athletic certification program that will examine in-depth "specific aspects of the intercollegiate program as they relate to Penn State's mission."

The certification program, administered in concert by the University and the NCAA, will begin next month and take approximately three months to complete.

President Thomas said the self-study will concentrate in seven basic areas: institutional mission, governance and administrative issues, academic issues, finance, conduct of student-athletes and coaches, commitment to rules compliance and the student-athlete experience.

"Penn State has long been a proponent of some form of athletic certification program," Dr. Thomas said, "and we are delighted to take a leadership role in this important process. This extensive review of our policies and procedures will enable us to evaluate our program's strengths and weaknesses and identify means of enhancing the management and

'Penn State has long been a proponent of some form of athletic certification program, and we are delighted to take a leadership role in this important process.'

—President Thomas

perpetuating the integrity of our intercollegiate program."

The NCAA has established a two-year period to field-test the certification strategy. Penn State is one of 47 Division I-A member institutions that have voluntarily agreed to participate. At the end of the trial period, the NCAA membership will determine if the effort should continue and, if so, whether it should be made mandatory.

Dr. Thomas said the focus is on assisting institutions in self-study effort. The process, he added, "will help define operational standards for the athletic program in

comparison to University-wide policies and procedures."

"NCAA certification is a very visible statement that the University has thoroughly evaluated its academic and athletic standards in an effort to strengthen its commitment of institutional integrity," athletic director Jim Tarmann said.

The NCAA reported that neither punitive nor disciplinary actions will be imposed at the conclusion of the certification process. The "overriding goal" of the study, the NCAA said, "is to assist in evaluating the participants' conclusions concerning critical aspects of its athletic

program, identifying specific and realistic goals for improving areas of concern and formulating a plan of action to achieve stated objectives."

To assist in the NCAA certification process, Dr. Thomas appointed a self-study steering committee consisting of members from many different University constituencies inside and outside of athletics.

John J. Coyle, the University's NCAA faculty representative, will chair the nine-member committee, which also includes Maryann Domitrovitz, assistant professor of the athletic subcommittee of the University Faculty Senate Committee on Academic and Athletic Standards; Robert E. Dunham, vice president and vice provost; Kellie Goodman, an undergraduate in communications and member of the Lady Lion softball team; Edward G. Johnson, a graduate student in business and former Penn State football player; Diane L. Kenepff, director of the

See 'NCAA' on page 5.

Focus on Diversity

Engineering begins administrative fellows program

The College of Engineering inaugurates the Engineering Administrative Fellows Program with the appointment of **Laura E. Frye**, nuclear engineering administrative assistant, and **Cathy J. Kowalske**, electrical engineering student records secretary, as 1991 Engineering Administrative Fellows.

Modeled after the University's Administrative Fellows Program, the new program initially is limited to women and minority members of the engineering community. Fellows, who are appointed to half-time positions in areas of engineering administration for a six-month period, remain half-time in their existing positions. They choose an administrative area in which to work and develop an individual work plan.

The Engineering Administrative Fellows Program is designed to provide career development opportunities for engineering staff members by giving them access to skills and experience at different levels of administration throughout the College, according to John A. Brighton, dean of the College of Engineering.



Laura E. Frye

"Laura Frye and Cathy Kowalske, both outstanding long-term employees, are excellent individuals to initiate the



Cathy J. Kowalske

program," Dean Brighton said.

"The program offers staff members first-hand experience and an opportunity to

further personal career goals. It also gives the College the opportunity to involve more women and minority staff members in engineering administration," he added.

Ms. Frye is working with George McMurtry, associate dean for planning and administration. Her fellowship activities include planning and implementing professional development programs for clerical, technical-service and staff employees.

Ms. Kowalske is working with Richard G. Swails, director of development. She is interested in all areas of engineering development with an emphasis on alumni and public relations.

The Engineering Administrative Fellows Program is on-going, and Fellows will be named to six-month intervals. To be eligible, candidates must have had three years of continuous service in the College in a full-time clerical or staff position as well as have demonstrated leadership, interpersonal and management abilities.

Conference to focus on feminist issues

A University-wide conference on "the Politics of Sexuality: Multicultural Feminist Voices" will be held Friday and Saturday, April 5 and 6, in the Hetzel Union Building at University Park.

The conference will address contemporary feminist issues in sexuality and will include as keynote speakers Andrea Dworkin, author of *Intercourse* and

Porriography: Men Possessing Women, and feminist activist Bille Avery, president and founder of the National Black Women's Health Project in Atlanta, Ga.

The conference is supported by a grant from the Equal Opportunity Planning Committee.

Kathleen Barry, of the Department of Human Development and Family Studies,

will be the conference convener. **Sabrina C. Chapman**, of the Center for Women

Students, and **Kathryn Hood**, of the Department of Human Development and Family Studies, are the conference coordinators.

For further information, contact the Center for Women Students at 863-2027.

Workshops on diversity course proposals set

Workshops to assist faculty members in developing cultural diversity course proposals will be offered four times in March.

Focusing on "How to Write a Cultural Diversity Proposal," the workshops are the first in a series of practical, implementation-oriented seminars and workshops planned for faculty members. Subsequent sessions will address resources, multicultural

classroom dynamics and methods to incorporate cultural diversity into classes. These sessions will be held at University Park, as well as at regional locations across the state.

Sponsored by the Office of Undergraduate Education, the University Faculty Senate Subcommittee on Cultural Diversity and the Instructional Development Program, the workshops are open to faculty members at all University locations. All workshops will be held in 207 Grange Building, University Park.

The schedule is: 1 to 3:30 p.m., Tuesday, March 5; 9:30 a.m. to noon Wednesday, March 6; 1 to 3:30 p.m., Monday, March 11; and 9:30 a.m. to noon Thursday, March 14.

The workshops are in response to University Faculty Senate legislation approved in March 1990 mandating a cultural diversity graduation requirement for all undergraduates. The proposal submission deadline for summer 1991 is March 22.

The legislation, which takes effect with the 1991-92 academic year, requires that all baccalaureate degree students take either

three credits of focused cultural diversity courses or 12 credits of cultural diversity enhanced courses. All associate degree students will take either three credits of cultural diversity courses or six credits of cultural diversity enhanced courses.

To satisfy the cultural diversity requirement, courses must focus on race, ethnicity, religion, gender, sexual orientation and/or global perspectives. Diversity enhanced courses must devote at least 25 percent of their time to these issues.

The workshops are designed to help faculty members who are planning to submit a proposal this spring develop complete cultural diversity proposals for both new and existing courses. Those attending one of the March sessions must come prepared with syllabus, detailed course outline, diversity resources, textbook and activity/homework descriptions.

To register for the workshops, call the Instructional Development Program office at 863-2599 by March 4 with the following information: participant's name, department or campus, course name, number, status, and workshop date.

Diversity Calendar

Monday, March 11

Commission for Women, meeting, 1 to 3 p.m., 301 Hetzel Union Building.

Commission for Women, spring banquet, 6:30 p.m., HUB Ballroom. Reception at 6 p.m. For information, call Lynn Ryan, 865-1683.

Tuesday, March 12

Men of Color, lunch meeting, noon to 1 p.m., Nittany Lion Inn.

Wednesday, March 13

Women of Color, noon to 1 p.m., Nittany Lion Inn Colonial Room. National Women of Color Day luncheon.

Office of Religious Affairs, 7 p.m., Paul Robeson Cultural Center Conference Room. Film: "Eyes on the Prize Part II," followed by discussion by Rev. Kenneth Clarke.

Thursday, March 14

Center for Women Students/Women's Studies Program, 8 p.m., HUB Gallery. Coppelia Kahn, Brown University, on "Warriors, Wounds and Women in Shakespeare's Roman Works."

Speaker scheduled for luncheon series

Kay Waslohn, a Center for Women Students staff assistant, will speak on "Women and Spirituality: Implications of a Male Diet" at noon Wednesday, March 20, in the Center for Women's Students Resource Room, 120 Boucke Building at University Park.

The lecture is part of the Center for Women's Students' Brown Bag Lunch Series.

Focus on Diversity cont.

Commission to honor Mrs. Fredman, Dr. Brighton

John A. Brighton, dean of the College of Engineering, and **Marian U. Coppersmith**, **Fredman**, president of the Board of Trustees, will be honored at the sixth annual banquet of the Commission for Women on March 11.

Dorothy F. Cotton, director of student activities at Cornell University, will be guest speaker at the banquet, which begins at 6:30 p.m. in the Hetzel Union Building at University Park. The reception starts at 6 p.m.

"Each year, the entire University community comes together at the commission banquet to honor achievements of the women at Penn State and to recognize individual advocates for women's equity," Mary Dupuis, chair of the commission and associate dean of the College of Education, said.

"The on-going purpose of the commission is to promote the efforts of women of the University in their various roles and activities, and to serve as a forum for the exchange of ideas within the University.

"Mrs. Fredman was selected both as the first woman elected president of the Penn State Board of Trustees and as a successful businesswoman and citizen who is a role model for us all," Dr. Dupuis noted. "Dr. Brighton and the entire College of Engineering is being recognized for an outstanding record of working to include women in the field of engineering."

Ms. Cotton served as the education director for the Southern Christian Leadership Conference from 1962 to 1972. In that position, she worked closely with Dr. Martin Luther King Jr. as the only

female member on his executive group in designing and conducting leadership training programs and strategies for promoting social change using non-violent means.

She also has served as the vice president for field operations for the Martin Luther King Jr. Center for Non-Violent Change in Atlanta.

From 1978 to 1981, Ms. Cotton was the southeastern regional director of ACTION, a federal agency for volunteer programs, coordinating day care programs, house support services, health and education services, and programs for the elderly.

Tickets for the banquet are \$10 for students and \$15 for non-students. The reservation deadline is March 4.

For more information, contact the commission at 865-1683.

Advanced degree fellowships offered

The College of Education is offering advanced degree fellowships for Native American Indian students participating in the American Indian Leadership Program.

Graduate degrees are in educational administration, educational theory and policy, curriculum and instruction, adult education, school psychology, special education, counselor education, counseling psychology, educational psychology, secondary education, elementary education mathematics education and higher education. Preference will be given to those who apply for doctoral degrees.

The American Indian Leadership Program, which is celebrating 20 years of operation, has a distinguished record of service to Native American Indians nationwide. As of summer 1990, 32 participants have earned doctoral degrees and 113 have earned master's degrees. It has been successful in placing both men and women in important leadership positions.

Ninety-five percent of the program's graduates have returned to contribute to Native American Indian education as college presidents, professors, administrators and teachers. The American Indian Leadership Program has a graduation rate of 84 percent, compared to the national average of a 50-percent completion rate for Indian students in graduate school.

The deadline for submitting applications for fall semester 1991, which begins August 1991, is April 30, and for spring semester 1992, is Nov. 15.

For more information, write to L.A. Napier, American Indian Leadership Program, Penn State, 320 Rackley Building, University Park, Pa. 16802, or call the program office at (814) 865-1489.

Feminist Scholars

Coppelia Kahn, professor of English at Brown University, will discuss "Warriors, Wounds and Women in Shakespeare's Roman Works" at 8 p.m. Thursday, March 14, in the HUB Gallery at University Park. At 8 p.m. Tuesday, March 19, E. Ann Kaplan, director of the Humanities Institute, State University of New York, will speak on "Images of Sexuality in Recent Films and MTV" in the HUB Gallery.

The lectures are part of the Six Feminist Scholars Lecture Series, sponsored by the Women's Studies Program and co-sponsored by the Center for Women Students and other University units.

Invisibility blues

Michele Wallace, associate professor of English and women's studies at the City College of New York, will discuss "Invisibility Blues: Black Feminism and Cultural Resistance" at 7 p.m. Monday, March 18, in the Paul Robeson Cultural Center at University Park.

Ms. Wallace is a writer and cultural critic. Her talk is sponsored by the Black Caucus and co-sponsored by the Center for Women Students' continuing speaker series, "Interactive Discrimination: The Combined Effects of Racism and Sexism," funded by the Equal Opportunity Planning Committee.

WPSX-TV programs

At 8 p.m. Wednesday, March 6, the power of gospel shakes the rafters of Chicago's historic Quinn Chapel when Patti LaBelle leads a rousing musical tribute to some of the biggest names in gospel music. *Going Home to Gospel with Patti LaBelle* on WPSX-TV is a stirring salute to past and present stars of gospel and includes performance by The Mighty Clouds of Joy, Dewing Harkens, the Barred Sisters, and others.

At 9:30 p.m. Wednesday, *American Masters* presents "Aretha Franklin: The Queen of Soul."

Three faculty and staff members to speak at luncheon

Three University faculty and staff members will be among the four speakers for the fourth annual National Women of Color Day Luncheon at noon Wednesday, March 13, in the Nittany Lion Inn at University Park.

The speakers are **Laverne Gyant**, interim director and research associate with the Black Studies Program; **Madhuri Prakash**, associate professor of education; **Maritza Ledee**, a career counselor with Career Development and Placement Services, all at the University; and **Robert Johnson**, a physician from the Mill Hall area.

Since 1987, Dr. Gyant has taught Black studies and human relations courses and is responsible for developing new courses for the Black Studies Program. Her research interests are in African-American women's studies and the history, participation and contribution of African-Americans to adult education.

Dr. Prakash joined the University faculty in 1981 as an assistant professor of education and was named an associate professor in 1987. Between 1984 and 1987, she also served as a Spencer Fellow in the

National Academy of Education. Her research interests include educational policy, processes and philosophy.

Ms. Ledee joined Career Development and Placement Services in September 1990

shortly after receiving her master's degree in counselor education from Penn State. She has done rehabilitation counseling internships in correctional institutions in Puerto Rico and at Rockview. At

Rockview, she helped to found a support group for inmates with AIDS.

Tickets, which are \$10 per person, are available by contacting Puring MacDonald at 865-2016 by March 4.



Laverne Gyant



Madhuri Suri Prakash



Maritza Ledee



Paper flower trunk and blossom, upper right, and *Sanchezia nobilis* (white-veined leaves), left

Biology Greenhouse

Used primarily for teaching and research, the Biology Greenhouse of the Department of Biology offers a wide array of plants from the exotic to the common. The photographs on this page were taken by Greg Grieco and illustrate the range of plants on display in the greenhouse, which is attached to Buckhout Laboratory at University Park. Tony Ornes, greenhouse technician, says the 100-foot by 50-foot greenhouse has one large tropical room and eight smaller houses. It is open to the public weekdays from 8 a.m. to 3:30 p.m.



Platycerium (Elkhorn fern)



Anthurium andreaeanum (Wax flower)



Chlorophytum elatum vittatum (Spider plant)

Graduate students to exhibit research

Some 100 graduate students will showcase their research activities at the sixth Graduate Research Exhibition to be held March 22-23 in the Kern Graduate Lobby at University Park.

Prize money of \$10,000 will be awarded, with awards to be announced at 4 p.m. March 23.

Among exhibits this year will be those revealing bedrock fractures in New York's Appalachian plateau; improving the shelf life of fresh mushrooms and folding proteins in new ways.

Studies of negative racial stereotypes of learning; Penn State's athletic spirit in 1886-1907; the social perception of television viewing, and costume design and construction for the play *Reservoirs and Gullsters are Dead* are a partial representation of exhibits from the arts, humanities, and social sciences.

NCAA

Continued from page 1.

Academic Support Center for Student-Athletes; Ellen E. Perry, associate athletic director and primary women's administrator; W. Herbert Schmidt, associate athletic director; and athletic director Tarnan.

"The committee," Dr. Thomas said, "will play an essential role in the completion of the project, which has the highest of institutional priorities.

"We have every confidence this independent review will provide another visible manifestation of the University's commitment to an athletic program consistent with its educational mission."

Penn State People

David E. Snell

David E. Snell, curator of the College of Earth and Mineral Sciences Museum in Steidle Building at University Park, began in his position May 5, 1953. "I'm in the same place where I started," he says, "and I'm not tired of it. It's been very interesting." Mr. Snell estimates that 30,000 to 40,000 persons—"ranging from the very young to the quille elderly"—visit the museum annually. His pet projects are the push-button demonstration exhibits which he has created. Among them are a fluorescent mineral exhibit, "opposite effects" demonstration, flexible sandstone, radioactivity, magnetic separation, and piezo-electric exhibits. "I build them as sort of a hobby at work," Mr. Snell says. "There are a lot more to do than I haven't been able to get to yet." (Photo: Greg Grieco)



News in Brief

Intercom schedule

There will be no Intercom during the week of Spring Break. The next issue of Intercom will be published on March 14.

Penn College appointment

State Sen. Roger A. Madigan has been appointed to the board of directors of Pennsylvania College of Technology. He assumes the position previously held by Sen. J. Doyle Corman, who has resigned.

Sen. Madigan, of Towanda, represents the 23rd Senatorial District. A Penn State graduate, he is a member of the University's Board of Trustees, having served as an agricultural trustee since 1979.

March is Eye Donor Month

Organ and tissue donation is the last—and possibly greatest—gift that an individual can give. Eye donations give the gift of sight, and other donations give the gift of life.

The Lions Eye Bank of Central Pennsylvania at the Hershey Medical

Center is distributing new brochures containing uniform donor cards. If you would like a donor card or an organ donor sticker for your driver's license, contact the Lions Eye Bank of Central Pennsylvania at (717) 531-7184 or 1-800-533-3005.

Health Careers Open House

The Hershey Medical Center will host a Health Careers Open House from 1 to 4 p.m. Sunday, March 10, at the Medical Center's University Fitness Center. Anyone interested in pursuing a career in health care is invited to discuss careers with health-care professionals; tour facilities; obtain financial aid information; and register for a lottery drawing to win \$1,000 scholarships and other prizes.

Call (717) 531-8440 or 1-800-334-2975 for additional information.

Movement skills

The College of Health and Human Development will offer a free program

in basic movement skills and games for children ages 5 through 8, beginning March 12.

The program will be held in Room 126 White Building at University Park from 3:45 to 4:30 p.m. Tuesdays, through April 16. Registration is scheduled for 3:45 p.m. March 12 in 126 White Building.

Faculty Women's Club

Milton J. Bergstein, associate professor of marketing, will speak on "Old Definitions, New Realities" at a brown bag lecture sponsored by the Faculty Women's Club at noon Wednesday, March 13, in Room 301 Hetzel Union Building at University Park.

Help with war stress

War stress will be the focus of a panel discussion for students, faculty and staff from 9:15 to 11 a.m. Friday, March 15, in the HUB Fishbowl at University Park.

Ellen Johnson, staff psychiatrist with Counseling and Psychological Services in

Ritenour Health Center, will be among the panelists answering questions about war-related anxieties.

John Fredrickson of WMAJ will broadcast the program live. The campus community is welcome to attend throughout the morning, and the listening audience may call in with their questions.

Golf courses openings

At present, the Penn State Golf Courses openings will operate on the following schedule:

White Shop (Recreation Building) will be open from 7 a.m. to 6 p.m. seven days a week beginning March 15; White Course will be open for play from 7 a.m. to dark beginning March 15; Lighted Practice Range (located at the Blue Course) will be open from 7 a.m. to 9 p.m. beginning March 28; Blue Course will open for play from 7 a.m. to dusk beginning March 28. Openings are dependent on weather and turf conditions.

Focus on the arts

The arts on Channel 3

At 12:30 p.m. Sunday, March 3, WPSX-TV will present *Rogers and Hammerstein: The Sound of American Music*. The special profiles one of the most popular and successful musical theater duos — Richard Rogers and Oscar Hammerstein III.

Their extraordinary string of enduring musicals include "Oklahoma," "The King and I," "The Sound of Music," "South Pacific," "Flower Drum Song," and "Carousel." The late Mary Martin hosts the program, which tells their story through film clips, still photographs, and interviews.

At 2:30 p.m. Sunday, *Great Performances* spotlights "Julie Andrews in Concert." Filmed before an enthusiastic crowd and backed by a full orchestra, Ms. Andrews dominates the stage of the historic Wilshire Theater in Los Angeles where she concluded her standing-room-only national tour last summer.

Highlights from several of her notable performances alternate with lesser-known selections that showcase her acting ability, grace, and agility, in addition to her vocal talent. Ms. Andrews sings songs from "My Fair Lady," "Camelot," and "The Sound of Music," and performs some especially created pieces from her hit one-woman show.

Ceramics exhibit

The ceramics of Ann-Lise Deering will be on exhibit from March 4 through March 27



The Scottish Chamber Orchestra, conducted by Jukka-Pekka Saraste, left, and featuring soloist Christopher Parkening, will perform at 8 p.m. Friday, March 15, in Eisenhower Auditorium.

in the Art Alley Cases of the Hetzel Union Building at University Park.

The State College artist has been working in her studio since 1979, making pottery and sculptural ceramics.

"I have a very special feeling toward clay," she says. "It is such a willing medium, soft and pliable, but with a mind of its own. I think of my work as organic forms. It is as if the handle of a cup or the spout of a teapot just sprouted and grew out of its side."

Ms. Deering came to the United States



from Norway in 1954, shortly after finishing her science degree. She began studying art at Penn State in 1969 while raising her four children.

Odyssey on WPSU

In South Africa, Sidney Zotwana taught literature written in his native Xhosa language — literature that he came to regard as "treacherous."

On the next "Odyssey Through Literature" program, "An Instrument of

Alienation," Mr. Zotwana, a South African doctoral candidate in comparative literature attending the University on a SHARE fellowship, describes to host Leonard Rubinstein the creation of Xhosa as a written language and the literary uses to which that language is put.

On the March 13 episode, "Jefferson in Transylvania," Eniko Molnar Basi of the Library of Congress introduces host Leonard Rubinstein to the book *Journey in North America*, published in 1834 by the Hungarian writer Sandor Boloni Farkas. In 1984, Farkas's book was reprinted, with the editor's comment that "it tends to be republished at crucial times."

"Odyssey Through Literature" is produced by the Department of Comparative Literature in the audio-production studios of WPSU-TV. It airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Brown bag luncheon

Phil Mosley, associate professor of comparative literature, will discuss "Guy Vae and Flemish Identity in Belgian Francophone Writing," as part of the Comparative Literature brown bag luncheon series at 12:15 p.m. Monday, March 11, in 101 Kern Building at University Park.

Those interested in attending the lecture only should arrive before 12:45 p.m. Coffee and tea will be provided.

The arts at...

Great Valley

Works from the Heartside Quilters will be displayed at Penn State Great Valley from March 1 through March 30.

The Heartside Quilters, a local chapter of the National Quilting Association based in Wayne, is devoted to the creation, collection and preservation of quilts. Members share a common love of quilting following guidelines and techniques established by their chapter.

Delaware County Campus

A major regional art show and sale featuring the works of 67 leading artists

will be held March 2-9 to benefit a fund set up to help aspiring artists.

Exhibit 1991 is sponsored by the Tim Mark Endowment Fund, which was established in memory of an artist and Penn State alumnus who died last year of cancer.

The exhibit in the Commons Building will feature art in a variety of media, including original sculptures, paintings, drawings and prints. For more information, call (215) 565-3300.

Hazleton Campus

From March 3 to March 22, eight oils by artist Dave Borghi will be on display in the

library at the Penn State Hazleton Campus.

The grouping, titled "2001," will demonstrate the unique vision of Mr. Borghi, a resident of Nesquehoning.

Penn State-Behrend

Penn State Erie, The Behrend College offers the following free events during March:

- Feminist theologian Rosemary Radford Reuther will discuss "Ecofeminism — The Symbolic and Social Domination of Women and of Nature in the Christian Tradition" at 8 p.m. March 11 in Reed Lecture Hall as part of the college's Women's History Month celebration.
- America's premier a cappella singing

group, Western Wind, will perform at noon March 13 in the Logan Wintergarden as part of "Music at Noon: The Logan Wintergarden Series."

- Judy Goldsmith will speak about "Women in America: The Invisible History" at 8 p.m. March 19 in Reed Hall for Women's History Month.

- The Baltimore Consort will give a performance combining art, music and popular song at 8 p.m. March 20 in Reed Hall.

- **Daniel Frankforter**, professor of history at Penn State-Behrend, will discuss "Condemned to Interesting Times" at 8 p.m. March 27 in Reed Hall as part of the Provost's Speaker Series.

AAAS recognizes faculty members as society fellows

Four University faculty members have been named Fellows of the American Society for the Advancement of Science.

John A. Dutton, dean of the College of Earth and Mineral Sciences and professor of meteorology; **Gregory L. Geoffroy**, dean of the Eberly College of Science and professor of chemistry; **David B. Geselowitz**, distinguished professor of bioengineering and professor of medicine; and **Sridhar Komarneni**, professor of clay mineralogy, were honored as AAAS

members whose efforts on behalf of the advancement of science or its applications are scientifically or socially distinguished.

Dr. Dutton was honored "for fundamental contributions to the theoretical understanding of geophysical flows, and for leadership, insight and extraordinary service in the development of community-wide vitality in atmospheric sciences."

Dr. Geoffroy was recognized "for research in organometallic chemistry, and for leadership in the Division of Inorganic

Chemistry of the American Chemical Society."

Dr. Geselowitz was cited "for important research in theoretical electrochemistry and the artificial heart, and for contributions to bioengineering education."

Dr. Komarneni was honored "for research in fundamental and applied clay mineralogy and geologic disposal of nuclear wastes, and for pioneering studies on design and synthesis of new materials."

University Park Calendar

**February 28--
March 17**

Special Events

Thursday, February 28

Brown Bag Lunch/Roundtable discussion, noon-1 p.m., 12 Sparks. Mary Frank Fox on "Research On Women in Science and Technology."
Bach's Lunch, 12:10 p.m., Eisenhower Chapel.
Penn State Concert Choir.
School of Music, 8 p.m., Recital Hall, Lisa J. Bontrager, home.

Friday, March 1

Geog. Coffee Hour, 4 p.m., 319 Walker. Bob Begg, Indiana Univ. of Pa., on "Planning for Decline."

Saturday, March 2

Shaver's Creek, 7-9 p.m., Owl Prowl. Call 863-2000.

Monday, March 4

Spring Holiday - no classes, through March 8.

Saturday, March 9

Shaver's Creek, 2-4 p.m., Bringing Wildlife to Your Back Yard. Call 863-2000.

Sunday, March 10

Shaver's Creek, 1-3 p.m., Pa. Trees. Call 863-2000.

Monday, March 11

■ Comp. Lit. Luncheon, 12:40-1:20 p.m., 101 Kern. Philip Mosley on "Guy Vass and Flemish Identity in Belgian Francophone Writing."

Tuesday, March 12

■ Art History and Institute for the Arts and Humanistic Studies, 8 p.m., 112 Walker. Martin J. Powers, Univ. of Michigan, on "Rhetorical Dimensions of Pictures in Early China."

Wednesday, March 13

Brown Bag Lecture for faculty women, their spouses, friends, noon, 301 HUB. Dr. Milton Bergstein on "Old Definitions. New Realities."

Thursday, March 14

Bach's Lunch Concert, 12:10 p.m., Eisenhower Chapel.

Friday, March 15

■ International Lecture Series, 2:30-4 p.m., 222 Boucke. Leszek Skibniewski, Adam Mickiewicz Univ., on "Cross-Cultural Considerations in English Language Instruction in Eastern Europe."

Saturday, March 16

■ Six Feminist Scholars, 8 p.m., HUB Gallery. Coppelia Kahn, Brown Univ., on "Warriors, Wounds and Women in Shakespeare's Roman Works."

Friday, March 15

Trustees meet at Hershey, through March 16.
Geog. Coffee Hour, 3:30 p.m., 319 Walker. Brian Harty, Univ. of Wisconsin, on "Carlogography as Text for 10th-Century America."

Saturday, March 16

■ Center for the Performing Arts, 8 p.m., Eisenhower Aud. Scottish Chamber Orchestra with Christopher Parkening.

Sunday, March 17

Shaver's Creek, 8-10:30 a.m./11:30 a.m.-12:30 p.m., Bird Breakfast/Vanishing Songbirds. Call 863-2000.

Monday, March 18

Center for the Performing Arts, 3 and 8 p.m., Eisenhower Aud. "The Sound of Music."
Carnegie Hall Film Series, 7 p.m., 108 Wartik. *The Adventures of Robin Hood* (1938); 9 p.m., Billy Liar (1963). Free.



The ceramics of Ann-Use Doering will be exhibited March 4-27 in the Art Alley Cases of the Hetzel Union Building.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m. Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m. "Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubinstein.

Conferences

Continuing Education

Keller Building

March 5, Student Athlete Diet/Diet Drugs. M.J. Rice, chair; Chuck Herd, coordinator.

March 6, Dental Seminar. Kent Addis, coordinator.

March 7-9, Metaphysical Society of America. Stanley Rosen, chair; Jack Sinclair, coordinator.

Seminars

Thursday, February 28

Seminar, 1:25-2:30 p.m., 301 Ag Admin. Dr. Rattan Lal, Ohio State Univ., on "Are Intensive Agricultural Practices Environmentally and Ethically Sound?"

Computer Series, 2 p.m., 325 Whitmore. Robert Paige, N.Y. Univ./Coursant Institute, on "More Efficient Bottom-Up Multi-Pattern Matching in Trees."

Whitfield Lecture, 3:30 p.m., 55 Osmond. Dr. Pierre C. Hohenberg, AT&T Bell, on "Nonequilibrium Patterns."

Friday, March 1

Aerospace Engineering Computational Fluid Dynamics, 11:15 a.m., 315 Hammond. R.W. Wleziem, Illinois Institute of Technology, on "Control of Noise from Supersonic Jets."

Agromony, 3:35 p.m., 107 Ag Science and Industries. Dr. Warren Parker on "Opportunities for Increased Pasture Grazing in Pa: A New Zealand's Perspective."

Computer Science, 4 p.m., 325 Whitmore. Gianfranco Ciardo, Software Productivity Consortium, on "Analysis of Large Stochastic Petri Nets."

Monday, March 11

Entomology, 3:45-4:45 p.m., 204 Patterson. David Denlinger, Ohio State Univ., on "Insect Diapause: The Physiology of Escaping in Time."

Tuesday, March 12

Chemical/Biochemical Engineering, 2:45-3 p.m., 140 Fenske. Henrik Pedersen, Rutgers Univ., on "Manipulating Alkaloid Production in California Poppy Cultures."

Chemistry Colloquium, 3:30 p.m., 55 Osmond. Graham R. Fleming, Univ. of Chicago, on "Ultrafast Spectroscopy in Condensed Phases."

Graduate Program in Nutrition, 4 p.m., 101 Althouse Lab. Doris Lennon-Thompson, Kraft General Foods U.S.A., on "Nutrition Opportunities in Industry: Translating Research and Regulation into Real Food."

Biology, 4 p.m., 8 Mueller. Misha B. Evgen'ev, Johns Hopkins Univ., on "Heat Shock Response in Organisms Inhabiting Arid Zones."

Conserved Matter Physics, 4 p.m., 339 Davey. Dr. David Janow, Pitt., on "Scaling and the Evolution of an Interfacial Stability."

Thursday, March 14

Physics Colloquium, 3:30 p.m., 55 Osmond. David Landau, Univ. of Georgia, on "Exploring New Frontiers of Physics with Computer Simulations."

Friday, March 15

Conserved Matter Physics, 10 a.m., 339 Davey. Dr. Martin Wybourne, Univ. of Oregon, on "The Coupled Electron-Proton Systems in Metallic Microstructures."

Agromony, 1:35 p.m., 107 Ag Science and Industries. Dr. Gary Petersen on "Statewide Evaluation of Agricultural Non-Point Source Pollution Problems in Pa Using a Geographic Information System."

Exhibits

Chambers Gallery

Graphic Design and Metals, through March 15.

HUB Galleries

Art Alley Cases

James Maloney, "Metal and Clay Talisman," through March 3.

Nina Meledandri, "Espirito: An Exhibit of Photographs," through March 3.

Formal Gallery

■ Sidney D. Gumble, photographs, "China Between Revolutions: 1917-27," through March 10.

Kern Gallery

Robert O. Sherman, watercolors, through March 15.

Palmer Museum of Art

Abstracting the Landscape: The Artistry of Landscape Architect A.E. Bye, through March 30.

Pattee Library

Lending Services Gallery: Tara Johnson, pen and ink drawings, through Feb. 24.

West Lobby Gallery

Craig Yarnell, "Re-animate," through Feb. 28.

Zoller Gallery

Gender and Representation, through March 4.

■ Reflects an international perspective

Two graduates cited for role in Gulf war

Two University graduates are profiled in the Feb. 11 issue of U.S. *News and World Report* as among the top six military field commanders involved in Operation Desert Storm.

Lt. Gen. John J. Yeosock, an ROTC graduate in 1959, is army commander of almost 300,000 U.S. ground troops in the Gulf region. Gen. Yeosock was named the 1990 outstanding alumnus by the College of Engineering.

The other Penn State graduate profiled in the magazine is Lt. Gen. William "Gus" Pagnon, who serves as the Army's chief logistician in Saudi Arabia.

Gen. Pagnon earned a bachelor's degree in 1964 and an MBA in 1970. According to U.S. *News and World Report*, since August his staff has served more than 88 million meals, delivered 152 million gallons of water, pumped 152 million gallons of fuel and distributed 236,300 tons of ammunition.

Appointments

Frederick R. Eisele has been named head of the Department of Health Policy and Administration in the College of Health and Human Development. He had served as acting head of the department since last May.

Dr. Eisele joined the University staff in 1973 as assistant professor in the former Community Development program and was promoted in 1980 to associate professor of health planning and administration. He previously served as special assistant in the Department of Medicine and Surgery at the Veterans Administration Central Office, Washington, D.C.

Dr. Eisele is best known for his research on marketing in long-term health care. His funded research includes grants from the Robert Wood Johnson Foundation and the U.S. Department of Health and Human Services.

He is a fellow of the Gerontological Society of America and chaired the Public Policy Committee of the American Society on Aging. He is a member of the Academy of Health Services Marketing and the Association for Public Policy and Management.

Dr. Eisele holds a bachelor of arts degree in history and philosophy from the

University of Santa Clara and a doctorate in political science from New York University. He was a post-doctoral fellow at the Duke University Medical Center, Center on Aging.

Dorothy Ikach has been named public information and media relations specialist in the University Relations Office at the Penn State McKeesport Campus.

Since 1985, Mrs. Ikach served as secretary to the campus executive officer. In her new position, she is responsible to the regional director of development and university relations for conducting an ongoing program of public information, writing copy and providing general assistance in publishing campus brochures. She will assist in public events and with alumni programs.

Mrs. Ikach received a bachelor of arts degree in media communications from the University of Pittsburgh and an associate degree in liberal arts from the Penn State McKeesport Campus.

She is a charter member of the Golden Key Honor Society at Pitt and received the Penn State McKeesport Outstanding Alumni Award in 1985. From 1983 to 1987 she served as school director of the McKeesport Area School District.

Judith J. Kalich has been named regional director of development and university relations in the Greater Pittsburgh area.

A member of the University staff at the Penn State McKeesport Campus for 12 years, Mrs. Kalich has been director of university relations since 1986. She will continue to devote time locally, while also serving regionally. Prior to her appointment as local director, she was an admissions officer from 1978-86.

Mrs. Kalich received a bachelor of arts degree in speech communication from Penn State and a master of arts degree in counseling/student personnel from Michigan State University.

A recipient of the campus Leadership Award in 1980 and 1990, she is a member of the Council for Advancement and Support of Education (CASE) and the College and University Public Relations Association of Pennsylvania (CUPRAP).

In her capacity as regional director, Mrs. Kalich is responsible for coordinating, supervising and providing leadership for development and university relations programs at the McKeesport, New Kensington and Beaver campuses in the Greater Pittsburgh area.

Forest B. Wortham, career counselor in Career Development and Placement Services since 1982, has been appointed coordinator of off-campus living.

He is responsible for orienting new students to off-campus living, is a liaison between the students and off-campus community and coordinates the annual housing fair. In addition, he works with apartment owners and managers to ensure quality off-campus living for students.

Prior to coming to Penn State, Mr. Wortham worked as an international student adviser and as an intake coordinator and counselor at Wayne State University in Michigan, Guadalupe Boys Home in California, and the Barstow House for Girls in Michigan.

He is a member of the American Society of Training and Development and the National Association of Student Personnel Administrators.

Mr. Wortham received a bachelor's degree in French from Schiller College in Paris, France, a master's degree in guidance and counseling from the University of Detroit and a certificate in school and community psychology from Wayne State University. He currently is completing requirements for a doctor of education degree in adult education from Penn State.



Frederick R. Eisele



Dorothy Ikach



Judith J. Kalich



Forest B. Wortham

Faculty/Staff Alerts

Reimbursement accounts deadline

The grace period for filing reimbursement requests for 1990 out-of-pocket expenses under the flexible benefits plan ends March 31. The three-month grace period gives participants an opportunity to claim funds they contributed in 1990 to either a health care or dependent care reimbursement account.

To be eligible for reimbursement the expense must have been incurred in calendar year 1990. An expense is considered incurred at the time the actual treatment, service or purchase takes place.

Any 1990 funds remaining in a participant's account after March 31 will be forfeited. Faculty and staff electing participation for 1991 have until March 31, 1992, to claim expenses incurred in 1991.

A health care reimbursement account provides tax savings on money spent for medical expenses not paid for by the participant's medical, dental and vision benefits. A dependent care reimbursement account provides tax savings on expenses paid for the care of an eligible dependent, allowing the participant (and spouse, if married) to work. Contributions to and

reimbursements from reimbursement accounts are not subject to federal income taxes. An additional savings of 7.65 percent of the amount contributed is realized if the participant's FICA salary is less than the social security maximum (\$51,300 in 1990).

In 1990 more than \$1.1 million in pre-tax deductions were contributed to the two reimbursement accounts at Penn State. An annual election period for flexible benefits is held each November for the following calendar year.

Bookshelf

Michael Moore, associate professor of education, is the editor of *Contemporary Issues in American Distance Education*.

The book, with chapters and introductions by **Peter Cookson**, associate professor of education; **Joe Donaldson**, associate professor of education; **Allan Quigley**, assistant professor of education; **Frances Dwyer**, professor of education, and **William Toombs**, professor emeritus of education, attempts to draw together an overall picture of the rapid growth and achievements in the field of American distance education and the problems and issues that confront it.

Private Giving to Penn State

General Motors donates \$500,000 to University

The General Motors Corp. and Foundation has announced a \$500,000 grant to the colleges of Engineering and Earth and Mineral Sciences, and to the Penn State Educational Partnership Program.

"I am honored to accept this grant on behalf of the University," President Thomas said. "Penn State and General Motors have had a long and mutually beneficial relationship, and this commitment is evidence these ties will continue to grow."

The grant will be distributed as follows:

- The College of Engineering will receive \$320,000. Of the total, \$400,000 will support scholarships for minority engineering students, and \$140,000 will be used to create a teaching innovation program designed to provide innovative curriculum offerings and to attract

quality candidates to faculty careers. The remaining \$140,000 will be used to upgrade electrical and mechanical engineering facilities and for academic and research activities.

- The College of Earth and Mineral Sciences will receive \$130,000. This amount includes \$50,000 for a Minority Development Fund aimed at attracting and retaining minority students. The remaining \$80,000 will help to build and equip a \$1.5 million laboratory for the development of advanced materials techniques, such as the vapor deposition of microscopically thin ceramic coatings and the formation of thin-film polymers.

- The Penn State Educational Partnership Program will receive \$50,000. Through the program, the University works with school districts to encourage disadvantaged students in grades six to 12 to stay in school and go on to college.

Two programs are in place — in the McKeesport and Reading school systems — and four more are planned.

"General Motors is proud to support these outstanding programs," Jan E. Tannehill, general manager of GM's AC Rochester Division in Flint, Mich., said.

"We will continue to build on the excellent relationships that exist between our organizations."

Mr. Tannehill, who was instrumental in securing the grant, said General Motors employs more than 350 Penn State alumni worldwide.

Rockefeller Foundation funds researcher

A University researcher has received a \$49,000 grant from the Rockefeller Foundation to support his study of the effects of foreign DNA on the agronomic traits of rice.

Wolfgang Schuh, assistant professor of plant pathology in the College of Agriculture, said the project's goal is to see if foreign genes trigger undesirable changes in the plants' normal characteristics, such as height, days to

maturity, and leaf length.

"The project is part of a larger program aimed at developing virus-resistant strains of rice that produce well and have traits that farmers desire," he said. "Because viruses are really foreign invaders and cause harm by parasitizing the host organisms, the identification of virus-resistant strains of rice has tremendous implications for food production in developing countries."

Addition to Palmer Museum of Art receives funds

Lobby gets \$150,000

Katherine W. Christoffers of State College has pledged \$150,000 for the construction of a two-story lobby as part of the new addition to the Palmer Museum of Art. The dramatic lobby will create a new focal point for the museum and also will serve as a gathering place for University and community functions.

Mrs. Christoffers' pledge is given as a memorial to her husband, the late William F. Christoffers, vice president emeritus for fiscal affairs. Mr. Christoffers retired from the University

in 1976 after serving on the staff for 27 years.

"I think this is a very exciting time for the museum," Mrs. Christoffers said. "Things are changing. There is a lot of excitement there."

Mrs. Christoffers has been involved in the Friends of the Palmer Museum of Art since the group was formed in the early 1970s. She served as third president of the volunteer support group and has remained active in the years since. She will serve on the newly created museum advisory board during 1991.

In addition to being long-time

supporters of the museum, the Christoffers have been supporters of the university professional theater at the University. Mr. Christoffers served as chair of the Festival Theatre Company Committee in 1984, and they both have served on the board of trustees of the theater.

In 1982 the Christoffers established a scholarship for outstanding football players at the University.

Mrs. Christoffers is a graduate of Connecticut College. She has been active in community affairs in State College and now divides her time

between this community and a home in Florida.

Mr. Christoffers was a 1943 graduate of Penn State with a degree in finance. He served as chairman of the State College Board of Central Counties Bank, secretary of the board of directors of C-Cor Electronics Inc. and on the executive committee of the Centre County United Way.

Mrs. Christoffers' gift is part of the \$5.3 million already raised toward the \$5.6-million addition to the museum. Groundbreaking is scheduled for March, with a projected opening in early winter 1993.

American art to have largest gallery

Jean and Alvin Snowiss of Lock Haven have given \$350,000 for the construction of a gallery devoted to American art in the new addition to the Palmer Museum of Art.

Named in memory of Mr. Snowiss' parents, the Benjamin and Lillian Snowiss Gallery of American Art will be the largest of nine galleries in the \$5.6-million addition.

"We look upon the museum as enriching not only the lives of Penn State students, but also the lives of all Central Pennsylvania residents," Mr. Snowiss said, explaining the gift.

"We both feel that there is nothing more American than Central Pennsylvania and Penn State. It's appropriate that this museum stress American art."

The Snowisses, who are collectors of American art, both serve on the Palmer

Museum advisory committee. Mr. Snowiss also serves on the advisory committee for the Center Gallery at Bucknell University. He is an attorney in the Lock Haven firm of Snowiss, Steinberg and Faulkner.

Benjamin and Lillian Snowiss, both from long-time Central Pennsylvania families, were active members of the Lock Haven community until their deaths in 1966 and 1989, respectively. Mr. Snowiss perfected a process for using fur in the weaving of fine textiles. He manufactured the fur for shuttles at his Lock Haven company, B. Snowiss Fur Co., which was the largest manufacturer of fur for shuttles in the world.

The Snowiss' gift is part of the \$5.3 million already raised toward the museum's addition.

Contemporary art gallery planned

Geraldine and David Pincus of Wynnewood have contributed \$250,000 to the construction of a gallery devoted to contemporary art in the new addition to the Palmer Museum of Art at University Park.

The third largest exhibition space in the addition, the gallery will feature works in the museum's permanent collection by contemporary artists, such as Alexander Calder, Willem DeKooning, Richard Diebenkorn and Philip Pearlstein.

"Great art needs to be seen by young people, so they can learn from it," Mr. Pincus said concerning their decision to fund the gallery. "Penn State has the yearnings to be in the world of contemporary art."

The Pincuses are major collectors of contemporary art and have been collecting since the early 1950s. Mr. Pincus is the CEO and chairman of Pincus Brothers, a firm in the tailored men's clothing business for more than 80 years.

A 1948 graduate of Penn State, Mr. Pincus has many interests, ranging from the homeless in Philadelphia to Third World poverty to the Philippines and has spent a great deal of time in such countries as Ethiopia and Mozambique.

He is on the board of the Philadelphia Museum of Art and is involved in many other charitable situations.

The Pincuses' gift is part of the \$5.3 million raised to date for the addition, which will double the size of the museum.

Promotions

Staff Exempt

Jeffrey Bigler-Johnson, to financial aide coordinator in Academic Services.
Charles Cary, to janitor foreman at Wilkes-Barre Campus.
Catherine A. Hanson, to University Hospital facility coordinator at Hershey.
Dorothy Kach, to public information and media relations specialist at McKeesport Campus.
Tina R. Jenkins, to assistant coordinator, radiology technology at Hershey.
Stephen G. Newburg, to janitorial foreman in Office of Physical Plant.
Sharon A. Pishak, to senior research aide in Eberly College of Science.
Diane E. Shoop, to Harrisburg office coordinator at Penn State Harrisburg.
Gale J. Siegel, to assistant director of academic affairs at Gettysburg Campus.

Staff Non-Exempt

Keith R. Diehl, to assistant publications director in Office of Business Services.

Bonnie G. Felzer, to senior records clerk in Health and Human Development.
Michael J. Madar, to computer tomograph radiation technician at Hershey.
John R. Mantione, to research technician at Hershey.
Dennis J. Schenck, to senior research technologist at Penn State Erie, The Behrend College.

Clerical

Jo Anne Archery, to clerk A at Altoona Campus.
Marisa L. Aurand, to secretary B at Hershey.
Elizabeth M. Bowman, to senior clerk at Hershey.
Lindsey M. Estright, to secretary B in Applied Research Lab.
Judith A. Hand, to secretary B at DuBois Campus.
Karen R. Hepler, to accounting clerk in Research and Graduate School.
Colleen A. Hetrick, to senior clerk at

Penn State Erie, The Behrend College.
John R. Long, to patient inquiry clerk at Hershey.
Monalisa E. Shaw, to accounting clerk in Intercollegiate Athletics.
Debra L. Swauger, to senior clerk at Hershey.
Suzanne K. Worth, to correspondence secretary B in Student Services.

Technical Service

Harold E. Beers, to preventative maintenance worker in Office of Physical Plant.
William A. Decker, to preventative maintenance worker in Office of Physical Plant.
Jeffrey Fetterhoff, to maintenance worker, utility at Penn State Harrisburg.
Henry A. Geyer, to mixer, bakery in Housing and Food Services.
James E. Graves, to electronic technician, computer system in Office of Physical Plant.

Sheran A. Heagy, to central processing aide at Hershey.
Brian C. Hostetter, to maintenance worker, general B at Hershey.
Patricia Hutchings, to dining hall worker A in Housing and Food Services.
James E. Lewis, to maintenance worker, general A at New Kensington.
Harrison E. Rodkey, to carpenter/roofer at Penn State Harrisburg.
Richard A. Rougeux, to equipment operator, waste sludge in Office of Physical Plant.
Dean R. Shirk, to maintenance worker, general B in Office of Physical Plant.
Ronald E. Shirk, to preventative maintenance worker in Office of Physical Plant.
James I. Stem, to maintenance worker, general B in Office of Physical Plant.
William Weaver, to special relief utility operator in Agriculture.
Jerry E. Winn, to special relief utility operator in Agriculture.

Penn Staters

William J. Kraemer, associate professor of applied physiology, gave a keynote address titled "Anabolic Hormones, Sports Medicine and Behavior" at the 21st Congress of the International Society of Psychoneuroendocrinology in Buffalo, N.Y.

Barbara Shannon, distinguished professor of nutrition, is President-elect of the Society of Nutrition Education.

Paul D. Simkins, professor of geography, was one of two recipients of the Pennsylvania Geographical Society's Distinguished Teacher Award.

Edward V. Williams, associate dean for research and graduate studies in the College of Arts and Architecture, has received a Grant for Independent Short-term Research from IREX for work this summer in the collections of the Glinka State Central Museum of Music Culture in Moscow.

Barbara Wisch, assistant professor of art history, presented a paper titled "Confratelli or Cardinal-Protector: Who Selected the Artists to Decorate the Oratory of the Gonalfeone in Rome?" at the annual meeting of the Art Historians of Canada at the University of Montreal.

Wilbur Zelinsky, professor emeritus of geography, and **Ronald Abler**, executive director of the Association of American Geographers and professor of geography, were two of six recipients of the Pennsylvania Geographical Society's Distinguished Scholar Award.

Jack Hayya, professor of management science, has been named a Fellow of the Decision Sciences Institute.

Edwin L. Herr, distinguished professor of education and head, Department of Counselor Education, Counseling Psychology and Rehabilitation Services Education, has received the Visiting Scholar Award of the University Council of Vocational Education.

Iam-Choon Khoo, professor of electrical engineering, presented an invited plenary talk, "Temporal Dependences of Laser Induced Optical Nonlinearities in Liquid Crystal Mesophases," at the third International Topical Meeting on Optics of Liquid Crystals, in Cetraro, Italy, and gave an invited paper, "Polarization Switching and Beam Amplification in Birefringent Nonlinear Media" at the '90 International Conference on Lasers in San Diego.

Sridhar Komarneni, professor of clay mineralogy, presented an invited lecture on "Hydrothermal Processing of Fine Powders" at Kochi University and another on "Nanocomposite Sol-Gel Processing" at Okayama University in Japan.

Samuel H. Levine, professor of nuclear engineering, has been named a Fellow of the American Nuclear Society. He also presented an invited paper at the Nuclear Society of Israel annual meeting in Israel.

Patricia J. McLaughlin, senior research

associate in the Department of Anatomy at the Hershey Medical Center, presented an address titled "Opioids, Receptors, and the Ontogeny and Dysgenesis of the Mammalian Brain" at the 17th International Congress of C.I.N.P. in Tokyo, Japan. She also presented an address titled "Naltrexone, Brain Growth, and Clinical Implications" at the International Symposium of Neurobiology of Infantile Autism in Tokyo.

John Pazur, professor of biochemistry, presented a paper on new research findings on gum arabic antibodies at the 15th International Symposium on Carbohydrate Chemistry in Yokohama, Japan.

Allan Quigley, assistant professor of education, has been appointed by the Executive Committee of the American Association for Adult and Continuing Education to participate in a select Ad Hoc Advisory Committee to identify critical issues in the field of adult education and to develop and disseminate position papers internationally.

Della M. Roy, professor of materials science in the Materials Research Laboratory and Department of Materials Science and Engineering, has been elected to the Board of Trustees of the American Ceramic Society.

Jack C. Shannon, professor of plant physiology, presented a paper, "The Activity of Enzymes Responsible for the

Interconversion of F-6-P and F-1,6-P₂ in Normal and Mutant *Maize* Endosperm," at the Archdiopsis-Rice-Starch-Amylase Conference at Nagoya University, Japan.

John Salvia, professor of special education, has been selected to serve on an appellate panel of three review officers, as provided in State Board of Education Regulations for Special Education Services and Programs.

Joseph E. Schall, an instructor in English and writing tutor in the College of Earth and Mineral Sciences, has received the prestigious Elmer Holmes Bobst Award in Arts and Letters from New York University for his collection of nine short stories titled "Intentions" and Other Short Stories.

H. Paul Shuch, professor of electronics at Pennsylvania College of Technology, has received the 1990 Doctoral Thesis Prize from the Fannie and John Hertz Foundation for his predictive model of general aviation midair collision risk.

Ceramic artist **Chris Staley**, assistant professor in the School of Visual Arts, had a one-man exhibition of his work at the Garth Clark Gallery in New York City.

Andrew Stephenson, professor of biology, has been named a distinguished lecturer at the Carol von Linnaeus Institute for Systematic Botany at the University of Uppsala, Sweden.

Focus on

Intercom
February 28, 1991

Research

Desert clothing Military personnel in hot weather battledress can function in heat to 102°F

University researchers have found that most military personnel wearing a standard hot weather battledress uniform coat and trousers are safe in temperatures up to 102°F Fahrenheit, provided the humidity is very low, as it is in the desert.

A recently completed eight-month study focused on the restrictions that military clothing places on a person's ability to walk in a hot environment, while maintaining acceptable heart rates and body temperatures.

"Companies like W.L. Gore and Associates Inc. are designing clothing fabrics that keep out dust, chemicals and other substances, yet allow the evaporation of some sweat to keep body temperature and heart rate lower," W. Larry Kenney, associate professor of applied physiology and the study's supervisor, said.

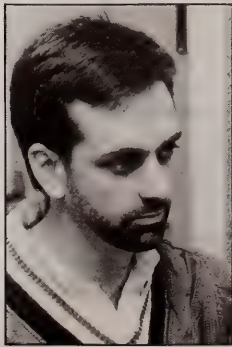
Study results are important to military officials, because personnel in Operation Desert Storm face a variety of weather and temperatures. Military personnel need outerwear that can protect them from the elements and allow them to function efficiently. This depends on the wearer's ability to maintain acceptable body temperatures and heart rates, he explained.

Usually, the first step in the testing process is putting the military uniforms on hot plates and on sweating copper mannequins to measure sweat evaporation and heat flow through the fabrics.

At the University, the researchers tested the garments on live participants. Five men and one woman participated in the tests at the Noll Laboratory for Human Performance Research.

"We put the uniforms on people who then walked on treadmills in a heat chamber with separate conditions that resembled a dry, desert area and a warm to hot jungle with high humidity," Dr. Kenney said. The bulk of the testing was done by Denise Mikita and John Yankovich, graduate students in physiology.

Two tests were conducted in each simulated weather condition, he said. In the "critical temperature" test, people clothed in the military garb walked on the treadmill for one-half hour. After that point, the temperature was increased by 2°F every five minutes, but the humidity was kept low. Subjects continued to walk for up to two hours.



W. Larry Kenney



Photo: Greg Glesco

John Yankovich puts the military's desert battledress to the test.

"As participants walked, it got hotter. We were monitoring their body temperatures and heart rate responses while looking for the point at which they could no longer maintain their body temperature," he added.

During the "critical vapor pressure test," the temperature was kept constant, and the vapor pressure was systematically increased until the point where participants could no longer maintain their body temperature, he said.

The researchers determined that a standard hot weather battledress uniform is safe to the wearer at temperatures up to 102°F and low humidity.

Adding an impermeable wet weather parka and trousers, currently being used by the military in Operation Desert Storm, lowers the safe critical air temperature to 84°.

A Gore-Tex lightweight compactible rainsuit, which can be folded to carry in a backpack, is safe in temperatures up to 94°, making it a favorable alternative to plastic rainwear, he said.

The study results are important to the military, because participants wore standard military garb. The results will help the military match the clothing ensemble to the environment and exercise conditions, Dr. Kenney said.

—Kimberley Yarnell

Students participate in extern programs with alumni

While many college students go south for spring break, some at the University are exploring the world of work, with a little help from University alumni.

"Extern programs are becoming a popular way college students nearing graduation can work alongside professionals for a few days to explore career opportunities,"

Catherine A. Simmons, assistant director for programming in Career Development and Placement Services, said.

"Our extern program not only gives students a chance to observe alumni professionals in a particular field, but also gives sponsors a chance to stay in touch with their college."

The University's program now has 65 sponsoring sites in Pennsylvania and the Northeast and is coordinated by Career Development and Placement Services with co-sponsorship by the Alumni Association and the colleges of the Liberal Arts, Arts and Architecture, Health and Human Development and the School of Communications.

Students apply through Career Services

to work with alumni in a range of professional settings from advertising and marketing, public relations, television production, museum arts management to social services, government, law firms and banking.

"Many alumni like to be extern sponsors, because it's a non-monetary way to give back to the University and a direct way to

contribute to a student's learning," Ms. Simmons said. "Some also find externships are an effective recruiting tool - several Penn State externs have received internships or full-time jobs as a result of the program," she added.

The program matches student interests to sponsors and provides students with background information about the site they

will visit. Sponsors receive information about their roles and responsibilities and the visiting student. Evaluations from both students and sponsors have been positive.

"The University is now in the process of expanding its volunteer alumni data base to increase alumni participation in particular career fields and to expand the geographic choice for students," Ms. Simmons added.

Center sponsors marital enrichment seminar

The Individual and Family Consultation Center will sponsor a weekend seminar on marital enrichment called "Relationship Enhancement," from 9 a.m. to 5 p.m. on March 16 and 17 in Room 101 Henderson Building East at University Park.

The seminar is designed to help couples build a more supportive and satisfying relationship, based on the ability to successfully deal with issues that arise from personal differences in values, needs, and opinions. Issues to be addressed include

disciplining children, spending money, communicating effectively, expressing affection and sexual needs, dividing household responsibilities, and coping with dual career issues.

Participants will learn relationship strategies and skills to help support a spouse while he or she is coping with problems at work, in the family, or with undesirable habits.

Anyone involved in a committed relationship is welcome to attend, and

couples are encouraged to come together. Satisfaction for the seminar is guaranteed. Those who feel they have not benefited can receive a prompt refund. The cost for the weekend is \$125 for an individual and \$200 for a couple.

For further information or to enroll, contact Joanne Kemper at (814) 865-1971 in the Individual and Family Consultation Center.

Staff Vacancies

The following vacancies for positions classified as staff (except on staff) are not exempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. APPLY BY CALLING THE EMPLOYMENT DIVISION, 865-0304 (NETWORK LINE 433-0304). Applications for these staff vacancies will be accepted until March 6. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment practices (PSS-1) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

■01309, Financial Officer, Corporate Controller, Berks Campus - Responsible to the director of finance, CES, and the

campus executive officer for maintenance and control of current general fund, restricted fund budgets and the interpretation and enforcement of budget policies and procedures. Coordinate financial and accounting matters with professional and clerical staff in assigned areas. Maintain liaison between Corporate Controller's Office and assigned area on all accounting matters. Requires bachelor's degree, or equivalent, in accounting with over two to four years of effective experience in accounting operations. STAFF GRADE 7.

■01310, College Health Nurse, Student Services, University Health Services, University Park Campus - Responsible to nurse manager for providing nursing services in the Observation Unit and Urgent Care Clinic and assisting licensed physicians in patient care. Requires graduation from an accredited nursing program and current licensure in the state of Pennsylvania as a registered nurse plus six to nine months

of effective experience. Past experience in an emergency room setting or an acute ambulatory care clinic is desirable. Proficiency in IV administration and physical assessment also is highly desirable. THIS IS A FULL-TIME, 10-MONTH NIGHT-SHIFT POSITION. STAFF GRADE 4.

■01311, Marketing Manager, CES, CE - Management Development Programs, Lancaster Center - Responsible to the director, Management Development Programs, for the development and implementation of sales and marketing efforts to maximize the use of Management Development Programs in the assigned territory. Requires bachelor's degree, or equivalent in marketing or related field and two to four years of effective experience preferably in marketing and selling educational programs. Frequent travel required. THIS IS A FIXED-TERM POSITION FUNDED FOR ONE YEAR

FROM DATE OF APPOINTMENT. STAFF GRADE 7.

■01312, Business Manager, University Park Campus, Center for the Performing Arts, University Park Campus - Responsible to the director, Center for the Performing Arts, and the financial officer of the College of Arts and Architecture for the financial management of both the Center for the Performing Arts and Pennsylvania Center Stage. Requires bachelor's degree, or equivalent, in business/accounting, plus two to three years effective experience in a position of comparable administrative and financial responsibility. MA or MBA degree preferred. STAFF GRADE 7.

■01313, Program Assistant, Office for Undergraduate Education, Instructional Development Program, University Park Campus - Responsible to the director, Instructional Development Program, to develop and coordinate instructional development

seminars and programs for teaching assistants. Provide consultation to departments interested in developing training programs. Requires master's degree, or equivalent, with some understanding of pedagogy. Prior college teaching experience as a teaching assistant is preferred. STAFF GRADE 6.

■01314, Research Coordinator, Development and University Relations, Development Research, University Park Campus - Responsible to the research manager for the coordination and implementation of prospect research programs supporting fund-raising activities. Requires bachelor's degree, or equivalent, preferably in humanities or library science with one to two years of effective experience in research activities. THIS IS A FIXED-TERM POSITION FUNDED THROUGH JUNE 30, 1991, WITH GOOD POSSIBILITY OF RE-FUNDING. STAFF GRADE 5.

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INTERCOM

March 14, 1991

Volume 20, Number 24

Nobel laureate will give Marker lectures

Nobel laureate and University alumnus Paul Berg, Willson professor of biochemistry at Stanford University School of Medicine and director of the Beckman Center for Molecular and Genetic Medicine, will give the 1991 Russell Marker Lectures in Genetic Engineering, March 18 to 21 at University Park.

The four-lecture series, titled "Reverse Genetics: Molecular Studies of Gene Function," is sponsored by the Eberly College of Science and is free to the public.

The schedule is: "Genes and Disease," 7 p.m. Monday, March 18, 112 Chambers Building; "Targeting Modifications to Specific Mammalian Loci by Recombination," 1:30 p.m. Tuesday, March 19, 112 Buckhout Laboratory; "Nuclear Oncogene Analogues in Yeast," 1:30 p.m. Wednesday, March 20, S-5 Osmond Laboratory; and "How HIV-1 Infection May Paralyze the Immune Response," 1:30 p.m. Thursday, March 21, 112 Buckhout.

Dr. Berg, one of the principal pioneers in "gene splicing," and his colleagues Walter Gilbert and Frederick Sanger were honored with the 1980 Nobel Prize in Chemistry for developing methods that make it possible to map the structure and function of DNA.

Work on the genetic apparatus that directs the synthesis of proteins earned Dr. Berg the Eli Lilly Award in Biochemistry in 1959 and the California Scientist of the Year Award in 1963. He also has won the American Association for the Advancement

See 'Nobel' on page 3.

Faculty, staff campaign gifts to 'work harder'

Contributors to the 1990-91 Faculty and Staff Campaign will have more than the usual number of reasons to declare themselves "Penn State Proud," according to Ken Blythe, this year's chairman.

"Our gifts will have to work harder than ever before in the wake of recent budget cuts," said Mr. Blythe, who also is director



Ken Blythe

Faculty and Staff Giving *

Year	Faculty/ Staff**	Number Benefactors	% Partic.	\$'s Received	% Change Donors	% \$'s
84-85	12,293	2,444	20	\$ 349,809	N/A	N/A
85-86	13,100	2,861	22	491,597	17.1	40.6
86-87	16,168	3,019	19	874,818	5.5	80.0
87-88	18,246	3,354	18	1,600,360	11.1	82.9
88-89	17,414	3,121	18	1,000,095	(6.9)	(7.5)
89-90	18,887	3,377	18	885,916	8.2	(11.4)

*Active and retired, all locations

**Total solicited

Source: Penn State Office of Annual Giving

of the University's Management Services office.

"In one way or another, we dedicate ourselves to the ideals of higher education every day. Many of us take that dedication a step further and make a personal financial commitment."

Last year, he said, 3,300 faculty and staff members -- an increase of 8.2 percent over 1988-89 -- gave nearly \$900,000 to the colleges, campuses, departments or special projects, the University Libraries, scholarship funds or other areas of their choice.

The goal this year is to increase not only the total number of participants, but also the proportion of the total workforce --

currently about 18 percent -- that participates.

"The kind of support we get from faculty and staff members sets a tremendous example to alumni, friends and corporations who are asked to give to Penn State," he said. "They reason that, if a University receives significant financial help from its faculty and staff, it is the kind of place they want to help, too."

The campaign, held at the University since the early 1980s, is part of the new Annual Fund for Academic Excellence. In addition to the University Park Campus campaign, which runs until May, the University's other campuses and locations are scheduling similar efforts.

See 'Campaign' on page 3.

Special session on sexual harassment scheduled

President Thomas has invited members of the President's Administrative Policy Council, academic deans, campus executive officers and other administrators to attend a special session on the issue of sexual harassment at 11 a.m. Wednesday, March 20, in Keller Auditorium at University Park.

The session will kick off a three-day workshop focusing on addressing sexual harassment at the University.

Sexual harassment has been recognized as a problem on university campuses across the United States. Some surveys have reported that from 70 to 92 percent of women and up to 57 percent of men in the population have experienced at least one form of unwanted sexual attention and had reacted negatively to it.

Institutions also can incur substantial legal liability if problems of sexual harassment are not resolved quickly and fairly. One large midwestern university recently

paid fines and other costs of more than \$5 million as a result of a sexual harassment charge which had gone unresolved.

Stephen Anderson, a nationally recognized expert in this area, will conduct a training program at the University, under the sponsorship of the Affirmative Action Office and the Office of Human Resources.

Sexual harassment contact persons have been named in each academic and administrative unit, as well as for each campus location. This network is intended to provide prompt and knowledgeable access to a sexual harassment resource person.

The 85 individuals, located throughout the University, can help address sexual harassment concerns at the most immediate level. These contact persons will be attending sessions on March 20 and 21 to prepare them for their role in addressing problems which come to their attention

An additional 22 staff members will be attending another session lead by Mr. Anderson on March 22 to sharpen their skills as trainers on the issue of sexual harassment. These individuals will then be prepared to offer training programs, assisted by contact persons, throughout the University, upon request by individuals or units.

A new brochure defining sexual harassment and providing some examples of behavior which may constitute sexual harassment also has been developed. The brochure includes a listing of all contact persons and offers suggestions for those who may be experiencing problems.

Bonnie Ortiz, director of the Affirmative Action Office, will introduce the brochure March 15 at a meeting of the University Board of Trustees.

Focus on Diversity

Range of programs planned for Women's History Month

Women's History Month celebrations are taking place throughout the University during March. A wide range of programs has been arranged in honor of women.

Following is a list of campuses and events.

Allentown: Tuesday, March 19, Elizabeth Parr, Allentown/Bethlehem Birth and Midwifery Center, will discuss the history of midwives and the resurgence of the practice. Wednesday, March 27, film, "Emily Dickinson: A Certain Slant of Light," focusing on the poet's life. Both brown bag luncheon programs will be held at noon in the Academic Building.

Altoona: the art exhibit "A Woman's Journey" by San Francisco abstract painter Ethel Hersh is on display in McLanahan Gallery through March.

Penn State-Behrend: Tuesday, March 19, 8 p.m., Read Lecture Hall, Judy Goldsmith, former president, National Organization for Women, will discuss "Women in America: The Invisible History."

Great Valley: an exhibit of handmade American quilts by the Hearthside Quilters is on display through March; Tuesday, March 19, noon to 2 p.m., brown bag luncheon, Margot Badran, a Fellow at the Annenberg Institute, will discuss "Gender and War: A Look at Arab Women"; Friday,

March 22, 6 to 8 p.m., Penn State Internationale Dancers.

Hershey: Medical Center Library exhibit throughout March - "Nurturing, Tradition, Fostering Change," featuring artifacts used by early women physicians, by women in war and by women in nontraditional fields.

New Kensington: Thursday, March 14, 5:30 p.m., dinner program, "An Evening to Celebrate Women: A Tribute to Special Friends and Alumnae," featuring Lenore Cameron, director, Bureau of Women's Business Development, Pennsylvania Department of Commerce, and Marianne Cornetti, mezzo-soprano, Pittsburgh Opera.

Shenango: Friday, March 15, noon, Harriett L. Guido, mental health counselor, Associates in Mental Health, will speak on "Isues Women Face at Midlife". Cross-cultural photographic exhibit of more than 40 "women who have achieved" will be on display in the main administration building during March.

University Park: Penn State Bookstore on Campus has a display of more than 300 books written by and about women.

Thursday, March 14, 7:30 p.m., 101 Kern Building, Angharad Valdivia, assistant professor of communications, will speak on "Women in the Press in Revolutionary Nicaragua."

March 14, 8 p.m., Hetzel Union Building Gallery, Coppelia Kahn, professor of English, Brown University, will discuss "Warriors, Wounds and Women in Shakespeare's Roman Works."

Saturday, March 16, 9 a.m. to noon, 101 Kern, Jean Thiebaut, National Science Foundation visiting professor of meteorology from U.S. National Meteorological Center, will present a career workshop for undergraduate women in math, science and engineering.

Monday, March 18, 7 p.m., Paul Robeson Cultural Center, Michele Wallace, assistant professor of English and black studies, City College of New York, will discuss "Invisibility Blues: Black Feminism and Cultural Resistance."

Wednesday, March 20, 8 p.m., 101 Kern Building, E. Ann Kaplan, director, Humanities Institute, State University of New York, will discuss "Images of Sexuality in Recent Films and MTV."

Thursday, March 21, Chezia Thompson Gager, actress and poet, will read from her work "Jumping Rope on the Axis: A Collection of Poems, 1978-1988." Call 863-4025 for time and location.

Monday, March 25, 8 p.m., Hetzel Union Building Assembly Room, James T. Sears, University of South Carolina, will speak on "Growing Up Lesbian and Gay in

the U.S. South."

March 25, through April, Rare Books Room, Pattee Library, exhibit, "Women in the Middle Ages."

Tuesday, March 26, 8 p.m., Paul Robeson Cultural Center, Vinie Burrows will present a performance piece about women of color, "Daughters of the Sun," which will include Caribbean-American, Chicana-American, Native American and African-American women.

Wednesday, March 27, brown bag luncheon, noon, 120 Boucke Building, Wanda M. Davis, assistant director, Office of Conduct Standards, will present a video, photographs and memorabilia from her tour of three universities in Ghana, West Africa.

March 27, 7:30 p.m., HUB Assembly Room, Faith Ringgold, African-American mixed-media artist who creates painted quilts, will give a slide presentation and lecture titled "My Work, My Life."

Wilkes-Barre: Friday, March 15, noon, Commons Building, film, "Music Box," starring Jessica Lange; Tuesday, March 19, noon, Center for Technology, video, "Women, The New Immigrants," by Gloria Steinem; Thursday, March 21, noon, Center for Technology, panel discussion led by Phyllis Belk, director of marketing and university relations, on the Steinem video.

Program sponsors annual academic bowl

To celebrate African-American/Black-American achievements, six middle schools competed in the third annual Academic Bowl at the Penn State McKeesport Campus on Feb. 21. The games were sponsored by the Penn State Educational Partnership Program at McKeesport.

Each school was represented by five seventh and/or eighth grade students selected by the school's administration and/or faculty. The competition followed an elimination format, ultimately leading to a single winning team.

According to Darrell Thomas, PEPP director, the Bowl concept promotes teamwork, studying for retention, rewards for academic excellence, early intervention, and the importance of Black Americans' contributions to society.

"Additionally, I am very pleased that the

Middle School Academic Bowl has expanded to Harrisburg, sponsored by Penn State's Harrisburg Community Recruitment Center, and will soon be introduced in the Philadelphia area," Mr. Thomas said.

Mr. Thomas said he hopes to extend competition throughout Southwestern Pennsylvania. With the participation of the Aliquippa school district in the local contest this year, future plans are to include other Beaver Valley schools in a competition hosted by the Penn State Beaver Campus.

"Ultimately, I hope that the Academic Bowl develops into a statewide competition with a playoff system in which an Academic State Champion can be named." Prizes were furnished through Penn State McKeesport Equal Opportunity Program Committee grant funds. Each participant received a Penn State sweatshirt.

'Caribbean Experience' is scheduled

The Penn State Caribbean Students Association will celebrate its 14th annual "Caribbean Experience" with an evening of dinner, dancing and entertainment beginning at 5:30 p.m. Saturday, March 23, in the Hetzel Union Building Ballroom at University Park.

The dinner will include a six-course menu from which patrons can choose Caribbean dishes such as jerk chicken, curry goat, peas and rice, and Creole soup.

The Mighty Chalkdust, winner of the Trinidad and Tobago Carnival Calypso Monarch competition, will perform a calypso medley, and Ian Briggs will give a

solo performance on the steel pan. Skits and folk songs will be performed by members of the Caribbean Students Association. Reggae, calypso and soca music will be provided for dancing until midnight.

Tickets are \$10 for adults and \$5 for children. Part of the proceeds will help establish an annual scholarship fund. Tickets are limited and patrons are urged to purchase them in advance. For more information and to order tickets, contact Caribbean Students Association president Althea Williams at 867-4185, or call the Paul Robeson Cultural Center at 865-3776.

Graduate fellowships are being offered

The University is offering graduate fellowships to Native American Indian students interested in training to be special educators.

The deadline for submitting applications is May 15 for fall semester 1991 and Nov. 15 for spring semester 1992. Participants in the program receive a monthly stipend of approximately \$650, remission of tuition, and textbook, dependency, and relocation allowances.

The American Indian Special Education Teacher Training Program, established in 1983 through a grant from the U.S. Department of Education, offers a specific

course of study geared toward Native American Indian students. The program is designed to prepare American Indians to effectively teach children identified as having mental or physical handicaps requiring special educational programs.

Anna Gajar, associate professor of special education, is director of the program which is affiliated with the University's nationally recognized Native American Program. Applications are now being accepted. For more information, contact Dr. Gajar, 226B Moore Building, University Park, Pa. 16802, or call the program office at (814) 863-2284.

Diversity Opportunities Calendar

Friday, March 15

The Latin American Association, 9 p.m. to 1 a.m., Ag Arena Mezzanine. Latin American Dance Party featuring music by "The Passports."

Monday, March 18

Black Caucus/Black Studies, 7 p.m., Paul Robeson Cultural Center, Michele Wallace, City College of New York, on "Invisibility Blues: Black Feminism and Cultural Resistance."

Wednesday, March 20

Center for Women Students, noon to 1 p.m., 120 Boucke Building. Brown bag lunch presentation titled "Women and Spirituality: Implications of a Male Deity" by Kay Washlow.

Women's Studies Program, 8 p.m., 101 Kern Building, E. Ann Kaplan, State University of New York, on "Images of Sexuality in Recent Films and MTV."

University Faculty Senate report details salary gap

The gap between average salaries for male and female faculty members continues to widen, even as a greater percentage of the salary disparity can be "explained," according to a report presented at the Feb. 19 meeting of the University Faculty Senate.

At University Park, the average salary for male faculty members is \$49,505, compared with the average of \$33,475 for female faculty members. The difference, 47.9 percent as of fall 1989, has increased since a similar study was done in fall 1983. Then, the disparity in the average female salary was 40.1 percent.

All but 2.2 percent of the disparity can be explained by the distribution of males and females across ranks and departments; the distribution of department heads, Evan Pugh professors, endowed chairs and faculty initially appointed at the professor rank; the distribution of tenure, years of service and years in rank, among other factors.

Presented by the Senate Committee on Faculty Affairs, the report documents differences in faculty salaries based on gender, location and minority status. It continues earlier analyses, as well as expands into new areas. The Office of Planning and Analysis prepared the report.

President Thomas said he is committed to examining issues affecting salaries. He discussed the importance of looking at the differences that cannot or have not been explained and then working either to explain or eliminate some of them.

He also questioned the extent to which market forces should affect salaries, noting that further study is needed of the criteria and qualities other than market forces that are considered in salary decisions.

The committee's report also looked at average salaries for minority faculty members at University Park, the Commonwealth Campuses, Penn State Erie, The Behrend College, Penn State Harrisburg, Great Valley and Hershey

Medical Center. The average minority salary of \$42,383 was 2.33 percent higher than the average non-minority salary of \$41,395.

In addition, the report looked at salary differences between University Park and Commonwealth Campuses and found a gap of \$14,498, or 45.7 percent. Most of the disparity, 79.3 percent, can be explained by rank.

In other action:

The Committee on Academic and Physical Planning reported on patterns of usage of general purpose classrooms at University Park.

Since fall 1961, when there were 236 classrooms designated as "general purpose," the number of such classrooms has increased 12.3 percent to 265, while enrollment has grown 123 percent (from 17,407 to 38,799).

The completion of the Agricultural Sciences and Industries Building with its four classrooms and the new classroom/

office building (to be ready in 1992) with its 28 classrooms (four large and 24 small rooms) will help ease the squeeze on classroom space. However, these buildings will account for a net gain of only 15 classrooms, since classroom space in other buildings will be adapted for other uses.

The Senate approved legislation changing the signatures required for late adding of courses, which will be sent to the President's Office for consideration. Current policy requires the signatures of the course instructor and the dean of the college in which the student is enrolled or the director of the Division of Undergraduate Studies to add a course after the 10th calendar day of the semester.

The legislation would eliminate the dean and/or director's signature and require the student to get a signature from an adviser instead.

The Committee on Libraries invited Nancy M. Cline, dean of University Libraries, to report on the libraries.

GENDER DIFFERENCES IN FACULTY SALARIES FALL 1989

	University Park	CWC	Behrend	Capital	Hershey
Average Male Salary	\$49,505	\$32,875	\$40,575	\$41,621	\$48,511
Average Female Salary	\$33,475	\$29,675	\$31,093	\$35,781	\$38,187
Overall Gender Difference	\$16,030	\$4,200	\$9,482	\$5,840	\$10,324
..... "Explained" Gender Difference					
Distribution across Ranks	\$ 9,048	\$1,155	\$2,986	\$1,423	(\$1,732)
	56.4%	27.5%	31.5%	24.4%	-16.8%
Distribution across higher salary departments	\$4,829	\$2,096	\$3,202	\$3,701	\$5,619
	30.1%	49.9%	33.8%	63.4%	54.4%
Distribution of department heads, Evan Pugh Professors, endowed chairs, and faculty initially appointed as full Professors	\$1,449	\$0	\$1,144	(\$216)	\$5,015
	9.0%	0.0%	12.1%	-3.7%	48.6%
Distribution of tenure, years of service, years in rank, etc.	\$353	\$519	(\$858)	\$1,413	\$5,461
	2.2%	12.4%	-9.0%	24.2%	53.0%
Total "Explained"	\$15,679	\$3,770	\$6,474	\$6,321	\$14,363
	97.8%	89.8%	68.3%	108.2%	139.1%
"Unexplained" Gender difference	\$351	\$430	\$3,008	(\$481)	(\$4,039)
	2.2%	10.2%	31.7%	-8.2%	-39.1%

Faculty Senate News

The University Faculty Senate will meet at 1:30 p.m. Tuesday, March 19, in 112 Kern Graduate Building at University Park.

Items to be discussed at the meeting:

- Proposed Changes in Senate Policy 67-00
- Women's Intercollegiate Athletics
- Clarification of the Three-Credit Writing-Intensive Requirement
- Affirmative Action Report: Center for Minority Graduate Opportunities and Faculty Development, Affirmative Action Office Report
- Ombudsman: The Concept of Ombudsman at Penn State
- Grade Distribution Report
- Report of the Special University Faculty Senate Committee to Review President Thomas' Proposed Amendment to the University's Non-Discrimination Policy
- Roster of Senators for 1991-92

- Senate Council Nominating Committee Report
- Committees and Rules Nominating Committee Report
- Revision to the Senate Constitution, Bylaws and Standing Rules
- Change in Constitution, Article II, Section 5

Items discussed Feb. 19:

- Patterns of Usage of General Purpose Classrooms at University Park
- Status of Construction Programs
- Late Adding of Courses
- Revision to the Senate Constitution, Bylaws, and Standing Rules
- Change in Constitution, Article II, Section 5
- Guidelines for Submitting Writing-Intensive Course Proposals
- Faculty Salaries - Analysis of Gender, Location and Minority Status Differences in Salaries
- State of the Libraries

Campaign

Continued from page 1.

Solicitation materials will be mailed to University Park faculty and staff on March 18. In order to save money and cut waste, Mr. Blythe said that the minimum amount of material was included in the packet.

"We know first-hand of the greatest needs. It's important to realize that we have the freedom to help to meet those needs through this effort. And, it's painless to give through a payroll deduction.

"We must, as President Thomas has said, do everything possible to protect the quality and integrity of Penn State's academic programs. Now, more than ever, we each need to consider our financial commitment to the University that gives so much to us," Mr. Blythe said.

Carpoolers

An employee is looking for a fourth person to join her carpool from Philipsburg to University Park. Work hours are 8 a.m. to 5 p.m. Call Valerie at 865-2165.

Tim is looking for two riders to join his vanpool from Philipsburg to University Park. Work hours are 8 a.m. to 5 p.m. Call 865-6524 or 342-3827.

Robert would like to carpool from Newry/Duncansville area to Altoona Campus. Work hours are 8 a.m. to 6 p.m. Call (814) 695-5215.

Eric needs a ride from Bellwood to University Park. Work hours are 7:30 a.m. to 4:30 p.m. Call 865-3405.

Nobel

Continued from page 1.

of Science Scientific Freedom and Responsibility Award, the National Medal of Science, and the National Library of Medicine Medal.

He earned his bachelor's degree at Penn State in 1948 and his doctoral degree at Western Reserve University in 1952. In 1974, he was named a Penn State Distinguished Alumnus, and in 1976, he served as an Alumni Fellow.

In addition to the Marker Lectures, he also has delivered the University's Paul Althouse Memorial Lecture and the 1978 Priesley Lectures.

The Marker Lectures were established in 1964 through a gift from Russell Marker, professor emeritus of chemistry.



Paul Berg

Career development open house to showcase new center

The University's Career Development and Placement Services (CDPS) will hold an open house on the fourth floor of Boucke Building at University Park from 2 to 6 p.m. Thursday, March 21.

Featured will be the new Interview Training Center, which is a gift of the State of 1988.

"We want to use the open house to showcase the Center, which is now being used by students," Jack Rayman, director of Career Development and Placement Services, said.

According to Dr. Rayman, the Center was made possible through the 1988 Senior Class gift of \$10,000, and also was supported by a Placement Services grant of \$15,000 from the Prudential Corp.

He said that the Center, located in 410 Boucke Building, has been designed to provide a multimedia approach to career development and implementation.

Among its features are a personal computer for direct student use of the DISCOVER and SIGI PLUS computer-assisted guidance programs; video playback units; and a permanent studio in which mock interviews are conducted.

"The studio has become a very important part of our facilities," Dr. Rayman said. "In our mock interviews, seniors majoring in



Julie Matijko (left) and Louise Schaffer conduct a mock interview in the new Interview Training Center. (Photo: Greg Grieco)

industrial organizational psychology act as interviewers. The interviews are taped and students can then play back the tape and assess their performance. The process has been very productive."

In addition to the interview training center services, CDPS offers a wide range of career/life-planning assistance for all students and alumni, including career counseling, computerized guidance and

assessment, career-planning courses, outreach programming, a career information center, on-campus recruiting, a placement library, education career services, and alumni career services.

During 1989-90, for example, CDPS:

- Provided counseling services to more than 10,000 students.

- Delivered a record number of 370 outreach programs to more than 17,000 students.

- Served a total of 10,022 clients.

- In the on-campus recruiting program, 5,433 students registered for interviews with 1,150 organizations, resulting in 28,162 interviews.

As part of the March 21 open house, members of Career Development and Placement Services' Student Advisory Board will conduct tours of facilities in Boucke Building, as well as the Interview Center located on the ground floor of McAllister Building. CDPS staff also will be available to discuss the office's programs and services.

"Since we rely on faculty and staff members to refer students to us," Dr. Rayman said, "we're hoping that a large number of them will take advantage of the open house to examine our services and facilities."

Bookshelf

Introduction to Seismological Research: History and Development by Benjamin F. Howell Jr., professor emeritus of geophysics and associate dean emeritus of the Graduate School, has been published by Cambridge University Press.

The book is divided into four periods: a

mythological period previous to the Lisbon, Portugal, earthquake of 1755; an observational period from 1755 until the development of recording seismometers late in the 19th century; an instrumental period during which the Earth interior was explored by studies of recorded seismic waves; and a modern, computerized period that began with the development of the digital computer.

William C. Tierney, associate professor and senior research associate in the Center for the Study of Higher Education, is editor of *Culture and Ideology in Higher Education: Advancing A Critical Agenda*, published by Praeger Publishers, New York, N.Y.

Culture and Ideology in Higher Education is an invitation to rethink some of the most basic assumptions of higher education. The essays demonstrate that researches have

often concentrated on issues of effectiveness and efficiency in academe, rather than issues of social justice and democracy.

Within the framework of the book, a number of chapters deal with how those in power insert their ideas into academe. Other chapters uncover a politics of hope, and of possibility.

Appointments

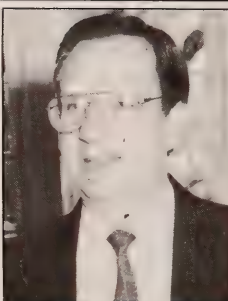
Dan Fitzgerald, Continuing Education area representative at the Penn State Ogonitz Campus, has been appointed assistant director of continuing education at the campus.

A graduate of Temple University, with a bachelor's degree in education and master's in social administration, Mr. Fitzgerald currently is pursuing work on a doctorate at the same institution. Prior to joining the staff at Ogonitz, he served as director of careers/counseling at Holy Family College, Philadelphia.

Mr. Fitzgerald began his career at Ogonitz in 1976 as a part-time Continuing Education vocational counselor and was promoted to area representative in 1983. In 1988 he received the Philadelphia Regional Award for managing the largest C.E. credit course account, and in 1989 was named Outstanding Area Representative.

Active in community affairs, he served as Ogonitz 1990 United Way campaign chair, and devotes many hours to volunteer work with local school and athletic associations.

Gerald I. Sussman, holder of the Robert and



Dan Fitzgerald

Judith Klein professorship in management, has been appointed to a four-year term as



Elizabeth Smith

chair of the Department of Management and Organization.

He succeeds Charles C. Snow, professor

of business administration, who is completing his second term as department chair.

Dr. Sussman is founder and director of the Center for the Management of Technological and Organizational Change, a research arm of the Smeal College of Business Administration.

Elizabeth Smith has been named librarian at Penn State Erie, The Behrend College.

She will be responsible for overall library administration, ensuring that the research and educational needs of Penn State Behrend faculty, staff and students are met.

A Ph.D. graduate of the University of South Florida, she holds two master's degrees - one in library science and one in zoology. She is a member of the American Library Association, the Association for Library and Information Science Education, the Polish Institute of Arts and Sciences of America and the Smithsonian National Association.

Dr. Smith formerly served as reference librarian at the University of South Florida in Tampa.

Vocational education center relocated at McKeesport

The Center for Special Vocational Education Services in Pennsylvania has been relocated at the Penn State McKeesport Campus. The Center previously was located at Indiana University of Pennsylvania.

The Center provides support services statewide to instructors, administrators and other personnel in vocational education who work with individuals with special needs.

The group's activities are funded through monies from the Carl D. Perkins

Vocational Education Act and are coordinated with the Pennsylvania Department of Education.

"We are pleased to have been selected as a Vocational Education Center to deliver the services funded by the grant," Cash J. Kowalski, campus executive officer, said. "This concept is in keeping with the Campus' strategic plans and commitment to extend our services to our community."

Eleanor Bicanich, project director, said the Center was initiated in 1980 to address the needs of students who are disabled,

academically and economically disadvantaged or who have limited-English proficiency. The Center trains instructors to meet the needs of these diverse special populations.

"The needs of our diverse population place increased demands on education and industry," Ms. Bicanich said. "We assist educators in vocational education as they train, assist and prepare individuals to become productive employees in the workplace."

These groups include 53 single parent/

displaced homemaker centers, 26 equity programs and 324 additional support programs for disabled and disadvantaged students conducted by area vocational technical schools, comprehensive schools and intermediate units throughout the Commonwealth.

"We are happy to be located at Penn State McKeesport and are excited about working with the campus to expand vocational education services and opportunities in this area," Ms. Bicanich said.

News in Brief

International Lecture Series

Leszek Skibiński, assistant professor, Institute of English, Adam Mickiewicz University, Poznań, Poland, will speak on "Cross-Cultural Considerations in English Language Instruction in Eastern Europe" from 2:30 to 4 p.m. today in the International Lounge, 222 Bouckee Building. His talk is part of the International Lecture Series.

Child care forum

The Returning Adult Student Center, in cooperation with the Graduate Student Association and the Office of Child Care Services and Programs, is sponsoring a forum on "Campus Child Care: Issues and Answers" at 7 tonight in 117 Henderson Building. Child care is available in 24 South Henderson.

Representatives from the Office of Child Care Services and Programs, the Centre County Child Development Council, the Pennsylvania Department of Public Welfare, student organizations, and other University offices will be present.

Panel discussion canceled

A panel discussion focusing on coping with war stress that was set for 9:15 to 11 a.m. Friday, March 15, in the HUB Fishbowl has been canceled.

Office move

The administrative offices and laboratories of the Energy and Fuels Research Center of the College of Earth and Mineral Sciences have moved to Research Building E and Academic Projects. The new address of the Center is 205 Research Building E. Telephone numbers will remain the same as those listed in the current Faculty/Staff directory.

'Pennsylvania Chronicle'

The political and human effects of the 1990 national census will be the topic of discussion on "Pennsylvania Chronicle," airing on PENNARAMA on Tuesdays and Fridays at 2 and 8 p.m./a.m.

Host Bill Welch discusses the ramifications of the latest national census with Gordon De Jong, an expert in

demographics with the Department of Sociology.

Computer conference

State-of-the-art computer technology will be featured at the Microcomputer Information Exchange Conference, educational tools exhibit and computer fair March 15 and 16 at University Park.

To register for sessions on desktop publishing, interactive video and creating animated instruction, call Donna Ricketts at 863-1743.

The free educational tools exhibit will be held both days in the Keller Conference Center lobby. The free computer fair also will run concurrently. It will be held at the Nittany Lion Inn Friday from 11 a.m. to 6 p.m. and Saturday from 9 a.m. to 3 p.m.

Penn College open house

"A World of Possibilities" is the theme of Pennsylvania College of Technology's Open House '91, set for noon to 4:30 p.m. Sunday, March 17, at the College's main campus in Williamsport, its Earth Science Center along Route 15 in Allenwood, and its Aviation Center, located at the Williamsport-Lycoming County Airport in Montoursville.

WPSU fund-raiser

WPSU, the University's public radio station, raised a record \$10,050 in a recent on-air fund-raising drive.

Pledges from listeners exceeded the station's goal of \$10,000. The money will be used for programming and new equipment purchases, and to supplement the station's operating budget, according to station manager David Drzikowski.

Gulf War lecture

Arthur Goldschmidt, professor of Middle East history, will discuss "The Gulf War: A Historic Look at the Future" at 7:30 p.m. Monday, March 18, in Room K-1, Kostos Classroom Building, at the Penn State Hazleton Campus.

Agricultural economy conference

The College of Agriculture will hold a conference on Pennsylvania's

Agricultural Economy: Trends, Issues and Prospects March 20 and 21 in the Keller Conference Center at University Park.

The conference will feature discussions on environmental issues related to agriculture, the effect of international trade agreements on the agricultural economy, food and health issues for consumers and other topics.

Beaver Campus lecture

Sandra Featherman, director, Center for Public Policy at Temple University, will present a lecture on "The History of Women and Body Image" at noon Wednesday, March 20, in the Library Seminar Room at the Penn State Beaver Campus.

Her lecture is part of the campus' ongoing 25th anniversary celebration.

Weight room orientation

The Recreational Sports Fitness Program is offering weight room orientations for faculty/staff at University Park who are interested in learning to use the weight rooms on campus. Each orientation session is scheduled one-on-one at the employee's convenience.

To receive a registration form or additional information, call the Recreational Sports Office at 865-5401.

Fulbright Informal Lecture

Kodangala Ramachandrarao, visiting Fulbright scholar and chairman, Department of Studies in Education, Karnatak University, Dharwad, India, will speak on "The Nature and Plight of Creativity" at 3:30 p.m. Thursday, March 21, in 222 Bouckee Building, University Park.

The lecture is part of the Fulbright Informal Lecture Series sponsored by the University Office of International Programs.

Faculty Technology Initiative

Faculty members are invited to submit proposals for teaching and learning technology projects for the spring 1991 cycle of the Faculty Technology Initiative Program sponsored by CREL Training and Learning Technologies

Group, a unit of the Center for Academic Computing.

Faculty members are encouraged to submit ideas for projects that focus on information technology integration into course materials, identification or development of software packages that support learning, or other technology projects that support teaching and learning.

For proposal packets, call 863-1654. The proposal deadline is March 25.

Max Kade visiting professor

The German Department is hosting Wulf Segebrecht from the Otto-Friedrich Universität Bamberg, Germany, as Distinguished Max Kade Visiting Professor for Spring Semester.

The visiting professorship is funded by the Max Kade Foundation, New York, and the College of the Liberal Arts.

Mozart lecture series

Cecilia Dunoyer, concert pianist, will present a series of three lectures titled "Discover Mozart" in conjunction with the "Mozart 200" concert celebration of the Center for the Performing Arts.

The lectures will be Wednesday evenings at the Keller Conference Center from 7 to 9 p.m. on March 27, April 10, and April 24. The cost per session is \$30.

For more information or to register, contact State College Area Office of Continuing Education, 102 Wagner Building (865-3443).

'Penn State Day in Harrisburg'

The third annual "Penn State Day in Harrisburg" is scheduled from 11 a.m. to 2 p.m. Friday, April 19.

Activities include an open house and tours of the Penn State Downtown Center, workshops for the returning adult student, and the "Penn State Fair."

Programs and departments are invited to have a display at the fair. There is no charge for display space. To participate in the fair, contact Nancy Kartik by Friday, March 29, at the Penn State Downtown Center, 234 N. Third St., Harrisburg, Pa. 17101, (717) 783-0433.

Focus on the arts

'Singing Lions'

The Singing Lions, a show choir specializing in 20th-century American pop music, will perform in concert at 12:10 p.m. today in the Eisenhower Auditorium at University Park. The 20-minute concert is part of the Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

Guest artist

Classical guitarist Christopher Parkening will be guest artist with the Scottish Chamber Orchestra at 8 p.m. Friday, March 15, in Eisenhower Auditorium at University Park.

The concert, presented by the Center for the Performing Arts, fuses the talents of Finnish conductor Jukka-Pekka Saraste and the Scottish Chamber Orchestra with a featured performance by this American virtuoso.

As part of Artistic Viewpoints, a free lecture series for the audience, Taylor Greer, assistant professor of music, will speak at 7 p.m. in the Eisenhower Greenroom immediately before the performance.

'The Sound of Music'

"The Sound of Music," a new production from the New York City-based Music Theatre Group Inc., will be presented at 3 and 8 p.m. Sunday, March 17, in Eisenhower Auditorium at University Park. The event is presented by the Center for the Performing Arts.

Starring Mary Martin in 1959, "The Sound of Music" won eight Tony Awards, including Best Musical. It then became one of Rogers and Hammerstein's most popular musicals, with Julie Andrews starring in the film version (1965).

For tickets, call the Eisenhower Auditorium Ticket Office at 863-0255.

Piano recital

Pianist Koya Ohmoto will present a free



Tito Puente's ensemble will perform at 8 p.m. March 27 in Eisenhower Auditorium.

concert at 8 p.m. Sunday, March 17, in the School of Music Recital Hall at University Park.

She will be assisted on the program by Katsuko Ochiai, piano; Lois Durran, violin; and Claudia Koide, cello. The Sylvan Trio, consisting of Ms. Ohmoto, Ms. Durran and Ms. Koide, also will perform.

The arts on Channel 3

WPSX-TV celebrates opera and opera greats on Sunday, March 17, beginning with *Placido: A Year in the Life* at 11:30 a.m. The program follows the famed Spanish tenor Placido Domingo as he sings in the major opera houses of the world.

Luciano Pavarotti's powerful presence never falters in *Distint Harmony: Pavarotti in China*, airing at 12:35 p.m. The concert offers a repertoire of Italian opera, as well as a candid view of Chinese culture.

At 2:30 p.m., Mr. Pavarotti returns in *Great Performances* "Pavarotti Returns to Naples" with a trip to Italy to paint a

portrait in song of the crowded seaside city on the slopes of Mt. Vesuvius.

Pavarotti World Cup, airing at 7:30 p.m., presents a rousing concert before the World Cup Soccer Championship. The opera finale features Carreras, Domingo and Pavarotti in *Concert* at 9:15 p.m. in a U.S. television premiere. The grand ruins of Rome's Baths of Caracalla are the setting for the events. Zubin Mehta conducts the orchestra as Jose Carreras, Mr. Domingo and Mr. Pavarotti perform in concert.

Brown bag luncheon

Thomas Smith, associate professor of English at the Penn State Schuylkill Campus, will discuss "Joseph Conrad's *Autobiography and Ritual Violence*," as part of the Comparative Literature brown bag luncheon series at 12:15 p.m. Monday, March 18, in Kern Building at University Park.

Those interested in attending the lecture only should arrive before 12:45 p.m. Coffee and tea will be provided.

'Art of Interpreting'

Margaret Conkey, associate professor of anthropology, University of California at Berkeley, will speak on "Paleovisions: Interpreting the Imagery of Ice-Age Europe" at 8 p.m. Tuesday, March 19, in 112 Walker Building at University Park.

The lecture is part of "The Art of Interpreting" series sponsored by the Department of Art History and the Institute for the Arts and Humanistic Studies.

Book-signing

Londa Schiebinger, assistant professor of history and women's studies, will be the featured author at the Penn State Bookstore on campus from noon to 2 p.m. and discuss her book *The Mind Has No Sex? Women in the Origins of Modern Science* (Harvard University Press, 1989).

The Mind Has No Sex? will be offered at a 20-percent discount during the book-signing session.

University Readers

The University Readers will hold auditions for this semester's performances on Wednesdays, March 20 and 27, at 1:25 p.m. in 201 Rackley Building and at 7:30 p.m. in 3 Borland Lab at University Park. On March 20th, auditions will be held for three children's stories to be performed April 11 and 13 at Schlow Memorial Library.

On March 27, auditions will cast three stories for performances in the HUB Gallery Lounge April 19 and 20.

Auditions, which will consist of readings from scripts provided by the directors for each performance, are open to students and local residents.

Odyssey on WPSU

On "Betraying the Novel," the next episode of "Odyssey Through Literature," Lillian Furst of the University of North Carolina at Chapel Hill and host Leonard Rubinstein discuss how one should read -- and teach -- a novel.

"Odyssey Through Literature" is produced by the Department of Comparative Literature in the audio-production studios of WPSX-TV. It airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Undergraduate art

A juried exhibit featuring the work of undergraduate students in the School of Visual Arts and at the Commonwealth Campuses will be on display from March 21 to 29 in Zoller Gallery at University Park.

James Gilroy and Gary Pelky, co-owners and directors of the Owen Patrick Gallery in Philadelphia, served as jurors for the exhibit. They selected 65 works, including paintings, drawings, ceramics, metals, sculptures, photographs, prints and graphic design.

An opening reception will be held from 2 to 4 p.m. Thursday, March 21.

See 'Arts' on page 8.

The arts at...

Ogontz Campus

The Penn State Ogontz Campus will host a showing of three-dimensional works by four featured Delaware Valley artists: Hugo Anderson, sculpture; Kris Parker, fibers; Betsy Miraglia, paper; and Annette Tannenbaum, mixed media, from March 15 through April 5.

Beaver Campus

The nationally recognized Central State University Chorus of Wilberforce, Ohio, will present a free concert at the Penn State

Beaver Campus at 7:30 p.m. Friday, March 15, in the gymnasium.

The concert is one in a series of Beaver Campus events designed to highlight the various dimensions of black heritage in our communities.

Penn College

Circuitry Circus, an educational puppet musical from Dinorock Productions, will be performed at 11 a.m. and 3 p.m. Saturday, March 16, in the Academic Center Auditorium at Pennsylvania College of

Technology. The show concludes Penn College's Spring Children's Series.

Altoona and Fayette

The Baltimore Consort will perform a concert of Elizabethan music at two campuses.

The group will perform at the Penn State Altoona Campus at 7:30 p.m. Tuesday, March 19, in the Paul R. and Margery Wolf Kuhn Theatre, and at the Penn State Fayette Campus at noon Thursday, March 21, in the J. Lewis Williams Building Auditorium.

Beaver Campus

Centre Dimensions, the University's award-winning big band, will perform at the Penn State Beaver Campus at 7 p.m. Wednesday, March 20, in the Laboratory Classroom Building auditorium. The concert is free and open to the public.

Hazleton Campus

A student production of "The Rainmaker" will be presented in the Hightches Commons at the Penn State Hazleton Campus at 8 p.m. March 21, 22 and 23 and at 2 p.m. March 24.

University Park Calendar

March 14-
March 24

Special Events

Thursday, March 14

Bach's Lunch Concert, 12:10 p.m., Eisenhower Chapel Singing Lions.
■ International Lecture Series, 2:30-4 p.m., 222 Boucke. Leszek Skibniewski, Adam Mickiewicz Univ., on "Cross-Cultural Considerations in English Language Instruction in Eastern Europe."
Returning Adult Student Concert, 7 p.m., 117 Henderson. Forum on "Campus Child Care: Issues and Answers."
■ Latin American Week, lecture, 7:30 p.m., 101 Kern. Dr. Angharad Valdivia on "Women and the Press in Revolutionary Nicaragua."
■ Six Feminist Scholars, 8 p.m., HUB Gallery. Coppola Kahn, Brown Univ., on "Warriors, Wounds and Women in Shakespeare's Roman Works."

Friday, March 15

Trustees meet at Hershey, through March 16.
Geog. Coffee Hour, 3:30 p.m., 319 Walker. Brian Harley, Univ. of Wisconsin, on "Cartography as Text for 10th-Century America."
■ Center for the Performing Arts, 8 p.m., Eisenhower Aud. Scottish Chamber Orchestra with Christopher Parkening.
■ Latin American Dance Party, 9 p.m.-1 a.m., Ag Arena Mezzanine.

Saturday, March 16

Shaver's Creek, 8-10:30 a.m./11:30 a.m.-12:30 p.m., Bird Breakfast/Vanishing Songbirds. Call 863-2000.
Marital enrichment seminar, 9 a.m.-5 p.m., 101 Henderson Bldg. East. Also March 17.

Sunday, March 17

Center for the Performing Arts, 3 and 8 p.m., Eisenhower Aud. "The Sound of Music."
Carnegie Hall Film Series, 7 p.m., 108 Warkit. *The Adventures of Robin Hood* (1938); 9 p.m., Billy Law (1963). Free.

Monday, March 18

Comp. Lit. Luncheon, 12:40-1:20 p.m., 101 Kern. Thomas Smith on "Joseph Conrad's Autobiography and Ritual Violence."
Talk, 7 p.m., Paul Robeson Cultural Center. Michele Wallace, City College of New York, on "Invisibility Blues: Black Feminism and Cultural Resistance."
■ German Dept. film, 8 p.m., 108 Warkit. *Unterwegs und Irdisch* (1977).

Tuesday, March 19

1991 Graduate Lecture, 10:45 a.m., 501 Keller. Jules B. LaPides, Council of Graduate Schools, on "The Profession of Scholarship."
■ Dept. of Art History, Institute for the Arts and Humanistic Studies, 8 p.m., 112 Walker. Margaret Conkey, Univ. of Calif., on "Paleovisions: Interpreting the Imagery of Ice Age Europe."

Wednesday, March 20

Brown Bag Lunch, noon-1 p.m., 120 Boucke. Kay Waslohn on "Women and Spirituality: Implications of a Male Deity."
■ Center Luncheon, noon, 12 Sparks. Angela Grigoriu, Univ. of Vilnius, Lithuania, on "Lithuania in the Contemporary World."
Six Feminist Scholars Lecture Series, 8 p.m., 101 Kern. E. Ann Kaplan, SUNY, on "Images of Sexuality in Recent Films and MTV."

Thursday, March 21

Bach's Lunch Concert, 12:10 p.m., Eisenhower



"The Sound of Music," the story of the Von Trapp family, will be performed at 3 and 8 p.m. March 17 in Eisenhower Auditorium.

Chapel. Mallet Ensemble.
Career Development and Placement Services, open house, 2-6 p.m., 410 Boucke.
■ Fulbright International Lecture Series, 3:30-4:30 p.m., 222 Boucke. Dr. Kodangula Ramachandrar, Karnatak Univ., India, on "The Nature and Plight of Creativity."
■ Center for the Performing Arts, Spalding Gray, film and discussion, 8 p.m., Schwab Aud. *Souvenirs to Cambodia*.

Friday, March 22

Geog. Coffee Hour, 4 p.m., 319 Walker. Gene Kelchke, International Conference Resorts Inc., on "Management of Native American Natural Resources."
Center for the Performing Arts, 8 p.m., Schwab Aud. Spalding Gray, "The Monologue: Terrors of Pleasure."

Saturday, March 23

Shaver's Creek, Maple Harvest Festival, 11 a.m.-4 p.m. Also March 24. Call 863-2000.
■ Caribbean Experience, 5:30 p.m., HUB Ballroom.
School of Music, 8 p.m., Recital Hall. Penn State University Choir, Univ. of Pittsburgh Choir.
School of Music, 8 p.m., Paul Robeson Cultural Center. Penn State Philharmonic Ball.
Sunday, March 24
Carnegie Hall Film Series, 7 p.m., *Young Mr. Lincoln* (1939); 9 p.m., *The Loveless of the Long Distance Runner* (1962). 108 Warkit. Free.
School of Music, 8 p.m., Recital Hall. Mozart Chamber Orchestra and Chamber Singers.

Conferences

Continuing Education

Keller Building
March 15-16, Microcomputer Information Exchange Program. Kyle Peck, chair; Donna Ricketts, coordinator.
March 16-22, Geometric Rigidity Program. Howard Weiss, chair; Norm Lathbury, coordinator.
March 18-22, Field Training Officer Program. John Sullivan, chair; Kathy Karchner, coordinator.
March 19-20, Pa. Highway Construction Claims

Jack Sinclair, coordinator.

March 20-22, Labor and Employee Involvement: Developing a Local Union Strategy. Chuck Herd, coordinator.
March 22, Marketing Your Architectural Services: The Professional/Client Relationship. Carolyn Ng-Bershad, chair; Donna Ricketts, coordinator.

Seminars

Thursday, March 14

Physics Colloquium, 3:30 p.m., 55 Osmond. David Landau, Univ. of Georgia, on "Exploring New Frontiers of Physics with Computer Simulations."
Gerontology Center Colloquia, 4 p.m., 106 Mitchell. Lou Milakovsky, Berks Campus, and Wolfgang H. Vogel, Jefferson Medical College, on "Aging, Stress and Metabolic Interactions."
Computer Science, 4 p.m., 112 Osmond. Jonas Mockus, Lithuanian Academy of Sciences, on "A New Approach to Global and Stochastic Optimization."

Friday, March 15

Condensed Matter Physics, 10 a.m., 330 Davey Dr. Martin Wybourne, Univ. of Oregon on "The Coupled Electron Proton Systems in Metallic Microstructures."
Computer Science, 4 p.m., 112 Osmond. F. Kenneth Zadek, Brown Univ., on "Analysis of Patterns and Structures."
Agronomy, 3:35 p.m., 107 Ag Science and Industries. Dr. Gary Petersen on "Sustainable Evaluation of Agricultural Non-Point Source Pollution Problems in Pa. Using a Geographic Information System."

Monday, March 18

Computer Science, 9 a.m., 325 Whitmore Lab. Richard E. Korf, UCLA, on "Linear-Space Best First Search."
Entomology, 3:45-4:45 p.m., 204 Patterson. James H. Lashomb, Rutgers Univ., on "Biological Control of Colorado Potato Beetle Employing the Wasp *Euclyptus pallipes*."
■ Australia-New Zealand Studies Center/Dept. of Economics, 4 p.m., 12 Sparks. Dr. Duncan Ironmonger, Univ. of Melbourne, on "Getting

into and coming out of Recession: The Australian Way."

Marker Lectures in Genetic Engineering, 7 p.m., 112 Chambers. Dr. Paul Berg, Stanford, on "Genes and Disease." Also March 19, 1:30 p.m., 112 Buckhout Lab. March 20, 1:30 p.m., 55 Osmond Lab; and March 21, 1:30 p.m., 112 Buckhout Lab.

Tuesday, March 19

Chemistry Colloquium, 3:30 p.m., 55 Osmond. Jerome A. Berson, Yale, on "Stereoelectronic Control of Stereogenicity Transfer in Thermal Reactions."
■ Geosciences, 3:45 p.m., 112 Walker. Tony Dahlen, Princeton, on "Mechanics and Thermodynamics of Mountain Building in Taiwan."
Graduate Program in Nutrition, 4 p.m., 162 Willard. Burnage Welkome Vining, Lecturer Dr. Samuel I. Fomon, Univ. of Iowa, on "Iron Absorption by Infants and Children."
Outstanding Alumni Lecture, nuclear engineering, 4 p.m., 127 Sackett. A. Edward Scherer, ABB Combustion Engineering Nuclear Power.

Biology, 4 p.m., 8 Mueller. James Frazier on "Insect Chemosensory Systems: An Emerging Molecular View."
Wednesday, March 20
Computer Science, 4 p.m., 325 Whitmore Lab. Juan Carlos Guzman, Yale, on "Expressing Mutations of State in a Functional Programming Language."

Thursday, March 21

Physics Colloquium, 3:30 p.m., 55 Osmond. Dr. A.M. Polyakov, Princeton.
History Colloquium, 4 p.m., Eisenhower Chapel. Steven Andrews on "Paracelsus and the Four Pillars of Medicine."
Mechanical Engineering, 4 p.m., 103 Mech. Engr. Dr. Fred Bowman, Harvard/MIT, on "Continuous Quantification of Perfusion Using Thermal Techniques."
Gerontology Center Colloquia, 4 p.m., 106 Mitchell. Pearl German, Johns Hopkins Univ., on "Current Health Services Research in the Elderly Population."

Friday, March 22

Agronomy, 3:35 p.m., 107 Ag Science and Industries. Barbara Pennypacker on "Analysis of Photosynthesis in Resistant and Susceptible Alfalfa Clones Infected With *Verticillium albo-atrum*."

Exhibits

Chambers Gallery

Graphic Design and Metals, through March 15. Art Education Graduate Students exhibition.

HUB Galleries

Art Alley Cases:
royce Rhyner, paintings, through March 27.
Vin-Lee Deering, ceramics, through March 27.

Kern Gallery

Robert O. Sherman, watercolors, through March 15.
Graduate Research Exhibition, 10 a.m.-4 p.m., Kern Lobby, March 22-23.

Palmer Museum of Art

Abstracting the Landscape: The Artistry of Landscape Architect A.E. Bye, through March 30.

Zoller Gallery

Undergraduate Juried Exhibition, through March 29.

■ Reflects an international perspective

Faculty/Staff Alerts

U.S. Savings Bond program

Annually faculty and staff are reminded of the benefits of purchasing U.S. Savings Bonds through payroll deduction. An information packet regarding U.S. Savings Bonds is being sent to all full-time Penn State faculty and staff members during the week of March 16.

Not only are bonds an investment of unmatched security, they are also -- thanks to a market-based interest rate -- highly competitive with other savings and investment vehicles. Earning interest at a rate based on 85 percent of the average yield on five-year Treasury securities, compounded semiannually, bonds are as profitable as they are patriotic.

The interest earned on Series EE bonds purchased after Dec. 31, 1989, already exempt from state and local taxes, may be completely tax free when used to pay tuition and fees at colleges, universities and qualified technical schools during the year they are redeemed. To qualify, bonds must be purchased by parents in their own names, and certain income limitations must be met at the time of redemption.

Payroll deduction offers an easy and convenient method of systematic saving. Bonds are mailed directly to the participant normally within three work days after the Payroll Division places an order with the Federal Reserve Bank. Bonds are available by payroll deduction in denominations of \$100, \$200, \$500, and \$1,000, each costing one-half of its face value.

Questions regarding the U.S. Savings Bond program should be directed to the Employee Benefits Division, 205 Rider Building, (814) 865-1473.

Courses for faculty and staff

The Human Resource Development Center has openings in the following courses. Call the center at 865-3410 for registration information.

Managing cultural diversity Practice decision-making relative to cultural diversity, and challenge and develop your managerial skills; meets 9 a.m. to 4 p.m. Friday, March 15; cost: none.

Time management Learn how planning and assertiveness can "make" more time. Session for support staff meets 9 a.m. to noon Tuesday, March 19; supervisors and managers meet 1 to 4 p.m. Tuesday, March 19; cost: none.

Communication skills for managers

Basic course in improving oral communication effectiveness for employees manage others; meets 9 a.m. to 4 p.m. Wednesday, March 20; cost: \$55.

Stress management Identifies stressors and their effects and develops a realistic individualized plan to cope with stress; meets 9 a.m. to 4 p.m. Wednesday, March 27; cost: \$55.

Plateauing Addresses the concept of career plateaus which often occur when competent employees choose to remain in a geographic area such as the Centre Region and continue employment in a large organization such as Penn State. But may have little opportunity for further advancement; meets 9 a.m. to 4 p.m. Friday, March 29; cost: \$55.



Penn State People

David Hill

Born in Dunfermline, Scotland, David Hill came to the Shaver's Creek Raptor Center in January 1990 to serve as an intern. He was named assistant director of the center last August. A biology graduate of the University of London (1989), he is responsible for caring for injured birds of prey and preparing them for return to the wild, as well as teaching children, University students and adults. Birds of prey who cannot return to the wild become permanent residents of the center and are used in the teaching program. "Shante," the barred owl shown with Mr. Hill, was sent to the Raptor Center for care by the Sharon, Conn., Audubon Naturalist Trust. Mr. Hill enjoys his work. "Teaching is an awful lot of fun. It's rewarding to teach students to make a major difference in our environment." And nursing badly injured birds and returning them to the wild "is the greatest thrill you can imagine," he says. (Photo: Greg Grieco)

Arts cont.

HUB exhibit

The paintings of Joe Royer, a University senior, will be on exhibit through March 27 in the Art Alley of the Hetzel Union Building at University Park.

Mr. Royer describes his work as investigations of the power of suggestion and the overt use of metaphor. They are intended to provoke ideas of disintegration, isolation and motion. His latest works have developed into more complex and subtle images and explore polarity.

WPSX membership drive

WPSX-TV has set a dual goal for its 1991 Membership Drive: to raise 3,200 pledges of financial support from area viewers and to plant a like number of trees at the Stone Valley Experimental Forest, managed by the School of Forest Resources.

The 16-acre section at Stone Valley has been designated as the "WPSX-TV Stewardship Forest," and for each membership pledge received during the Membership Drive, Channel 3 will have a tree planted in the name of the member.

Programming during the 19-day Membership Drive, which began March 2

and ends March 20, will showcase musical performances, viewing for the family, and a host of other program types.

Mallet Ensemble

The Penn State Mallet Ensemble will perform in concert at 12:10 p.m. Thursday, March 21, in Eisenhower Chapel at University Park.

The 20-minute concert is part of the Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

Spalding Gray

Humorist Spalding Gray will deliver his newest autobiographical monologue "Monster in a Box" at 8 p.m. Friday, March 22, in Schwab Auditorium at University Park.

Presented by the Center for the Performing Arts, Mr. Gray will be on hand for two evenings in Schwab Auditorium. At 8 p.m. Thursday, March 21, there will be a showing of "Swimming to Cambodia," an OBIE award-winning film of one of his performances, followed by a discussion with Mr. Gray.

Graduate Lecture

Julie B. LaPidus, president of the Council of Graduate Schools, Washington, D.C., will deliver the 1991 Graduate Lecture at 10:45 a.m. Tuesday, March 19, in Room 501 Keller Building at University Park. He will discuss "The Profession of Scholarship."

The lecture is co-sponsored by the Graduate School and the Institute for Policy Research and Evaluation.

Dr. LaPidus was a member of the faculty in medicinal medicine at Ohio State for 26 years and served for a decade as dean of the Graduate School and vice provost for research.

In 1984, he left Ohio State to assume the presidency of the Council of Graduate Schools. In this position, he has become a prominent advocate and national leader in the area of graduate education.

He has served on numerous committees advisory to the Graduate Record Examination Board, the American Council of Education, and the American Association for the Advancement of Science.

Obituary

Donald E. Butts, livestock caretaker in the College of Agriculture since Sept. 22, 1965, died Feb. 21 at the age of 46.

Private Giving to Penn State

Several gifts benefit University Libraries

Healthcare information system to be created

Johnson and Johnson, manufacturer of healthcare products, has made a \$150,000 grant to the University Libraries to create a healthcare information retrieval system that will benefit students University-wide.

"There is a growing interest in health care careers," Nancy Cline, dean of the University Libraries, said. "This grant will help to better prepare students at University Park and all of the Commonwealth Campuses by providing access to some of the most current literature in the fields of medicine and health."

The Libraries will use the grant in two ways. The search capabilities of the computerized Library Information Access System (LIAS) will be enhanced in several ways, including the addition of a keyword search capability.

Secondly, it will be used to acquire several medical data bases — "Medline," a compilation of medical literature citations; "CINAHL," a listing of publications in nursing and the allied health disciplines; and "Current Contents," a listing of the latest citations from scientific and technical journals.

Lawrence G. Foster, immediate past chairman of the Libraries' Advisory Development Board and retired vice president of public relations for Johnson and Johnson, said corporate and foundation assistance for library programs has been increasing steadily.

\$50,000 gift to aid University Archives

Penn State alumnus Patrick Malloy and his wife, Candace, have given \$50,000 to establish a graduate assistantship in the University Archives.

It is the first endowed assistantship to be created in the Penn State Libraries, and it is believed to be the first such position for any university archives in the nation. It will support activities relating to the appraisal, acquisition, organization, and preservation of collections.

The University Archives, including Pattee Library's Penn State Room, contains historical materials about the University and is the central repository for official University records of permanent value.

The Malloys reside in Sag Harbor, N.Y., where Mr. Malloy is a principal in a number of real estate projects aimed at revitalizing eastern Long Island.

He is a Johnstown native and earned a bachelor's degree in accounting from Penn State in 1965.



Dedication ceremony

Nancy Cline (left), dean of University Libraries, was among administrators and library staff at the dedication ceremony for the VAX 9420 from Digital Equipment Corp. The mainframe computer system is part of a \$2.5-million gift to the Libraries from Digital. It will support LIAS — the Library Information Access System, an online computer catalog of libraries' holdings — at locations around the state. Shown in the photo on the right are, from left, J. Gary Augustson, executive director, Computer and Information Systems; Kenneth H. Olsen, president and chief executive officer, Digital; Eric Ferrin, director, Library Computing Services; and Dean Cline. (Photos: Greg Giesco)

Memorial fund created for University trustee

The University has received \$646,000 from the estate of Agnes R. Robb of Oakland, Calif., to endow an acquisitions fund for the University Libraries.

Miss Robb, a longtime staff member of the University of California at Berkeley, died in 1989 at the age of 94. The fund honors her father, James F. Robb, who graduated from Penn State in 1880 and served as a University trustee from 1890 to 1896.

"Miss Robb chose a wonderful way to memorialize her father, who helped to guide Penn State when it came of age as an institution of higher education," President Thomas said. "Her generosity will benefit countless students and faculty in the years to come."

Nancy Cline, dean of the University Libraries, noted that Miss Robb had a longtime interest in the Libraries.

"She began making some modest contributions more than 20 years ago to help buy books," Dean Cline said. "Her bequest is one of the largest gifts we have ever received, and we're extremely pleased that she remembered us in this way."

Dean Cline said that, in accord with the donor's wishes, the Robb fund will be used to acquire general materials that will benefit students and faculty University-wide, although some emphasis will be placed on acquiring materials relating to the study of law.

Mr. Robb was an attorney in his native Pittsburgh and in Washington, Pa., from 1884 until shortly before his death in 1899. He was elected to the University's Board of Trustees by the alumni and was a contemporary of such other board members as industrialists Andrew

Carnegie and Charles Schwab.

Miss Robb was still a child when her mother also died, and she went to Oakland to live with relatives. She graduated from the University of California at Berkeley with a bachelor's degree in Spanish in 1918 and a year later joined the UC staff. She became administrative assistant to Robert Gordon Spraul, who served as president of UC Berkeley from 1930 to 1958.

Following her retirement in 1962, she continued to be involved with the Berkeley campus, serving for eight years as a trustee of the UC Berkeley Foundation and contributing more than \$700,000 in gifts for UC programs. One of her gifts endowed a faculty chair in jurisprudence, ethics and social responsibility at the UC Berkeley Law School.

Mellon grant supports soil ecology research

The Andrew W. Mellon Foundation of New York has given the University a \$125,000 grant to support basic research into soil ecology.

Roger T. Koide, assistant professor of biology, whose research will benefit from the grant, said he is especially interested in what controls the structure of plant communities.

"By studying 'structure,' I mean

looking at what controls the presence or abundance of a certain species in a particular place," Dr. Koide said. "Included in any understanding of these controls would be how the soil's resources — moisture, nutrients or other factors — affect a community of plants."

He is concentrating on the role of the beneficial mycorrhizal fungus, which attaches to plant roots and helps the plant

draw more nutrients from the soil. The fungus seems to help some plants more than others, however, and understanding the nature of these differences is of keen interest to Dr. Koide.

"The Mellon Foundation's interest in basic scientific research is refreshing," he said.

Penn Staters

Guy H. Temple, Penn State Cooperative Extension agent for the sixty county area of Columbia, Lycoming, Montour, Northumberland, Snyder and Union counties, has been awarded the "Ruby Award" from Epsilon Sigma Phi, national honorary extension fraternity, for his outstanding work in using newspaper as animal bedding.

Bernhard R. Tittmann, Kunkle professor in engineering science, has been appointed by the National Research Council to a three-year term as a member of the Panel for the Materials Science and Engineering Laboratory.

Richard E. Tressler, professor of materials science and engineering and director of the Center for Advanced Materials, presented the keynote lecture titled "Tailoring the Microstructures of Structural Ceramics for Long Term Reliability" at the annual symposium of the Engineering Research Association for High Performance Ceramics in Tokyo, Japan.

Hana Van Campen, assistant professor of molecular virology in the Department of Veterinary Science, has become a Diplomate in the American College of Veterinary Microbiologists (ACVM).

Gary S. Webster, associate professor of anthropology, presented two papers titled "The Functions and Social Significance of Nuraghi" and "The Archaeology of Bronze/Iron Age Sardinia" at Uppsala University and the Society for Swedish Archaeology in Stockholm.

Gary Witmer, assistant professor of wildlife technology at the Penn State DuBois Campus, visited Costa Rica on a federal Title XII strengthening grant to undertake a survey of the current predator-livestock situation.

Monika Zechetmayr, assistant professor of exercise and sport science, spoke on "Sport Sociology in North America" to the Department of Sport Science at the University of Munich, Germany.

Stephen Browne, assistant professor of speech communication, has received the 1990 Karl R. Wallace Memorial Award from the Speech Communication Association.

On a visit to Eastern Europe, **Philip A. Klein**, professor of economics, gave a seminar at the Center for East and Central European Studies, Hungarian Academy of Sciences at the Budapest University of Economics (formerly the Karl Marx University), and a lecture at the Polish Academy of Sciences in

Warsaw on "Monitoring Economic Instability with Cyclical Indicators."

Kenneth K. Kuo, distinguished professor of mechanical engineering and director of the High Pressure Combustion Laboratory, served as chairman of the "Second International Symposium on Special Topics in Chemical Propulsion" at the Institute for Chemical Propulsion and Engineering in Lampoldshausen, Germany.

Edwin Masteller, professor of biology at Penn State Erie, The Behrend College, was elected chairman of Aquatic Insects for the Entomological Society of America.

Carlo G. Pantano, professor of materials science and engineering, presented a lecture titled "Surface Chemistry of Sol/Gel Thin Films" at the First International Conference on Molecular Design of Advanced Ceramics in Kyoto, Japan.

Loren D. Tukey, professor of pomology, and **Terry L. Salada**, undergraduate honors program student, presented a research paper titled "Apple Fruit Enlargement and Growth Substances Foliar Applied to Bearing Trees" at the 23rd International Horticultural Congress in Florence, Italy.

David B. Van Dommelen, professor emeritus of art education and fiber arts, had a one-man exhibition of his recent work in Shoemaker Galleries at Junata College in Huntingdon.

James Hamilton, assistant professor of speech communication at the Penn State Mont Alto Campus, has won a first place in the Education Division of the 1990 "Take Pride in Pennsylvania" Program for his work with the Conservation Leadership School.

Harold R. Jacobs, professor and head of mechanical engineering, and **C.I. Merkle**, distinguished alumni professor, have been awarded a \$50,000 NSF exploratory research grant. They will serve as co-principal investigators for the grant titled "Transverse Acoustical Wave Interaction with a Turbulent Boundary Layer."

Bodan Kulakowski, associate professor of mechanical engineering, and **Donald Streif**, assistant professor of mechanical engineering, will serve as co-principal investigators for a \$722,660 Federal Highway Association grant. The study titled "Dynamic Vehicle Forces on Pavements" will be conducted over three years.

Anil K. Kulkarni, associate professor of mechanical engineering, has received a \$51,000 one-year renewal grant from the National Institute of Standards and Technology to continue his work on upward flame spread on vertical walls under external radiation.

Samuel Levine, professor of nuclear engineering, and **Asok Ray**, professor of mechanical engineering, have been awarded a \$40,000 grant-in-aid from Pennsylvania Power and Light Co. They will investigate the application of expert systems for maintenance of boiling water reactor nuclear power plants.

Michael Modest, professor of mechanical engineering, presented two papers titled "Laser Processing of Materials—The Present and the Future" and "Single and Multiple Pan Cutting of Ceramics With a Moving CW Laser" (coauthored with S. Ramanathan) at the Symposium of the International Center for Heat and Mass Transfer in Dubrovnik, Yugoslavia.

Thomas G. Poole, director of student activities and religious affairs and affiliate assistant professor of religious studies and black studies, and **Kenneth I. Clarke Sr.**, assistant director of religious affairs, were named 1991 Crozer Scholars by Crozer Theological Seminary, Rochester, N.Y.

Andre J.M. Prevos, assistant professor of French, read an invited paper at a symposium organized by the Centre d'Etudes en Littérature et Civilisation de Langue Anglaise of the University of Rouen and held at the School of Letters of the University of Rouen in Rouen, France.

Peter Rogan, assistant professor of pediatrics at the Hershey Medical Center, received a travel award from the NATO Collaborative Research Grants Programme to present his project "Molecular Genetics of Ancient Human Remains from the Canary Islands" at the World Congress on Mummy Studies and International Mummy Exposition in Santa Cruz de Tenerife (Canary Islands).

Della M. Roy, professor of materials science, has been appointed to a special Committee on Highway De-icing Chemicals of the Transportation Research Board of the National Research Council.

Gita Talmage, assistant professor of mechanical engineering, has been awarded a David Taylor Research Center contract totaling \$96,000. The contract, "Liquid Metals as Sliding Electric Contacts for Homopolar Devices: Numerical Modeling Studies,"

concerns a viable form of energy conversion using hydrodynamic flows.

Peter R. Cavanagh, professor of locomotion studies, has been appointed to the research committee for the Foot Council of the American Diabetes Association.

Barbara A. Copland, special assistant to the vice president for student services, has been elected president of the Pennsylvania Association for Adult Continuing Education.

Sharon Dale, assistant professor of art history at Penn State Erie, The Behrend College, has been named an outside evaluator for projects funded by the Pennsylvania Humanities Council. She will serve a one-year term.

Joseph Dixon, professor emeritus of chemistry and former head of the Department of Chemistry, has been re-elected chairman of the American Chemical Society (ACS) board of directors for the second consecutive year.

Joseph Duich, professor of turfgrass science, has received a \$140,000 grant from the Pennsylvania Turfgrass Council for 1991.

Carl Fisher, chief engineer for WPSX-TV, has been elected a member of the PBS Engineering Committee for a three-year term.

Vicki Golich, assistant professor of political science, has been chosen as one of 12 members of a Transportation Research Board panel to select graduate students from a nationwide pool for fellowships.

James F. Lynch Jr., director, Office of International Programs, has been elected to the National Board of the National Association of Foreign Student Affairs Association of International Educators. His term begins in May.

John A. Miiner, head of the Nutrition Department, has been appointed to the Human Nutrition Board of Scientific Counselors.

Ronald A. Pursell, professor of biology, has been appointed research associate at the Missouri Botanical Gardens in recognition of "fruitful collaboration ...over the years in the area of bryology, particularly through...research on (tropical) fissidens."

Robert D. Shipman, professor emeritus of forest ecology, has been named a Distinguished Member of the Northeastern Weed Science Society, the highest honor the society awards.

Focus on

Research

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Intercom
March 14, 1991

New laboratory to develop communication techniques for non-speaking disabled

Great strides have been made to help disabled non-speaking people communicate, but more help is on the way from the University.

Because of an illness or injury, more than 1 million people in the United States are unable to use speech to communicate their daily needs. University researchers have opened a lab to find new ways to help them, according to **Janice Light**, assistant professor of communications disorders in the College of Health and Human Development.

"Until 20 years ago, non-speaking individuals had no options beyond unaided communication techniques such as sign language and gestures," Dr. Light said.

During the past two decades, researchers have developed augmentative communication techniques to enhance disabled persons' existing abilities, she noted.

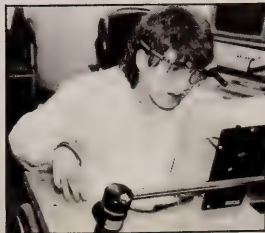
The non-speaking population includes individuals who have congenital disabilities such as cerebral palsy, autism or Down's Syndrome; individuals who have acquired disabilities from a traumatic head injury, stroke or severe illness, which leave their speech temporarily or permanently inadequate to meet their communication needs; and individuals who have progressive neuromuscular disorders such as amyotrophic lateral sclerosis, multiple sclerosis, muscular dystrophy or Parkinson's disease.

Augmentative communications systems range from simple picture boards for a youngster who has not learned to read to more complex computer-based systems for individuals with reading ability, she said.

"Without communication, physically disabled persons are severely limited in their abilities to explore the environment and to express emotions, needs and thoughts. Communication is vital to cognitive, academic and socio-emotional growth."

Researchers in the University's new lab will evaluate systems and assistive technologies that help maximize opportunities and enhance the quality of life for non-speaking individuals. The lab also will house clinical and educational programs for assessment, intervention and skill development for those who need augmented systems, as well as programs to educate professionals in the use of the systems.

An augmentative communication system is selected based on the needs and skills of the individual, Dr. Light said. As disabled persons develop new skills, they may need new devices.



Juanita Decker concentrates on learning to communicate with an electronic device designed for non-speaking people. Ms. Decker is a clerical worker in the College of Health and Human Development.

Photos by Greg Grieco



Janice Light (left) demonstrates for Juanita Decker one of the many keyboard-type devices available to people who are unable to use speech to communicate.

"One device doesn't fulfill their communication needs for an entire lifetime," she said, explaining that as an individual's skill level changes, so does their requirements for a communication system.

Currently, many adults are benefiting from the development of portable computer systems into which messages can be pre-programmed.

"One movement — even as slight as an eyebrow movement — can be used to control the whole system, so even a severely handicapped person can operate the system and communicate daily needs. Once the person makes a selection on the computer system, the message is then spoken via a speech synthesizer or is printed out.

"We want to continue to identify new technology to help persons with disabilities communicate. The devices will allow disabled persons to live as high a quality of life as possible and to participate fully in their educational and vocational pursuits," Dr. Light said.

—Kimberley Yarnell

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0004 NETWORK LINE 433-03040. Applications for these staff vacancies will be accepted until March 21. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment practices (P's 1) and in compliance with the University's Alternative Action Compliance Program without regard to race, color, religion, national origin, handicap, or age (as provided by law) or sex, status as a disabled or Vietnam era veteran.

■01327, Administrative Assistant, CES, Continuing Education, University Park Campus - Responsible to the vice president of continuing education for the overall supervision of the office and for handling a wide range of administrative matters for the vice president. Requires bachelor's degree and one to two years of effective experience in office program and project management. Excellent verbal, written, interpersonal and organizational skills required. STAFF GRADE 0.

■01328, Accounting Assistant, Student Services, University Health Services, University Park Campus - Responsible to the business office manager for budgeting and accounting control in a variety of financial reports and provide analysis and design of business office information system. Requires associate degree, or equivalent, in accounting or

related field, plus two to three years of effective experience. Familiarity with evaluating and implementing accounting systems within a university or a community healthcare setting is preferred. A strong background in computer operations is highly desirable. Bachelor's degree is preferred. STAFF GRADE 3.

■01329, Athletic Trainer II, Interscholastic Athletics, University Park Campus - Responsible to the coordinator of sports medicine for developing prescribed treatment programs and individual rehabilitation programs for student athletes in moderate to high risk sports. Requires bachelor's degree in health education, physical education, or equivalent; master's degree preferred and one to two years of effective athletic training experience in Division I Division IA football, or equivalent. Current certification with the National Athletic Trainers Association and certified with the state of Pennsylvania, or eligible. STAFF GRADE 0.

■01330, Environmental Analyst, College of Engineering, Department of Nuclear Engineering, University Park Campus - Responsible to the supervisor Low Level Radiation Monitoring Laboratory and faculty member for conducting low level radiation monitoring and neutron activation analysis and for performing various laboratory procedures. Requires bachelor's degree or equivalent in chemistry or related field and six months to one year effective experience in an analytical laboratory environment. STAFF GRADE 4.

■01331, Publicity Coordinator, University Arts Services, Center for the

Performing Arts, University Park Campus - Responsibilities include development and coordination of marketing campaigns and plans for Center programs and other client organizations, establishing and maintaining regular contact with editorial staff of print and broadcast media, coordinating publicity and media events, serving as editor of all performance playbills. Requires bachelor's degree in communications-related field and one to two years effective experience. This is a fixed-term position funded through June 30, 1992, with excellent possibility of re-funding. STAFF GRADE 0.

■01332, Director of Community Relations, Community Relations, Penn State Harrisburg - Responsible for organizing and conducting a comprehensive university relations program for the entire college. To include public information publications, public relations, special events, fund raising and alumni affairs. Requires bachelor's degree or equivalent, in relevant field plus a minimum of over four years of effective experience involving management experience and/or journalistic writing and public relations. Experience in higher education is highly desirable. Excellent oral and written communications skills essential. STAFF GRADE 8.

■01333, Coordinator, Student Support Programs and Student Affairs, Student Assistance Center, Penn State Harrisburg - Responsible to the associate director of student affairs for student assistance for the development, coordination, supervision and implementation of service-oriented programming which provides assistance to minority commuter, adult, disabled, international, EOP students, returning women, nondegree and other special student populations. Requires master's degree, or equivalent, in counseling, student personnel services, or a closely related

field, plus one to two years of effective experience. STAFF GRADE 7.

■01334, Computer and Information Systems Specialist, Computer Center, Penn State Harrisburg - Responsible to the director of computer and information systems for providing assistance to systems users concerning hardware, software or communications problems, for coordinating the repair of equipment, for ensuring that communications equipment and cabling are installed and maintained. Requires associate degree, or equivalent, in computer science, electrical engineering, technology, mathematics or related field and one to two years of effective experience in computer systems. STAFF GRADE 4.

■01335, Nursing Assistant, Student Services, University Health Services, University Park Campus - Responsible to the nurse manager for providing clinical and nursing support services in the Outpatient Department, Urgent Care Clinic and Observation Unit. Requires high school graduate, or equivalent, completion of certification as nursing assistant, plus three to six months of effective experience. This is a full-time, 10 month, night-shift position. STAFF GRADE 2.

■01336, Assistant Manager, Housing and Food Service, Penn State Harrisburg - Responsible to manager of housing and food services for assisting in supervising the overall operation of the Housing and Food Services units at the Commonwealth Campus to which assigned. Requires bachelor's degree, or equivalent, in institutional management, plus one to two years of effective experience in food service supervision. STAFF GRADE 3.

■01337, Nursing Assistant, Student Services, University Health Services, University Park Campus - Responsible to the nurse manager for providing clinical and nursing support services in

the Outpatient Department, Urgent Care Clinic and Observation Unit. Requires high school graduate, or equivalent, completion of certification as nursing assistant, plus three to six months of effective experience. This is a full-time, 12-month, day and evening rotating-shift position. STAFF GRADE 2.

Hershey

For the following position vacancies, apply directly to The Milton S. Hershey Medical Center. Attach resume with cover letter indicating the position vacancy code and forward to the Department of Human Resources, Hershey, or call the Hershey bid line at (717) 531-8531 by March 21.

■N065, Clinical Nurse Educator, Department of Nursing Services - Responsible to the assistant director of nursing, Nursing Education for the design, implementation and evaluation of orientation, basic and advanced education programs and specialized courses for all levels of nursing personnel. A master's degree in nursing, plus one to two years of effective clinical experience in area of expertise, and current licensure by Pennsylvania State Board of Nursing. Certification in specialty area is desirable. STAFF EXEMPT, GRADE 7.

■N062, Clinical Nurse Specialist - Acute Pain Management, Department of Nursing Services - Responsible to the assistant director of nursing, Surgical Division, and the medical director of Acute Pain Management Service for providing nursing expertise within higher clinical specialty. Serves as consultant, collaborator, educator, clinician researcher and change agent for specialty area. A master's degree in nursing, plus one to two years of effective clinical experience in area of expertise, and current licensure by Pennsylvania State Board of Nursing. Certification in specialty area is desirable.

Nuclear Engineering presents annual Alumni Lecture

A. Edward Scherer, vice president for nuclear safety at ABB Combustion Engineering Nuclear Power, Combustion Engineering Inc., in Windsor, Conn., will give the fourth annual Outstanding Alumni Lecture for the Department of Nuclear Engineering at 4 p.m. Tuesday, March 19, in 127 Sackett Building at University Park. A reception will precede the lecture. Both are open to the public.

Mr. Scherer is responsible for the

development, approval, implementation, maintenance and monitoring of the ABB quality assurance program. He also serves as chairman for the nuclear safety committee on site.

He serves on the College of Engineering Industrial Professional Advisory Council and also is a member of the American Nuclear Society, the American Society of Mechanical Engineers and Sigma Xi.

He earned a B.S. degree in mechanical

engineering from Worcester Polytechnic Institute, a master's in nuclear engineering from Penn State and an MBA in management from Rensselaer Polytechnic Institute.

The nuclear engineering Outstanding Alumni Lecture series, established by Edward H. Kleivas, professor and head of nuclear engineering, honors distinguished alumni from that department.

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INTERCOM

March 21, 1991

Volume 20, Number 25

Dr. Thomas emphasizes quality and accomplishments

President Thomas told the Board of Trustees at its meeting March 16 at the Hershey Medical Center that he is emphasizing the quality and accomplishments of the University in his effort to persuade the state to adequately fund the institution.

The University requested an appropriation of \$284,985,000 for 1991-92 or 13.1 percent over the current fiscal year. President Thomas has testified in recent weeks before the Senate Appropriations Committee and the House Appropriations and Education committees regarding the need for increased funding for education in Pennsylvania.

"We also noted the difficulties we have faced in complying with the governor's \$12.6 million cutback in the appropriation for the current fiscal year," Dr. Thomas

said. "Imposing a 5 percent cutback almost seven months into the fiscal year on a University as underfunded as this one is difficult."

The governor's proposed budget recommendation for 1991-92 restores the cuts that were recently made, but he did recommend cuts in the agricultural research line and in the line supporting the Central Pennsylvania Psychiatric Institute at Hershey.

"We are working hard to convince the General Assembly and the governor that Penn State needs more than a zero increase budget," Dr. Thomas said.

University financial officers have indicated that a zero increase in state funding has the effect of a 4 percent reduction in the institution's appropriation.

Dr. Thomas expressed support for the

governor's proposal to fold the Tuition Challenge Grant Program funds into the base budget. "These funds, sitting outside of our base budget, would be an obvious target for budget cuts. We hope the legislature follows the governor's recommendation," he said.

"It is clear that the Commonwealth faces a very difficult fiscal situation," Dr. Thomas told Trustees. "However, after my first six months in Pennsylvania, it is my impression that people in the Commonwealth do not have a clear understanding of the value of investing in public higher education."

"We have calculations, for example, that expenditures by Penn State and its students generate a total economic impact of nearly \$1.9 billion annually, and we support over 89,000 jobs. This is a very respectable return on an investment of a state

appropriation to Penn State which this year was approved at \$252 million, prior to the \$12.6 million cut we have made in response to the governor's action."

Dr. Thomas told the Board that the University will continue to emphasize the contributions made by the University to Harrisburg and communities across the state.

"While we are in obviously difficult fiscal times, we must remind ourselves that the situation will not continue forever," Dr. Thomas said. "Better times will come. In the interim, we will devote all our energies to keeping the institution moving forward."

He also updated the Board on the governor's recent decision to release approximately \$33.8 million for capital projects.

See 'Dr. Thomas' on page 3.

Trustees approve room and board rate increase

The Board of Trustees approved rate increases for room and board for 1991-92 at its meeting March 16 at the Hershey Medical Center.

Room and board rates for the standard double room and meal plan 3 will increase 4.7 percent, beginning in fall 1991.

More than 78 percent of the

undergraduate on-campus population at the University is housed in the standard double room. Rate increases for other types of accommodations, which include singles, doubles, triples, single student apartments and suites, will vary from \$30 to \$55 a semester.

Family apartments will increase \$10 to \$20 per month, depending on the type

of apartment.

The University is anticipating higher costs in areas such as food, utilities, salaries and benefits," Steve A. Carlson, senior vice president for finance and operations and treasurer, said.

The Residence Hall and Dining Commons program is completely self-supporting," he noted. "State funds are

not used for the operation or the construction and maintenance of facilities."

The standard double room and board rate for 1991-92 will increase by \$80 per semester.

New double room and board rates per semester are: \$1,005 including Meal

See 'Trustees' on page 3.

Dr. Mortimer to give seventh annual Oswald lecture

Kenneth Mortimer, president of Western Washington University and the chair of a national study group on excellence in higher education, will present the seventh John W. Oswald Lecture in Higher Education at 8 p.m. Wednesday, March 27, in Room 112 Walker Building at University Park.

The title of his lecture will be "Higher Education in the '90s: More of the Same?"

The Oswald Lecture, created by the University Board of Trustees, is devoted to issues that concerned the 11th president of Penn State, John W. Oswald, who served from 1970-83.

Dr. Mortimer, formerly a vice president and vice provost at Penn State, is a nationally renowned scholar in higher education issues, such as academic governance and management and policy

development. Among his many achievements, he chaired the National Institute of Education Study Group, which resulted in the 1984 highly acclaimed report "Involvement in Learning: Realizing the Potential of American Higher Education."

The report extended the nationwide debate about the quality of U.S. education started in "A Nation at Risk."

"American higher education, the largest and most complex system of postsecondary instruction and learning in the world, has taken on so many functions in our society that its most essential roles have begun to suffer from neglect," according to the executive summary of the report.

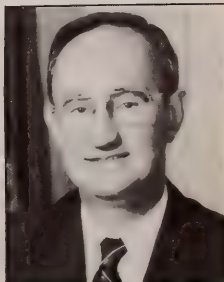
"American higher education needs to return to its own roots in order to realize its potential," the summary notes. "Our

colleges, community colleges and universities form a great national resource that can do better."

In addition, Dr. Mortimer has been president of the Association for the Study of Higher Education, chair of the board of directors for the National Center of Higher Education Management Systems, and an active member of the American Association of University Professors and the Association of Governing Boards.

At Penn State, he had served in many administrative roles since 1969, including executive assistant to the president for university affairs and director of the Center for the Study of Higher Education.

His degrees are an A.B. and an MBA from the University of Pennsylvania and a Ph.D. from the University of California at Berkeley.



Kenneth Mortimer

Focus on Diversity

Statistician serves in visiting professorship program

After years of practical application, H. Jean Thiebaut is sharing her knowledge of statistical analysis and preserving it for future generations.

Dr. Thiebaut is at Penn State as a visiting professor of meteorology and is on leave from the U.S. National Meteorological Center where she is a research mathematical statistician. Last semester, she taught a course on statistical inference in meteorology and is preparing a book on data analysis for atmospheric science and oceanography.

"The last book on statistics for meteorologists was written by Panofski and Brier in the 1960s," she says. "It is an excellent book, but it is out of date."

"In the 1960s, researchers were still doing desk calculator calculations and manipulating tables of numbers by hand. Methods are very different now that students have access to computers and specialized software."

The subtitle to the course Dr. Thiebaut taught was "uncertainty and inference in atmospheric science." The course teaches standard statistical methods, but emphasized a pattern which begins with a clear delineation of the research objective.

"My central theme is that a researcher starts out with a scientific question and continually rephrases it. Eventually ending



H. Jean Thiebaut (left) of the U.S. National Meteorological Center works with students Anne Walter, Corey Letkof and John Hennessey (right) in a meteorology classroom.

up with the question framed so that observations are interpretable in light of the question."

Dr. Thiebaut is at Penn State through the National Science Foundation's Visiting Professorships for Women program. She is

one of 23 women chosen for the 1990-91 year. One objective of the program is to encourage students, especially women, to pursue careers in science and engineering.

"I think any woman in a male-dominated field is a role model, and I see that as a rationale for the NSF program. If women students see female scientists at work, they will realize that they can also become scientists."

Dr. Thiebaut has participated in programs and informal discussions with women in science and engineering.

"Teaching classic statistics for use in scientific disciplines concerned with characteristics of continuous fluids, such as the atmosphere and ocean, has its drawbacks," Dr. Thiebaut said. "The basic tenets of classic statistics assume that data values are independent of one another, an assumption that does not apply to many of the variables used to study the coherent systems of meteorology and oceanography."

"The class, and the textbook that will come from teaching the class, should cover two semesters of work. Last semester I covered classic statistics and had only one day to discuss non-classical approaches to model verification and statistical analysis of observations of fields that are continuous in space and time. That one day should be an entire second semester."

Nominations open

All University faculty, staff (except non-employment, clerical, and technical service), and students are eligible for nomination to the Commission on Racial/Ethnic Diversity. The Commission is charged with advising the president on policies related to racial/ethnic diversity, and members of the Commission are appointed by the president.

Applications for nomination are available at the HUB desk, the Kern information desk, and the Commission office in 314 Old Main. Nomination deadline is March 28. For further information, call Minora Sharpe at 863-0405 or 863-7696.

Program on Native American Indians scheduled

The University's Student Hearing Board is celebrating its 20th anniversary by inviting the University community to join in learning about problems that Native American Indians face nationwide at 7:30 p.m. Wednesday, March 27, in the Kern Building Assembly Room at University Park.

The organization is sponsoring a presentation by Rayna Green, director of the American Indian Program for the National Museum of American History, Smithsonian Institution, about social,

educational and healthcare issues affecting Native American Indians.

Ms. Green, of Cherokee and German descent, is a widely known writer, researcher and lecturer in several fields including scientific and technical development in developing communities and nations, policy and program development for Indian tribes and emergent institutions, Native American Indian studies, folklore, American studies, women's studies and ethnohistory.

She also has taught and published widely on Native American Indian women,

women's expressive culture, American folk and popular material culture, applied folklore, folklore and obscenity, folklore and ethics, Native American Indian stereotypes and Native American Indian literature.

The Student Hearing Board has 28 student members and hears disciplinary cases involving incidents occurring in campus residence halls. The organization currently is recruiting new members for next year. For more information, call 865-0181.

Friday, March 22

Department of Exercise and Sports Science, noon to 1 p.m., 108 White Building. Faculty/staff workshop in African dance with Myrna Munchus-Bullock; live drum music by Don Berinato of The Earthtones.

Paul Robeson Cultural Center, 6 p.m., Robeson Center. Dinner and program: "Night out with the Folks."

Saturday, March 23

Caribbean Student Association, 6 p.m., HUB Ballroom. "Caribbean Experience" dinner and dance with music by The Mighty Chalkdust. For information, call Althea Williams at 867-4185 or the Paul

Robeson Cultural Center at 865-3776.

Monday, March 25

Center for Women Studies, 8 p.m., HUB Assembly Room. James T. Sears on "Growing Up Lesbian and Gay in the U.S. South."

Tuesday, March 26

Professional Women at Penn State, 11:45 a.m. to 1 p.m., Frizzell Room, Eisenhower Chapel. Mimi Copersmith-Fredman on "Penn State Trustees: A Woman's Perspective."

Black Studies/Women Studies, 8 p.m., Paul Robeson Cultural Center. Vinnie Burrows' dramatic presentation: "Daughters of the Sun."

University Concert Committee/Alpha Phi Alpha and Beta Sigma Beta, 8 p.m., Rec. Hall. Ebony and Ivory concert featuring rap artists Boogie Down Productions and Queen Latifah.

Wednesday, March 27

Center for Women Studies, noon to 1 p.m., 120 Boucke. Brown bag lunch, Wanda M. Davis on "Commentary on a Journey to Ghana, West Africa."

Office of Religious Affairs, 7 p.m., Paul Robeson Cultural Center. Film and discussion: "Eyes on the Prize Part II," with Rev. Kenneth I. Clarke.

Student Hearing Board, 7:30 p.m., Kern Assembly Room. Rayna Green presentation

on the social, educational and healthcare issues affecting Native American Indians.

Women's Studies, 7:30 p.m., HUB Assembly Room. Faith Ringgold, lecture and slide presentation: "My Work, My Life."

University Concert Committee, 8 p.m., Eisenhower Auditorium. Tito Puente and the Latin Jazz All Stars.

Thursday, March 28

Vice Provost for Underrepresented Groups office, 8 to 9 a.m., Paul Robeson Cultural Center. James B. Stewart invites students, faculty and staff for doughnuts, coffee and dialogue.

Diversity Opportunities Calendar

President Thomas scheduled to speak

President Thomas will address faculty, staff, and students in Eisenhower Auditorium at the University Park Campus at 4 p.m. Thursday, April 4.

The address will be open to the public.

"I have had the opportunity to discuss issues directly with Commonwealth Campus faculty, staff, and students in my ongoing visits to the campuses," Dr. Thomas said. "And although I have addressed the University Faculty Senate at University Park a number of times

during my first seven months at Penn State, I feel a need to address faculty, staff, and students at University Park."

Dr. Thomas is expected to share the goals and values he brings to the Penn State presidency and to outline the circumstances under which the University will continue to advance.

Although classes will not be canceled for Dr. Thomas's remarks on April 4, all faculty, staff, and students at University Park are encouraged to attend, schedules permitting.

Workshop will examine campus violence

With campus violence on the rise, student services personnel nationwide will meet at Penn State next month to develop strategies to combat it.

"College and university staff find themselves dealing with roommates who fight over the last hot dog, students who yell racial epithets out of their residence hall windows, threats and harassment of residence hall staff, and defaced posters advertising programs on gay and lesbian issues," Deborah Hamilton, conflict management specialist in the Center for Conflict Management, said.

In response, the American College Personnel Association and Penn State's Center for Conflict Management will hold a one-day workshop, "Campus Violence Redefined: A Workshop for Campus Leaders," for those who have responsibility for creating a nonviolent campus and intervening when violence does occur. It will be held April 12 at the Holiday Inn in State College.

To register, contact the Center for Conflict Management at Penn State, 101 Boucke Building, University Park, PA 16802, or call (814) 863-2918.

Dr. Thomas

Continued from page 1.

These funds include:
- \$10.8 million for agricultural science facilities. This will go toward significant upgrading in the poultry, dairy and greenhouse facilities and is part of the state matching requirement for the federally funded Agricultural Sciences Building, which recently was completed.

- \$1.1 million for airport projects. These funds represent the local share toward major expansion of the airport terminal and

enhancements of the overall airport operation.

- \$2.9 million for a coal de-sulfurization center. This center will house research programs dealing with making coal a more competitive fuel source for future generations.

- \$16.8 million for the initial phases of the academic/athletic convocation and events center. This will be a joint effort with the University. The state authorization for the long overdue project is \$33.8 million. The center is expected to cost \$50 million to \$55 million. Penn State has agreed to raise private dollars to help finance the multipurpose center.

Dr. Thomas said Penn State is very

U.S. Chamber president will serve on Smeal College board

Richard L. Leshar, president and chief operating officer of the U.S. Chamber of Commerce, has agreed to serve on the Board of Visitors of the Smeal College of Business Administration.

Formed in 1990, the board is an executive-level panel of distinguished individuals from the business community and the judiciary designed to provide counsel to the college. Frank P. Smeal, a limited partner with Goldman, Sachs Group Ltd., is chairman.

Dr. Leshar received a master's degree in business administration in 1960 and was named a Penn State Alumni Fellow in 1980. He also holds a doctoral degree from Indiana University and a bachelor's degree from the University of Pittsburgh.

He has served as U.S. Chamber president for more than 15 years, during which time he has been a leading advocate for business and the free-market system.

Dr. Leshar became president of the U.S. Chamber in 1975, having previously served as president of the National Center for Resource Recovery. Prior to that, he was a business consultant and, from 1964 to 1969, was part of NASA's top management



Richard L. Leshar

team. He also has been a member of the faculty at Ohio State.

The U.S. Chamber of Commerce is America's largest business federation, with more than 180,000 organizations and companies as members.

pleased to receive the capital project funds. He said the role of the University generated funds in projects such as the multipurpose center "is increasingly important in moving them forward. We

have pledged similar joint funding packages to encourage the Commonwealth to release design funds for the addition to Pattee Library and the construction of an engineering building at University Park."

Trustees

Continued from page 1.

Plan 1 (21,500 points): \$1,715 including Meal Plan 2 (26,500 points): \$1,765 including Meal Plan 3 (31,500 points): \$1,805 including Meal Plan 4 (35,500 points): \$1,835 including Meal Plan 5 (38,500 points).

Students may choose from five meal

plans offering from 21,500 to 38,500 points. Points are deducted from the plan based on each meal eaten in a dining hall or foods selected in other campus eateries.

Plan 1 translates into seven to eight meals a week. Plan 2 -- nine to 10 meals a week. Plan 3 -- 11 to 12 meals a week. Plan 4 -- 13 to 14 meals a week; and Plan 5 -- up to 16 meals a week.

Focus on Diversity cont.

Emotional healing

Chi Sigma Iota Counseling Academic and Professional Honor Society International and the Department of Counseling Psychology, Counselor Education and Rehabilitation Services Education are co-sponsoring a workshop titled "Voodoo vs. Valium: A Discussion of Emotional Healing Across Cultures" at 11:30 a.m. Friday, March 22, in the Fizzell Room of Eisenhower Chapel at University Park.

Keynote speakers are Clemmont Vontress of George Washington University, a noted scholar in the field of crosscultural counseling, who will discuss "Traditional Healing in Sub-Saharan Africa," and Edwin Herr, distinguished professor and head, Department of Counseling Psychology.

Counselor Education and Rehabilitation Services Education, who will discuss "International Perspectives on Counseling and Mental Health."

The workshop also will include a luncheon and initiation ceremonies for members of the Rho Alpha Mu chapter of Chi Sigma Iota. For preregistration forms, contact James Herbert at 863-3421. The workshop fee is \$10 in advance and \$12 at the door (space permitting).

Artist to lecture

Internationally known artist Faith Ringgold will present a slide lecture of her life and work at 7:30 p.m. Wednesday, March 27,

in the Assembly Room of the Hetzel Union Building at University Park.

Ms. Ringgold is one of the first African-American women artists in a position to bring black history and sensibility to cross-cultural public consciousness. Her work in painting, quilting and soft sculpture describes her life and relationships in the context of political and social commentary.

Ms. Ringgold is known for her innovative "story quilts," which include a painting and have a related story written on them.

Her lecture is sponsored by Penn State's Equal Opportunity Planning Committee, the School of Visual Arts, the Central Pennsylvania Festival of the Arts and Women of Color.

A reception for the artist will be held in the HUB Formal Gallery. The lecture and reception are free and open to the public.

Lecture series

James T. Sears, associate professor in the Department of Educational Leadership and Policies at the University of South Carolina, will speak on "Growing Up Lesbian and Gay in the U.S. South" at 8 p.m. Monday, March 25, in the HUB Assembly Room at University Park.

The lecture is part of the "Contemporary Scholarship on Lesbian and Gay Lives" lecture series which features pioneers in the development of lesbian and gay studies.

Dr. Sears' studies examine how reform and leadership can be used to address issues of homosexuality in educational environments.

The last lecture of the series, "In the Life: The Courage of Lesbians and Gay Men of Color," will be presented by Barbara Smith at 8 p.m. Thursday, April 11, in the HUB Assembly Room.

Faculty members honored for teaching and advising

Teaching fellow

George B. Kleindorfer, professor of quantitative business analysis in the Smeal College of Business Administration, will receive the 1991 Penn State Teaching Fellow Award at the University Awards Convocation April 7.

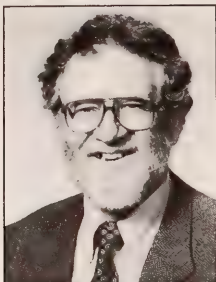
The award, jointly sponsored by the Penn State Alumni Association, the Undergraduate Student Government and the Graduate Student Association, recognizes and encourages excellence in the classroom.

In nominating him for the award, colleagues cited Dr. Kleindorfer for his creativity, breadth of knowledge and inquiry, commitment and sense of humor. Students cited his willingness to work with them one-on-one and his ability to make intricate topics understandable and exciting.

Dr. Kleindorfer, 55, has teaching and research interests that range from mathematics to the philosophy of science, the environment to education, the humanities to public policy.

"I look on teaching as a chance to have exciting conversations with bright people about interesting subjects," he said. "How could there be anything better than this?"

"In the give and take of conversation, there is the personal contact, the chance to joke or tease, the moment when something beautiful comes out of the subject being studied. There's also a chance to challenge and to bring ideas



George B. Kleindorfer

into relief that can slap an intelligent student between the eyes."

He was recognized for teaching excellence in 1987 with the AMOCO Foundation Award and, last year, received the J. Fred Brand Award as the Smeal College's outstanding faculty adviser.

He holds a bachelor's degree in electrical engineering from the University of Notre Dame, a doctor of laws from Georgetown University, a master of science in mathematics from Howard University and a doctoral degree in industrial administration from Carnegie Mellon University.

Excellence in advising

Paul R. Shellenberger, professor of dairy science in the College of Agriculture, is the recipient of the 1991 Penn State Excellence in Advising Award.

He will receive the award, which includes a plaque and cash gift, at the University Awards Convocation at 2 p.m. Sunday, April 7, in Eisenhower Auditorium at University Park.

The award was established by the Undergraduate Student Government's Academic Assembly and is sponsored by each college to encourage advising excellence. It is presented annually to honor full-time faculty members involved in helping students with academic and career guidance, decision-making and goal-setting. Another important criterion considered is the enthusiasm of the faculty adviser.

Known for his dedication to teaching and advising students, Dr. Shellenberger uses a personal approach in dealing with the 45 students majoring in dairy and animal science and animal bioscience he advises each year. He establishes a personal relationship with each student and lets them know he cares and is available and willing to talk with them.

One of his advisers says, "He is genuinely concerned about the welfare of his students. Whether it be a classroom setting or in an advising capacity, Dr. Shellenberger is always willing to answer questions or discuss concerns. As my adviser, he has taken



Paul R. Shellenberger

an active interest in my career aspirations and has discussed with me possible alternatives to my career goals."

An adviser to students in dairy production fields since 1967, when he joined the University faculty, he also serves as an adviser for the Summer Counseling Program for Entering Freshmen. He helps all students pursuing studies in the Department of Dairy and Animal Science register for their first semester.

Dr. Shellenberger earned bachelor and master of science degrees in dairy science-production from Penn State in 1957 and 1959, respectively, and a Ph.D. in animal nutrition from Iowa State University in 1964.

News in Brief

McKinley Conference

The 1991 McKinley Conference will be held Friday, March 22, in Room 115 Beam Business Administration Building at University Park.

Featured speaker will be Morris A. Cohen, of the Decisions Sciences Department at the Wharton School of the University of Pennsylvania. He will discuss "Global Manufacturing Strategy Analysis: Research Perspectives."

Healthpass anniversary

Healthpass IPA will celebrate its fifth anniversary on Friday, March 22, by hosting a medical conference at Tollfree Hotel, Resort and Conference Center in State College.

The afternoon conference will feature faculty members from the Hershey Medical Center speaking about a variety of timely medical subjects.

Professional Women at Penn State
Mimi Coppersmith-Fredman, president of the Board of Trustees, will discuss "Penn State's Trustees: A Woman's Perspective" at a meeting of Professional

Women at Penn State at 11:45 a.m. Tuesday, March 26, in the Frizzell Room at the Eisenhower Chapel, with an opportunity for informal networking.

Professional Women at Penn State is a grass-roots group coordinated by University women in which participants can develop and maintain a communications network and serve as a resource for other Penn State women. The group welcomes attendance from all classifications at the University.

Guest speaker

Helen Alvarez, spokeswoman on life issues for the National Conference of Catholic Bishops, will discuss "Social Policy for Women: The Life Issues in the Catholic Church" at 7:30 p.m. Tuesday, March 26, in Room 112 Kern Graduate Building at University Park.

Her talk is sponsored by the St. Thomas More Association and the Newman Catholic Student Association.

Roundtable series

John Milner, professor and head of the Department of Nutrition, will lead a

lunchtime roundtable sponsored by the Penn State Chapter of the National Association of Science Writers at 11:45 a.m. Wednesday, March 27, in Room 313 Kern Building at University Park. He will lead a discussion on "Garlic, Selenium and the Media."

The Penn State Chapter of the National Association of Science Writers meets for lunch and discussion on the last Wednesday of each month during the academic year. The brown bag lunchtime roundtable series is open to anyone interested in science communication. For more information, contact Barbara Hale, 865-2407.

Office personnel award

April 7 is the deadline for submission of nominations for the sixth annual Outstanding Office Personnel Award sponsored by the Penn State Chapter of Educational Office Personnel (PSEOP). PSEOP established the award to give recognition to University staff who have provided exceptional meritorious service on behalf of Penn State.

For a nomination form, contact your

personnel representative or Rosalie Villanova, chairperson, Nomination Committee, PSEOP, at (215) 889-1300.

Penn College enrollment

Pennsylvania College of Technology's spring semester enrollment figures show a 9-percent increase over last spring. The number of full-time equivalent students enrolled this semester is 3,012.

Since the spring semester of 1987, the College has achieved a cumulative spring semester enrollment increase of 39.5 percent.

Cooperative agreement

Penn State and Clarion University recently marked the inauguration of a cooperative agreement on a doctoral program.

Under the agreement, science education graduate students at Clarion can complete coursework beyond the master's degree, and have it apply toward a doctorate in curriculum and instruction at Penn State with an emphasis in science education.

From the Trustee Docket

Private giving

Seven months into the fiscal year, private gift support to the University totaled \$37 million and is almost even with last year's record pace, the Board of Trustees has learned.

Giving is up or virtually unchanged in all but one category through Jan. 31, according to G. David Gearhart, senior vice president for development and University relations.

"This is good news," Dr. Gearhart said. "In the face of a soft national economy, the war in the Persian Gulf and the historical tendency for private giving to decline

somewhat in the wake of a fund-raising campaign, we're pleased that private giving is doing this well."

At the same point last year -- in the final phase of the six-year Campaign for Penn State -- the University had raised \$38.3 million.

The University's private giving totals include only gifts actually received. Unpaid pledges are not included in the totals.

Alumni giving reached \$10.2 million as of Jan. 31, compared with \$7 million last year.

Foundation giving climbed to \$7 million, compared with \$4.3 million last year.

Gifts from associations and organizations increased to \$4.3 million, compared with \$3.5 million last year.

Giving by non-alumni friends of the University stood at \$4.6 million, the same total as last year.

The only area seeing a drop is corporate contributions, which are running about 43 percent behind last year's pace. As of Jan. 31, corporate philanthropy stood at \$10.9 million, compared to \$19 million at the same point the previous year. Last year's figure, however, included a \$6.6 million computer gift from IBM.

"There's no question the current

economic uncertainties are having an effect on corporate philanthropy," Dr. Gearhart said. "In an uneasy economy, corporate giving is typically one of the first things to be reined in."

Dr. Gearhart noted that the University will continue vigorous efforts to attract private funds.

"Given the economic picture in the Commonwealth of Pennsylvania and the budget cutbacks the University now faces, private gift support becomes more important than ever in maintaining academic quality," he said.

See related stories on page 9.

Construction projects

The Board of Trustees has approved the next steps for several proposed construction projects. Approved were:

- Sketch-preliminary plans for an expansion to the study and learning center at the Penn State Beaver Campus. The additional space is needed for student organization activities, student programs and services and conference space.

- Approximately 20,000 square feet will be added to the two-level structure, and 2,160 square feet of the existing building will be renovated. Among the additions will be a 406-seat sloped-floor auditorium on the ground floor. The total project budget is \$2,850,000.

- Sketch-preliminary plans for a four-level science and technology center at the

Penn State New Kensington Campus. The proposed facility will be attached to the south side of the existing library and will have approximately 14,230 square feet.

The new center will include a 150-seat lecture room, offices, study rooms, student lounge and audiovisual suite. The total project budget is \$1,650,000.

- Final plans for a new library at the Penn State Schuylkill Campus. The new 22,600-square-foot building also will house a learning center, which can be used independently of the library. The total project budget is \$2,600,000.

- Final plans and authorization for obtaining bids for the proposed Malet Building at University Park. The building will accommodate the Hotel, Restaurant and Institutional Management program.

The building will be connected to the

Keller Building by two corridors. The structure will have two floors and a partial basement with a total of approximately 39,400 square feet. The building will have a steel structure with a brick and glass exterior to harmonize with the adjacent Keller Building.

- In addition to classrooms, laboratories, kitchens and offices, the facility will include a dining area with seating for 150 people. The total project budget is \$6,000,000.

- Revised sketch-preliminary plans for the University Physicians Center II at the Hershey Medical Center.

The proposed facility will house physician and outpatient services separate from the hospital and academic areas. This phase will complement University Physicians Center I, which opened in late 1988.

The 137,000-square-foot building will have four floors plus a ground floor and large basement storage area. It will be connected to Center I by an enclosed pedestrian walkway and to the Hospital East Addition by an enclosed pedestrian bridge.

Program areas will include surgery, radiology imaging, pharmacy, pediatrics, dialysis, shared teaching and support services, medical records, endoscopy and bronchoscopy, neurology, hematology and oncology, support services and ancillary services.

- Authorization for the University to award contracts for the proposed addition to the Palmer Museum of Art at University Park and the Academic Building and student housing at the Penn State Berks Campus.

Education programs

Building on the strengths of its 50-year tradition in advertising, the School of Communications has developed its first graduate degree program in advertising.

The new advertising program and name changes for several other education programs have been reported to the Board of Trustees.

The School of Communications' proposal

for a master of arts degree in advertising was approved by the University's Graduate Council Jan. 16.

It is designed for students who have either an undergraduate degree in advertising or a degree in another field, coupled with professional experience in advertising. The graduate program will prepare students to advance the state of knowledge of advertising and its role as a social, cultural, economic and political force

in society.

Trustees also heard about name changes to three undergraduate programs and two graduate programs.

The College of Health and Human Development also has changed the name of its option in environmental interpretation to the option in outdoor recreation and environmental interpretation, making the name consistent with related changes in course requirements for the option.

The second name change for a graduate program involves the intercollegiate graduate program in solid state science, which has been renamed the intercollegiate graduate program in materials. The new name is more representative of the wide range of fields covered by the program, including ceramics, chemistry, chemical engineering, engineering science and mechanics, geosciences, geophysics, mechanical engineering, metals, physics and polymers.



Graduate Research Exhibition

Appalachian bedrock fractures, a zero-gravity locomotion simulator, attitudes toward television viewing and other research will be on display in the Graduate Research Exhibition from 10 a.m. to 4 p.m. on Friday and Saturday, March 22 and 23, in Kern Graduate Lobby at University Park.

Celebrate the Family

The seventh annual Celebrate the Family Conference will be held April 3-5 at the Keller Conference Center at University Park.

James E. Van Horn, professor of rural sociology and the conference chairperson, expects more than 500 professionals in fields dealing with family issues to attend the annual conference, sponsored by the College of Agriculture and Penn State Cooperative Extension and co-sponsored by the College of Health and Human Development.

David Olson, professor in the Family Social Science Department at the University of Minnesota and Penn State alumnus, is keynote speaker.

To register for the conference, call 865-8301.

Focus on the arts

The arts on Channel 3

American Playhouse, public television's award-winning weekly, drama anthology series, will launch its 10th anniversary season with a special premiere week in which two Broadway blockbusters will be broadcast: the Stephen Sondheim/James Lapine musical "Into the Woods" and the Steppenwolf Theatre Company's adaptation of John Steinbeck's "The Grapes of Wrath."

"Into the Woods," the 1988 Tony Award-winning musical co-starring Bernadette Peters and Joanna Gleason, will kick off the 10th season from 8 to 11 p.m. Thursday, March 21, on WPSX-TV.

"The Grapes of Wrath," the 1990 Tony winner for Best Play, starring Tony nominees Gary Sinise, Lois Smith and Terry Kinney, will air at 9 p.m. Friday, March 22. John Steinbeck's powerful story about the Joad family's flight from Oklahoma's dust bowl to California's promised land during the Great Depression was adapted for the stage by the Steppenwolf Theatre Company of Chicago.

Contemporary Dance Co.

The Contemporary Dance Company will present its 18th annual spring concert at 8 p.m. Friday, March 22, and at 2:30 and 8 p.m. Saturday, March 23, in Eisenhower Auditorium.

New pieces, as well as selected works from repertoire, will be presented. Tickets are \$6 for general admission and \$5 for students at the evening performances, and \$5 for general admission and \$4 for students at the matinee. Contemporary Dance Company is sponsored by the College of Health and Human Development.

Choir concert

The Penn State University Choir and the University of Pittsburgh Heinz Chapel Choir will present a free joint concert at 8 p.m. Saturday, March 23, in the School of Music Recital Hall at University Park.

The choirs will perform double choir selections by Gabrieli and Jakob Handl and other selections by Tchesnokov and Clausen.

The University Choir Chamber Ensemble, directed by assistant conductor Russell Shelley, also will take part in the program.

The arts at...

Schuylkill Campus

Post Maxine Kumin will lecture and recite several of her poems at 8 p.m. Monday, March 25, at the Penn State Schuylkill Campus.

Ms. Kumin was born in Philadelphia and received her bachelor of arts and master of arts degrees in English from Radcliffe College. Her appearance is part of the Schuylkill Lecture Series.

Philharmonic Ball

The Penn State Philharmonic will present its third annual Philharmonic Ball from 8 to 11 p.m. Saturday, March 23, at the Paul Robeson Cultural Center at University Park.

The ball is held annually to raise funds for the orchestra's European tours.

Tickets are available in Room 221, School of Music Building, from 10 a.m. to noon Monday through Friday, as well as at the door the evening of the ball. Call 863-0060.

Mozart orchestra

The University's Mozart Chamber Orchestra will perform in concert at 4 p.m. Sunday, March 24, in the School of Music Recital Hall at University Park.

The Mozart Chamber Orchestra, directed by Alex Hill, a master of music conducting candidate, was organized in fall 1990 and includes 10 to 25 music and non-music majors.

Brown bag luncheon

Monique Yaari, associate professor of French, will give a talk on "French Postmodernism: Art and Architecture," as part of the Comparative Literature brown bag luncheon series at 12:15 p.m. Monday, March 25, in 101 Kern Building at University Park.

Those interested in attending the lecture only should arrive before 12:45 p.m. Coffee and tea will be provided.

Jazz bands to perform

Penn State's Inner Dimensions and Outer Dimensions jazz bands will present their annual spring concert at 8 p.m. Monday, March 25, in the School of Music Recital Hall at University Park.

Outer Dimensions, directed by Howard Lamb, will open the concert with jazz classics such as Sammy Nestico's "Tall Cotton" and Bob Florence's "Wide Open Spaces." Featured soloists will include trombonists Tim McKay and John Davis.

The second half of the program features Inner Dimensions, directed by Jeffrey Kunkel. The group's performance will include John Fedchock's "Latin Import" and Mr. Kunkel's "Midnight Run." Featured soloists include saxophonists Greg Bloy and Brian Watson.

Art exhibit

An exhibition of work by graduate students in art education will open March 25 and continue through April 26 in the Chambers Gallery at University Park.

The show incorporates a variety of media and styles, including painting, photography, sculpture, ceramics, fiber art and drawing. Works in the exhibition were created by students from Canada, Egypt, Saudi Arabia and the United States.

Chambers Gallery is located on the second floor of the Chambers Building. The



Vinie Burrows will present a dramatic performance of "Daughters of the Sun" at 8 p.m. March 26 at the Paul Robeson Cultural Center.

gallery is open 8 a.m. to 5 p.m. Monday through Friday.

German rock music

The German Department is sponsoring an exhibit, "Gefühl und Harte: Zur Geschichte der deutschen Rockmusik" ("Tough and Tender: The History of German Rock Music"), in the Formal Gallery of the Hetzel Union Building at University Park from March 25 to April 28.

The exhibit, provided by Germany's Goethe Institute, consists of 27 posters, a videotape of rock performances, and accompanying lyrics, which together present an overview of the styles and stars of rock in Germany from the beginnings to the present. English translations are provided for all German materials.

"Outside the English-speaking world, the best and the most politically volatile rock has probably come from Germany," explains Thomas Beebe, assistant professor of comparative literature and German, and curator of the exhibit.

At 8 p.m. March 25, Dr. Beebe will kick off the exhibit with a lecture/demonstration titled "German Rock: Tough, Tender, and Timely" in the Formal Gallery in the HUB.

Art history lecture

Annabel Jane Wharton, associate professor of art history at the University of Chicago, will present "The Politics of Architecture: Architectural History as Politics" at 8 p.m. Tuesday, March 26, in 112 Walker Building at University Park.

The lecture is part of "The Art of Interpreting" series sponsored by the Department of Art History and the Institute for the Arts and Humanistic Studies.

Dr. Wharton is the Byzantine editor of *Greek, Roman and Byzantine Studies* and has

been president of the Byzantine Studies Conference.

The lecture is free and open to the public.

Odyssey on WPSU

"Translation is interpretation - and in some cases, a fairly radical departure from the original," agrees Johann Pillai on the next episode of "Odyssey Through Literature."

Mr. Pillai, a graduate student in comparative literature at SUNY-Buffalo, discusses with host Leonard Rubinstein the unique relationship between a written work and the translation and interpretation of that work, citing Edgar Allan Poe's poem "The Raven" as an example.

"Odyssey Through Literature" is produced by the Department of Comparative Literature in the audio-production studios of WPSU-TV. It airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Tito Puente

Tito Puente, the 1991 Grammy Award winner, brings his spicy Latin jazz to the University at 8 p.m. Wednesday, March 27, in Eisenhower Auditorium at University Park.

His eight-member ensemble uses bongos, congas, piano, saxophone and other musical instruments to create its special sound. The performance is presented by the Center for the Performing Arts.

Tickets are available at the Eisenhower Auditorium Ticket Office. Call 863-0255.

Music lecture

Bennett Reimer, of Northwestern University, will present "What We Know When We Know Music: What We Teach When We Teach Music" at 8 p.m. Thursday, March 28, in the School of Music Recital Hall at University Park.

The lecture is last in the School of Music's inaugural lecture series "Music Today: 1990-91."

Dr. Reimer is the John W. Beattie Professor of Music and director of the Center for the Study of Education and the Musical Experience at Northwestern. He is widely known for his work in the area of aesthetic education.

The lecture is free and open to the public.

Bach's Lunch

Nine voice students from the studio of Suzanne Roy of the School of Music faculty, will perform Lent and Holy Week music in concert at 12:10 p.m. Thursday, March 28, in Eisenhower Chapel at University Park. The 20-minute concert is part of the Bach's Lunch Concert series sponsored by the School of Music and the University Lutheran Parish.

The program will include selections by Bach, Brahms, Handel and Mendelssohn.

See page 8 for more arts stories.

University Park Calendar

March 21-
March 31

Special Events

Thursday, March 21

Bach's Lunch Concert, 12:10 p.m., Eisenhower Chapel, Mallet Ensemble.
Career Development and Placement Services, open house, 2-6 p.m., 410 Boucke.
■ Fulbright Informal Lecture Series, 3:30-4:30 p.m., 222 Boucke. Dr. Kodangala Ramachandrarach, Karnatak Univ., India, on "The Nature and Plight of Creativity."
Center for the Performing Arts, Spalding Gray, film and discussion, 8 p.m., Schwab Aud. *Sweeney in Cambodia*.

Friday, March 22

McKinley Conference, 9:15 a.m.-4 p.m., 115 Beam Bus. Admin.
■ Workshop, 11:30 a.m., Frizzell Room, Eisenhower Chapel, "Voodoo vs. Valtum: A Discussion of Emotional Healing Across Cultures." Call 863-3421.
Geog. Coffee Hour, 4 p.m., 319 Walker. Gene Keluche, International Conference Resorts Inc., on "Management of Native American Natural Resources."
Center for the Performing Arts, 8 p.m., Schwab Aud. Spalding Gray on "The Monologue: Monster in a Box."
Contemporary Dance Co., spring concert, 8 p.m., Eisenhower Aud. Also 2:30 and 8 p.m. March 23.

Saturday, March 23

Shaver's Creek, Maple Harvest Festival, 11 a.m.-4 p.m. Also March 24. Call 863-2000.
■ "Caribbean Experience," 5:30 p.m., HUB Ballroom.
School of Music, 8 p.m., Recital Hall. Penn State University Choir, Univ. of Pittsburgh Choir.
School of Music, 8 p.m., Paul Robeson Cultural Center. Penn State Philharmonic Ball.
Sunday, March 24
Carnegie Hall Film Series, 7 p.m., *Young Mr. Lincoln* (1939); 9 p.m., *The Landlord of the Long Delta River* (1962), 108 Wartik. Free.
School of Music, 8 p.m., Recital Hall. Mozart Chamber Orchestra and Chamber Singers.

Monday, March 25

■ Comp. Lit. Luncheon, 12:15 p.m., 101 Kern. Monique Yaari on "French Postmodernism: Art and Architecture."
Contemporary Scholarship on Lesbian and Gay Lives, lecture, 8 p.m., HUB Assembly Room. James T. Sears, Univ. of South Carolina, on "Growing Up Lesbian and Gay in the U.S. South."
School of Music, 8 p.m., Recital Hall. Jazz II and III.
■ German Dept., 8 p.m., HUB Formal Gallery. Dr. Thomas Beebe on "German Rock: Tough, Tender and Timely."

Tuesday, March 26

Professional Women at Penn State. Brown-Bag Lunch meeting, 11:45 a.m., Frizzell Room, Eisenhower Chapel. Mimi Coppersmith-Fredman on "Penn State's Trustees: A Woman's Perspective."
Talk, 7:30 p.m., 112 Kern. Helen Alvarez, National Conference on Catholic Bishops, on "Social Policy for Women: The Life Issues in the new Catholic Church."
Art of Interpreting, 8 p.m., 112 Walker. Annabel Jane Wharton, Duke Univ., on "The Politics of Architecture: Architectural History as Politics."



Steven Kondra's paintings are on display in Pattee Library's East Corridor Gallery through April 12.

Wednesday, March 27

Luncheon Roundtable, 11:45 a.m., 313 Kern. Dr. John Milner on "Garlic, Selenium and the Media."
School of Visual Arts, lecture, 7:30 p.m., HUB Assembly Room. Faith Ringgold, artist, on "My Work, My Life."
■ Center for the Performing Arts, 8 p.m., Eisenhower Aud. Tito Puente and the Latin Jazz Allstars
Music Lecture Series, 8 p.m., Recital Hall. Bennett Reimer, Northwestern Univ., on "What We Know When We Know Music: What We Teach When We Teach Music."

Thursday, March 28

Bach's Lunch, 12:10 p.m., Eisenhower Chapel. Voice Students of Suzanne Roy: Lenken Music.

Friday, March 29

Geog. Coffee Hour, 4 p.m., 319 Walker. Vera Mark on "Cultural Pastiches: Intertextualities in the Monarchbait Lias' Festival Narratives."

Sunday, March 31

Carnegie Hall Film Series, 7 p.m., *The Women* (1939); 9:15 p.m., *The Hound of the Baskervilles* (1959), 108 Wartik. Free.

Conferences

Continuing Education

Book Building

March 15-16, Microcomputer Information Exchange Program. Kyle Peck, chair; Donna Ricketts, coordinator.

Seminars

Thursday, March 21

Physics Colloquium, 3:30 p.m., S5 Osmond. Dr.

A.M. Polyakov, Princeton.

History Colloquium, 4 p.m., Eisenhower Chapel. Steven Andrews on "Paracelsus and the Four Pillars of Medicine."

Science, 4 p.m., 325 Whitmore. Robert Schapire, Harvard, on "The Design and Analysis of Efficient Learning Algorithms."

Mechanical Engineering, 4 p.m., 103 Mech. Engr. Dr. Fred Bowman, Harvard-MIT, on "Continuous Quantification of Perturbation Using Thermal Techniques."

Gerontology Center Colloquia, 4 p.m., 106 Mitchell. Pearl German, Johns Hopkins, on "Current Health Services Research in the Elderly Population."

Graduate Program in Ecology, 3:45 p.m., 8 Mueller. Dr. Peter B. Reich, Univ. of Wisconsin, on "Leaf Life Span as an Integrator of Leaf, Plant and Stand Level Processes in Diverse Ecosystems and Biomes."

Friday, March 22

Agromony, 3:35 p.m., 107 Ag Science and Industries. Barbara Penzacker on "Analysis of Photosynthesis in Resistant and Susceptible Alfalfa Clones Infected With *Verticillium Alfabum*."

Monday, March 25

Entomology, 3:45-4:45 p.m., 204 Patterson. Elson J. Shields, Cornell, on "Predicting Long-Range Movement of Potato Leaf Hopper: Is it a Reality?"

Computer Science, 4 p.m., 325 Whitmore. Bruce Holmer, UC Berkeley, on "The Architecture and Design of Pipelined Microprocessors."

Tuesday, March 26

Chemical Engineering, 2:45 p.m., 140 Fenske. John E. Anderson, Union Carbide Industrial Gases Inc., on "Basic Studies and Applications of Oxygen Jets in Combustion."

Chemistry Colloquium, 3:30 p.m., S5 Osmond. William L. Jorgensen, Yale, on "Insights on

Molecular Recognition from Computer Simulations."

Geosciences Colloquium, 3:45 p.m., 112 Walker. Steve Mackwell.

Graduate Program in Nutrition, 4 p.m., 101 Althouse Lab. Mark I. Friedman, Monell Chemical Senses Center, on "Metabolic Control of Food Intake."

Biology, 4 p.m., 8 Mueller. David Kraus, Univ. of Alabama, on "Oxygen and Sulfide Binding by Clam Hemoglobins: A Division of Labor within a Symbiosis."

Condensed Matter Physics, 4 p.m., 339 Davey. Dr. Roger Haydock, Oregon, on "Quantum Conductance in the Presence of Border."

Thursday, March 28

Combustion and Propulsion, 11 a.m., 501 Keller. Dr. Nicholas E. Gallopoulos, General Motors Research Labs, on "Improving Internal Combustion Engines through Experimentation and Mathematical Modeling."

Physics Colloquium, 3:30 p.m., S5 Osmond. Robert W. Field, MIT, on "Dynamics Encoded in Eigenstate and Continuum."

Graduate Program in Ecology, 3:45 p.m., 8 Mueller. Dr. Michael Steele, Wilkes Univ., on "Termin and Partial Consumption of Acorns by Squirrels: Evidence for a New Mode of Seed Dispersal."

Friday, March 29

Agromony, 3:35 p.m., 107 Ag Science and Industries. Dr. Jay Harper on "IPM Adoption and Pesticide Use in Pennsylvania."

Exhibits

Chambers Gallery

Art Education Graduate Students exhibition, through April 26.

HUB Galleries

Art Alley Cases:

Joe Royby, paintings, through March 27. Ann-Lise Dearing, ceramics, through March 27.

Browsing Art Gallery:

Dept. of Corrections Inmate Art exhibit. "Impressions," through March 31.

Formal Gallery:

■ "Gefühl und Harte: Zur Geschichte der deutschen Rockmusik" ("Tough and Tender: The History of German Rock Music.") March 25-April 28.

Kern Gallery

Graduate Research Exhibition, 10 a.m.-4 p.m., Kern Lobby, March 22-23.

Palmer Museum of Art

Abstracting the Landscape: The Artistry of Landscape Architect A.E. Bye, through March 30.

Pattee Library

Lending Services Gallery:

Mark A. Dellert, "New Developments," through April 21.

East Corridor Gallery:

Steven Kondra, pastels, oils and watercolors, through April 12.

West Lobby Gallery:

Jennifer Nelson, photographs, through March 30.

Zoller Gallery

Undergraduate Juried Exhibition, through March 29.

■ Reflects an international perspective

Appointments

Mark D. Erstling, broadcast manager for WGBY-TV in Springfield, Mass., has been named manager of WPSX-TV, Penn State Television, and assistant general manager, University Division of Media and Learning Resources.

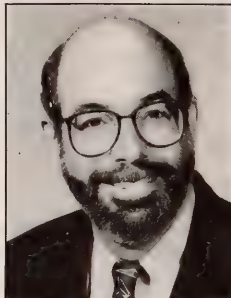
Mr. Erstling has worked in television for more than 18 years, serving the past 11 years as broadcast manager for public television station WGBY-TV. While there, he was responsible for broadcast scheduling, program development, and production services. He will begin his new responsibilities at WPSX-TV on April 14.

Mr. Erstling has been the recipient of numerous awards including an Emmy, an Ohio State Award, an Associated Press Award, and a Corporation for Public Broadcasting local program award.

Marylouise F. Martz has been named coordinator of health services at Penn State Harrisburg.

She provides health counseling, health services, and treatment of health related problems for students, staff, and faculty.

Prior to her appointment, Ms. Martz was a substitute health nurse at the college and



Mark D. Erstling

an adjunct staff member at the WOMANCARE Resource Center-East. She also was a national trainer for the SBI Corp. in Carlisle, where she trained Motherwell Fitness instructors in exercise technique and physiology.



Marylouise F. Martz

Ms. Martz is a 1977 graduate of the York Hospital School of Nursing. She holds a bachelor of science in nursing from Messiah College, where she had a double major in nursing and psychology.

Theresa A. Nagy has been appointed director of academic affairs at the Penn State Fayette Campus.

Dr. Nagy graduated with a B.S. in physics and mathematics from West Liberty State College. She also holds an M.S. in cosmic ray physics and mathematics from Texas A&M and a doctorate in astronomy/astrophysics from the University of Pennsylvania.

Dr. Nagy also has performed graduate work in nuclear physics at McMaster University. In 1990, West Liberty State College bestowed an Honorary Doctorate of Humane Letters on her.

Prior to joining the University, Dr. Nagy was employed by NASA in Washington, D.C., as acting branch chief for the Astrophysics Advanced Programs and Technology Division. From 1983 to 1987, she served as chairperson of the Department of Physics at Indiana State University.

Dr. Nagy is a member of numerous national honorary research and scientific societies and is listed in several "Who's Who" directories throughout the United States and Canada.

Arts cont.

Art exhibit

The 11th annual Department of Corrections Inmate Art Exhibit will be on display in the HUB Browsing Art Gallery at University Park through March 31. The exhibit titled "Impressions" will feature art from 14 correctional institutions in Pennsylvania.

Judges select the top 12 paintings in the exhibit for reproduction in the annual Department of Corrections Inmate Art

Calendar. Those selected receive a certificate from the commissioner and \$75.

Pattee exhibit

Works by Steven Kondra are on display in Pattee Library's East Corridor Gallery through April 12. The exhibition includes 28 pieces done in pastel, oil, and watercolor.

Mr. Kondra, born in Hungary, explains that he paints and sketches whatever is beautiful and captures his interest.

'New Developments'

Mark A. Dellert's exhibition "New Developments" is on display in Pattee Library's Lending Services Gallery through April 21.

"New Developments" is a group of 10 images from a larger body of work documenting the new housing and commercial developments that are consuming the remaining farm land in and around State College. This group of images focuses largely on the expansion of the

housing units of Foxdale Village Retirement Community.

Photo exhibit

Black and white photographs by Jennifer Nelson are on exhibit in Pattee Library's West Lobby Gallery through March 30.

Ms. Nelson's work has been recognized by *Photographer's Forum* magazine in its 1990 "Best College Photography" contest. She is majoring in art at the University with a concentration in photography and minors in Italian and art history.

Sexual harassment contact persons undergo training

Sexual harassment contact persons have been identified for each academic/administrative unit and each campus. The network is intended to provide faculty and staff members with prompt and knowledgeable access to a sexual harassment resource person.

The 85 contact persons listed below are undergoing training this week for their role in addressing sexual harassment problems brought to their attention.

Following are the sexual harassment contact persons for each unit:

Agriculture, Jeanne L. Price; **Arts and Architecture**, Judith Aronson; **University Arts Services**, Ok. Hi. Lee; **Business Administration**, Janet McGrew; **Earth and Mineral Sciences**, Carol Vonada;

Education, Anna Gajar (faculty), Toni Duchi (staff), E. Kepler Sones (students); **Engineering**, Laura E. Frye, Jo Ann Stephens; **Health and Human Development**, Pamela D. Evans (students), Mary E. Taylor-Nicholson (faculty/staff);

Liberal Arts, Patricia M. Miller, Ronald L. Filippelli; **School of Communications**, Susan Gars; **Science**, Norman Freed, Elizabeth Trimble;

Undergraduate Education, Michael H. Blanco; **Development and University Relations**, Maggie

Crispell; **Vice President of Academic Services**, Gloria Briggs; **Applied Research Laboratory**, Arlene Liddy, Janet Rockey;

Corporate Controller, Jon Nimberger, William Nogroski; **Commonwealth Educational System/University Park**, Angela Brodie, Susan Shuman; **Graduate School (Intercollege Research Programs, University Press)**, Grace Condo;

Rietnor Health Services, Jean Hoffman; **Housing and Food Services**, Jane McLaren, Sylvester E. Roy; **Management and System Engineering**, William Slacey; **Nittany Lion Inn**, Robert Dennehy;

Physical Plant, Dorothy Lyons; **President's Office**, Gabriele Michels; **Budget and Resource Analysis**, Gabriele Michels; **Computer and Information Systems**, Carolyn Brown, John Harwood, Margaret Gearhart;

Human Resources, Rosalie Bloom; **Brooks; Student Services**, Betty Moore; **Business Services and Purchasing Services**, Gregory Ingram; **University Safety**, Pam Gerber; **Intercollegiate Athletics**, Ellen Perry;

International Programs, Maureen Costello;

University Libraries, Cordelia Swinton; **University Bookstore**, Linda Kopp;

Altoona, Mary Jo Borden, Margaret C. Hopfl, W. Dennis Stewart; **Allentown**, Luci Wenczkowski; **Beaver**, Donald Hicks, Donna Kuga, Bob DeVitt, Regina Miller;

Penn State Erie, The Behrend College, Christopher Reber, Mary Beth Peterson; **Berks**, Susan Monk (faculty), Doris Fraser (clerical), Shirley Dautrich (staff);

Penn State Harrisburg, Betty Fortner, Donald R. Holzman; **Delaware**, Charles F. Coleman, Diane Jankowski, Diane Shorter, Nancy Wyatt;

DuBois, Janet Yates; **Fayette**, Patricia Hritz; **Great Valley**, Adele Bane; **Hazleton**, Maureen Gaffney, Cathy Salak;

Hershey Medical Center, Katharine Quinn Vanderau, Louise P. Sowers; **Mont Alto**, Andrea Christopher;

McKeesport, Elsie Boucek; **New Kensington**, Dianna Rumbaugh, Jay Schrader;

Ogontz, Dale Hollenback; **Schuylkill**, Everett F. Binns,

Kathryn M. Melusky; **Shenango**, Phyllis Whitt; **Wilkes-Barre**, Katherine F. Herstek;

Worthington Scranton, Maria Rusconiello, Mary Brown; **York**, Holly Gumke.

Private Giving to Penn State

Campaign for Hershey is announced

Biomedical research building planned for Hershey

The Milton S. Hershey Medical Center has launched the Campaign for Hershey to raise \$10 million in private gifts for a new Biomedical Research Building.

The campaign's chairman is J. Lloyd Huck of New Vernon, N.J., who is chairman of both Nova Pharmaceutical Corp., a development-state biotechnology concern, and Mutual Benefit Life Insurance Co. Mr. Huck also is past president (1988-91) of the University's Board of Trustees.

"Mr. Huck's experience in the pharmaceutical industry gives him insight into the importance of biomedical research, and his distinguished service as a trustee since 1977 has earned him the respect of all alumni and friends of Penn State," President Thomas said.

More than \$5 million has been raised so far, including a \$1 million lead gift from Clearfield newspaper and radio executive William K. Ulerich and his wife, Alethea, to create the Ulerich Ophthalmology Research Center. Mr. Ulerich is president emeritus of the University's Board of Trustees and chaired the board's Hershey Medical Center advisory committee from 1982 to 1985.

Serving with Mr. Huck on the Campaign for Hershey campaign committee are:

— **William H. Alexander** of Hummelstown, chairman of H.B. Alexander Enterprises and a prominent Central Pennsylvania business and civic leader.

— **Howard O. "Mike" Beaver Jr.**, director and retired chairman of the board and chief executive officer of Carpenter Technology Corp.;

— **Louis R. Benzak**, president of the New York investment firm of Spears, Benzak, Salomon and Farrell;

— **Elouise R. Eberly** of Uniontown, a registered nurse and trustee of Uniontown Hospital;

— **David M. Joyner, M.D.**, of Camp Hill, an orthopaedic surgeon and former all-American in both football and wrestling at Penn State;



Illustration of new Biomedical Research Building planned for the Hershey Medical Center

— **John A. Waldhausen, M.D.**, John Oswald Professor and chairman, Department of Surgery, Hershey Medical Center; and

— **Richard A. Zimmerman**, chairman of the board and chief executive officer, Hershey Foods Corp.

The new, \$47.6 million, 236,000-square-foot building is being built next to the College of Medicine. The College and University Hospital together compose the Medical Center.

The Campaign will finance about 20 percent of the Biomedical Research Building's total cost, including furnishings and equipment. The rest will be underwritten through a bond issue and the use of financial reserves. No public funds will be used.

The seven-story Biomedical Research Building will contain laboratories for the departments of anesthesia, medicine, microbiology and immunology, neuroscience and anatomy, ophthalmology, pediatrics, radiology and surgery — which will include further work on organ transplantation. It also will contain the first new student space

— seminar and activity rooms — to be constructed since the Medical Center was first built.

The project is part of a broad expansion of the Medical Center's physical plant. Other relatively recent buildings include the University Physicians Center to house outpatient services and University Hospital's south and east additions.

Contributions to underwrite the construction of these facilities also will be accepted as part of the Campaign for Hershey.

"Everyone has a stake in supporting basic biomedical research and the improvements it makes possible in health care," Mr. Huck said. "I'm honored to be involved in this campaign and believe that what we have embarked upon here today will lead to contributions of the most profound sort to people everywhere."

According to C. McCallister Evans, dean of the College of Medicine and senior vice president for health affairs, the Medical Center has a critical shortage of research space that is hampering efforts to expand already impressive

accomplishments.

"We are virtually bursting at the seams," Dr. Evans said. "There isn't a square inch of space that is not already in use, including in corridors and closets."

"The campaign will continue until we raise all \$10 million from private sources."

The Medical Center, which receives only a small percentage of its operating budget from state appropriations, raised a total of \$31.7 million in private funds during the Campaign for Penn State that ended June 30, 1990. These funds were used to support student scholarships, faculty endowments and facility renovations.

Biomedical research awards to Hershey scientists have grown nearly 33 percent in only three years, from \$17.7 million in fiscal 1987-88 to \$23.5 million in fiscal 1989-90. The University estimates that the new building will add nearly \$180 million to the economy of Southcentral Pennsylvania, create jobs in construction and service occupations, and permit the addition of 50 faculty positions.

Engineering alum endows Schell professorship

Harry and Arlene Schell of New City, N.Y., have given \$250,000 to the College of Engineering to endow The Harry and Arlene Schell Professorship in Engineering.

Mr. Schell is the chairman and chief executive officer of BICC Cables Corp. The 1956 civil engineering graduate led the management buyout of the Phelps Dodge Cable and Wire Co.'s power cable business to create Cables Corp. in 1984. He was instrumental in the company's

growth and its subsequent sale to BICC Group.

"Penn State has been good to us, and we're delighted to have the opportunity to play a small part, through this endowment, to ensure the continuation of the high standards and fine reputation of the College of Engineering," he said.

In 1961, Mr. Schell joined Phelps Dodge Corp. where he served in various managerial and executive positions. He was president and chief executive officer of Phelps Dodge Cable & Wire Co. (1974-

84) and Phelps Dodge Copper Products Co. (1980-84), which led to the management buyout and formation of Cables Corp. Since 1984, he has coordinated and effected a series of acquisitions, marketing agreements and reorganizations that established Cables as a leader among cable manufacturers.

He was named a Penn State Outstanding Engineering Alumnus in 1990.

Mrs. Schell is active in various church and community activities.

Promotions

Staff Exempt

David T. Gingham, to manager, HUB Food Service in Housing and Food Services.
Arthur E. Gover, to project associate in Agriculture.
Susan M. Hicks, to clinical nurse educator and affiliate clinical instructor at Hershey.
Mary L. Kanaski, to clinical nurse educator and affiliate clinical instructor at Hershey.
Kathleen M. Nagy, to clinical nurse educator at Hershey.
Sandra J. O'Brien, to clinical nurse educator at Hershey.

Staff Non-Exempt

Barbara L. Ail, to MRI technologist at Hershey.
Sherry Casamento, to administrative aide in Research and Graduate School.

Mary R. Frank, to administrative aide in Education.
Elaine C. Lutz, to external relations assistant in Eberly College of Science.
Kelli S. Martin, to senior research technologist in Agriculture.
Kendrick M. McCall, to research technician at Hershey.
Carrie L. Peters, to research technologist in Liberal Arts.
Dennis J. Schenck, to senior research technologist at Penn State Erie, The Behrend College.
Joyce L. White, to research administrative support aide in Eberly College of Science.

Clerical

Marisa L. Aurand, to secretary B at Hershey.
Corry Beck, to secretary B in Arts and Architecture.
Heather Benner, to senior clerk,

subscription in University Libraries.
Wendy J. Clark, to secretary B in Liberal Arts.
Trisha D. Hunter, to clerk, typist A in Engineering.
Joanne J. Hutton, to secretary B at Hershey.
Joseph P. Pilot, to clerk A in Continuing Education.
LeAnn S. Rossman, to accounting clerk in Corporate Controller's Office.
Elaine S. Smith, to conference secretary in Continuing Education.
Diane L. Southard, to secretary B in Liberal Arts.
Sheila F. Weaver, to secretary B at Penn State Harrisburg.

Technical Service

Robert M. Boboige, to group leader, maintenance worker-utility at DuBois Campus.
Dinnie Graves, to maintenance worker,

general B at Penn State Harrisburg.
Lynn L. Hepler, to environmental health worker, group leader at Hershey.
Lillian Ledesma, to central processing aide at Hershey.
Earl M. McCaleb, to truck driver II in Research and Graduate School.
Scott J. Shoemaker, to building maintenance worker in Student Services.
Kevin E. Spicer, to maintenance worker, truck driver in Applied Research Lab.
Julie M. Stefanowicz, to snack bar worker A in Housing and Food Services.
Brenda K. Struble, to residence hall utility worker in Housing and Food Services.
Donald C. Wolbert, to offset duplicator operator at Penn State Erie, The Behrend College.
Robert J. Wolfe, to electronics technician at York Campus.
Judith A. Yost, to snack bar worker A in Housing and Food Services.

Penn Staters

Robert D. Arbruck, campus executive officer of the Penn State New Kensington Campus, has received the Rotary Foundation of Rotary International's Citation for Meritorious Service "in recognition of his devoted efforts for the furthering of better understanding and friendly relations among peoples of the world."

Douglas Arnold, professor of mathematics, has won the first Giovanni Sacchi Landriani Prize ever awarded by the Lombardo Academy of Science and Letters in Milan, Italy. Dr. Arnold was honored for his "contributions in the field of numerical methods for partial differential equations."

Mary Gail Becker, assistant professor of educational and school psychology, gave an invited, one-day workshop on "An Overview of Child Neuropsychological Assessment" in the Department of Psychology of Gothenburg University, Sweden.

Paul V. Bredeson, associate professor of education, has been appointed to the editorial board of *Educational Administration Quarterly*.

Mary De Jong, associate professor of English and women's studies at the Penn State Shenango Campus, has been awarded a \$30,000 National Endowment for the Humanities Fellowship for College Teachers and Independent Scholars to work on her project "Heart Songs and Hymns," an historical study of 19th-century religious lyrics and their authors.

George S. Dulikravich, associate professor of aerospace engineering, has been named Associate Fellow of the American Institute of Aeronautics and Astronautics.

Peter D. Everett, associate professor of marketing, has been named to the National Research Council of the National Academy of Science project to develop a transportation quality index.

Robert M. Hendrickson, associate professor of education, was elected to the board of directors of the National Organization on Legal Problems of Education for a three-year term. He also was appointed chair of the organization's 1991 national conference.

Austin J. Jaffe, professor of business administration and research director of the Institute for Real Estate Studies, has been invited to serve on the editorial review board of the *Research in Real Estate Monograph Series*.

Maj. Peter J. Kai, assistant professor of military science at the Penn State McKeesport Campus, has been named the Department of the Army's most outstanding Senior Reserve Officers' Training Corps instructor in the Northeast, making him one of four finalists for the Army's top ROTC instructor award.

Gary Koopmann, professor of mechanical engineering and director, Center for Acoustics and Vibration, has been appointed to the editorial board of the *Journal of Applied Acoustics*.

William J. Kraemer, director of research for the Center for Sports Medicine, has been appointed editor-in-chief of the *Journal of Applied Sports Science Research*, an official publication of the National Strength and Conditioning Association.

Kenneth K. Kuo, distinguished professor of mechanical engineering, has been elected a Fellow of the American Institute of Aeronautics and Astronautics in recognition of his many outstanding contributions and acknowledged leadership in the professional aerospace community.

Samuel H. Levine, professor of nuclear engineering, has been elected a Fellow of the American Nuclear Society for his achievements in expanding experimental techniques in the Naval Reactor Program's critical assemblies and the Penn State Reactor, for his innovative research in nuclear fuel management theory and for his developments in dosimetry and neutron radiography.

Asok Ray, professor of mechanical engineering, has been appointed associate editor of the *International Journal of Flexible Manufacturing Systems*.

Steven S. Segal, associate professor of applied physiology, conducted research in Europe in conjunction with a national award from the Microcirculation Society. The Travel Award for Outstanding Young Investigators is given annually to encourage a promising young investigator to visit

other research laboratories and establish international contacts.

Adam J. Sorkin, associate professor of English at the Penn State Delaware County Campus, has been awarded a grant by the International Research and Exchange Board (IREX) to travel to Romania to pursue the continuation of a project of collaborative translation of contemporary Romanian poetry.

Vladimir S. Stubican, professor of materials science and engineering, has been elected to the International Board for the organization of NATO Conferences on "Transport Phenomena in Nonstoichiometric Compounds." He also presented an invited paper on "Hafnia Based Ionic Electrolytes" at the 5th International Meeting on Nonstoichiometric Compounds in Tokyo and served as distinguished lecturer at the Tokyo Institute of Technology, Keio University, Tokyo, and Nagoya University.

Thomas L. Watschke, professor of turfgrass science, has been named Innovator of the Year by the Northeastern Weed Science Society for his research on turfgrass effects on the movement of water, pesticides and nutrients through the soil.

Richard J. Weilmann, professor of horticulture at Pennsylvania College of Technology, has been elected secretary-treasurer of the Pennsylvania Nurserymen's Association Inc.

Focus on Research

Intercom
March 21, 1991

Shyness

Book explores history of Reticence Program

A quarter of a century ago the idea of targeting shy college students for special help in facing the sometimes overwhelming terror of public speaking was not on many academic minds.

It was, however, of particular interest to a young faculty member at the University, **Gerald M. Phillips**. And, much to the relief of the thousands of students who have passed through his classrooms since the mid-1960s, he did something about it.

In 1991, the 25-year-old Penn State Reticence Program running strong. Today, his early work has evolved into a theory supported by two and a half decades of research and results. The program is thought to be the oldest and largest in the country for modification of the performance behavior of shy people.

For the professionals who have followed in his footsteps and those preparing to further explore theories of modifying reticent communication behavior, Dr. Phillips has a new book: *Communication Incompetencies: A Theory of Training Oral Performance Behavior* (published by Southern Illinois University Press).

The book, his 35th, outlines the methods used in the Penn State Reticence Program, from the first interview of potential candidates to a comprehensive step-by-step approach to individual solutions.

He reviews the pedagogy of dealing with communication problems and how dealing with them

has been taught. In addition, he outlines the main components of the program, including skills training, cognitive restructuring and systemic relaxation technique work.

"I and my associates at Penn State have found that students who are communicatively reticent exhibit seven distinct behaviors," he said.

These include: difficulty asking and answering questions in class; avoiding speaking to professors and authority figures; apprehension about job interviews and communication on the job; inability to do committee work or participate in groups; difficulty meeting strangers and initiating friendships; manifest signs of stagefright; and self-diagnosed shyness.

The training offered through the Penn State Reticence Program "helps students become aware of the obligations and constraints that enforce a degree of formal order in our language and permit comprehensible discourse," he said.

To alter reticent behavior, students are taught to change their oral communications patterns and learn to say not what they want to say, but what they must say in order to achieve a specific goal.

"This method is unique in combating disorders, because it contradicts standard practices. With support from 25 years of work, I think the high success rate and singular approach make the book especially interesting

to educators looking for alternatives to current approaches," he adds.

The theory behind the Reticence Program is based on close attention to the quiet, withdrawn and nonparticipating students, and research on the effect that a formal body of instruction has had on improving their communications performances. One study of the program revealed 80 percent of the former students remembered the steps they were taught in the program and were still using them seven years later.

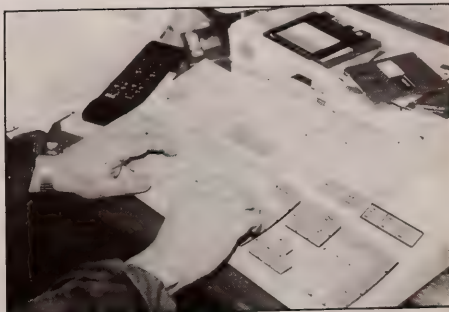
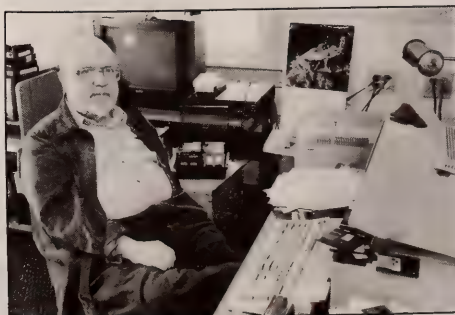
"The book gets to the very heart of the challenges facing the speech profession. Our mission is to study the performance of oral communication and learn how to modify it.

"*Communication Incompetencies* is offered as a first step toward the discovery of a theory about how to modify the way we speak begun more than 2,000 years ago by Aristotle, his teachers, his contemporaries and his followers," he says.

"A quarter of a century of experience with the Penn State Reticence Program has convinced us that these people are not so very different from those who do not report having problems. In fact, there are very few really effective communicators. Most people limp along as best they can.

"What distinguishes the people who come to us is their willingness to admit their problem and seek help," Dr. Phillips said.

—Bill Mahon



Gerald M. Phillips is shown seated at his computer in his office at home. (Photos by Greg Grieco)

Dr. Picciano to deliver Pattishall research lecture

Mary Frances Picciano, professor of nutrition, will deliver the Evan G. and Helen G. Pattishall Outstanding Research Achievement Award Lecture, "Infant Nutrition: A Lasting Foundation," at 8 p.m. Thursday, March 28, in the HUB Assembly Room at University Park.

The Pattishall Award, sponsored by the College of Health and Human Development, recognizes a faculty member for outstanding research contributions occurring or culminating within the past several years. The recipient presents an

evening lecture highlighting his or her research.

Dr. Picciano's program of research has attracted more than \$1.5 million in external funding. Her studies focus particularly on iron, folate, protein, selenium, and other nutrients required by infants. She also studies the nutritional differences between human milk and commercial infant formula, as well as the physiological consequences of these methods of infant feeding.

Her findings have served as a basis for nutritional recommendations for infants and

nursing mothers, and for the improvement of commercial infant formulas.

Dr. Picciano has received two national awards for her research: the 1984 Borden Award from the American Home Economics Association and the 1987 Lederle Award in Human Nutrition from the American Institute of Nutrition.

Before joining the University faculty in 1989, she spent 15 years on the faculty at the University of Illinois, where she earned the 1988 Paul A. Funk Recognition Award for Achievements in Maternal and Infant Nutrition.

The Pattishall Award was endowed by Evan Pattishall, dean emeritus of the former College of Human Development, and his wife, Helen, a graduate of the college.

This year's other Pattishall Award recipient, Alexander von Eye, professor of human development, will present a lecture April 25.



Mary Frances Picciano

Obituaries

Mary L. Miller, clerk, Student Affairs, from May 1, 1955, until her retirement April 1, 1978, died Oct. 10, 1990, at the age of 70.

Doris V. Brower, secretary in the College of Agriculture from Dec. 14, 1970, until her retirement Feb. 2, 1981, died Feb. 18. She was 71.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. **APPLY BY CALLING THE EMPLOYMENT DIVISION, 865-0304 (NETWORK LINE 433-0304).** Applications for these staff vacancies will be accepted until March 28. **DO NOT CONTACT THE AREA THAT HAS THE VACANCY.** Applications for staff vacancies are considered in accordance with Fair Employment practices (PS-1) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

computer science or engineering plus two to four years of effective experience in a related or similar field. Background in advanced digital systems and networking is highly desirable. This is a fixed-term position funded for a period of six to 10 months. **STAFF GRADE 7.**

■**01343, Math Specialist, Schuylkill Campus** - Responsible to the director, Learning Center, for providing instructional services in math and related areas through individual and small group instruction. Other duties include collecting data, preparing instructional materials, working with faculty, etc. Requires master's, or equivalent, in math and three to 12 months of teaching experience, preferably at the college level. This is a fixed-term position. **STAFF GRADE 6.**

■**01344, Director of Continuing Education, Continuing Education, Penn State Harrisburg** - Responsible to the associate provost and dean of faculty with regular interaction with the regional director for professional and technical performance in providing continuing education services in the Harrisburg area. Requires bachelor's degree, or equivalent,

plus five to seven years of effective and satisfactory experience, preferably as an area representative in Continuing Education. **STAFF GRADE 8.**

■**01345, Maintenance Foreman, Worthington Scranton Campus** - Responsible to the CEO for planning, scheduling, and supervising maintenance, repair and up-keep activities of the Worthington Scranton Campus physical plant and facilities. Requires high school graduate with several years of trade training and two to four years effective experience in carpentry, electrical work, landscaping, plumbing, painting and maintenance. Leadership qualities and experience in a supervisory capacity highly desirable. **STAFF GRADE 5.**

■**01346, Admissions and Minority Recruitment Counselor, Undergraduate Education, Philadelphia Community Recreation Center** - Responsible to the director, Community Relations Center/associate director, Minority Admissions, for minority recruitment activities and for general assistance in handling admissions

matters in an assigned geographical area. Requires bachelor's degree, or equivalent, plus one to two years of effective experience in educational administration or in related field such as industry, military service or the like. **STAFF GRADE 6.**

■**01347, Production Assistant/Design, Senior Vice President for Research and Dean of the Graduate School, University Park Campus** - Responsible to the production manager for assigned projects and tasks involved in the design and printing of various University Press publications. Requires bachelor's degree, or equivalent, in an art or related field plus over one up to and including two years of effective experience in an applied art situation. Knowledge of printing, binding, and typographic processes required. **STAFF GRADE 5.**

Hershey

For the following position vacancies, apply directly to The Milton S. Hershey Medical Center. Attach resume with cover letter indicating the position

vacancy code and forward to the Department of Human Resources. Hershey, or call the Hershey bid line at (717) 531-8531 by March 28.

■**1712, Foreman, Department of Environmental Health** - Responsible to the EHS shift supervisor for planning, scheduling and supervising the work of the housekeeping crews. Also assist in the training of janitors and evaluation of new materials, equipment and techniques. Requires a high school education with a minimum of two to three years of effective experience, including some supervisory experience in janitorial service or related area plus an indication of leadership qualities. Must also possess a valid driver's license. **STAFF GRADE 4.**

■**17336, Assistant Director, Department of Student Affairs** - Responsible to the director, Office of Student Affairs, for the day-to-day administration of the admissions process and for special programs administered by the Office of Student Affairs. Requires a bachelor's degree or equivalency plus two years admissions or related experience. **STAFF GRADE 6.**

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William E. Campbell Jr., Editor
Deborah A. Benedetti,
Assistant Editor
Kathy Garman, Calendar

March 21, 1991
Vol. 20, No. 25

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INTERCOM

March 28, 1991

Volume 20, Number 26

University cited for hosting foreign scholars

The University ranks 11th among U.S. universities in attracting foreign scholars to teach and research within its system, according to a new survey.

Penn State hosted 851 foreign scholars during the 1989-90 academic year, according to the survey by the Institute of International Education. The total was up from 750 scholars during the previous year.

"The fact that so many international scholars choose to come to Penn State annually speaks well of the high regard in which our University is held around the world," W. LaMarr Kopp, deputy vice president for international programs, said.

The IIE survey defines foreign scholars as

non-immigrant, non-student academicians teaching and/or researching at U.S. universities. Results from the 176 institutions included in the poll were summarized in a recent issue of *Open Doors*, an IIE publication.

The scholars at Penn State came from more than 65 countries and were spread throughout the academic colleges.

"It's a marvelous program because it works both ways - the scholars gain from Penn State and Penn State gains from them," notes Rosalie Bloom-Brooks, a manager with the Foreign National Employment Services Program in the Office of Human Resources.

Penn State was the only Pennsylvania university listed among the survey's top 12. The University of Pennsylvania, with 655 foreign scholars, was the next highest institution in the state listed in the survey, followed by Carnegie Mellon University (269), the University of Pittsburgh (258), Temple University (200), Thomas Jefferson University (152) and Lehigh University (90).

The top five institutions nationwide were Harvard University, with 2,132 foreign scholars, the University of California at Berkeley (1,882), Stanford University (1,880), the University of California at Los Angeles (1,822) and the University of California at San Francisco (1,150).

President Thomas will speak at UP

President Thomas will address faculty, staff, and students in Eisenhower Auditorium at the University Park Campus at 4 p.m. Thursday, April 4. The address will be open to the public.

"I have had the opportunity to discuss issues directly with Commonwealth Campus faculty, staff, and students in my ongoing visits to the campuses," Dr. Thomas said. "And although I have addressed the University Faculty Senate at University Park a number of times during my first seven months at Penn State, I feel a need to address faculty, staff, and students at University Park."

Dr. Thomas is expected to share the goals and values he brings to the Penn State presidency and to put the circumstances under which the University will continue to advance.

Although classes will not be canceled for Dr. Thomas's remarks on April 4, all faculty, staff, and students at University Park are encouraged to attend, schedules permitting.

First 'Pennsylvania Career Day' is scheduled

The first "Pennsylvania Career Day" is scheduled at University Park on Thursday, April 11. More than 2,000 employers around the Commonwealth have been invited to participate in the inaugural event.

"The state, Penn State and the others in this partnership want to send a clear signal to our most talented, well-educated people that there are challenging and rewarding

career opportunities right here at home,"

Jack Rayman, director of Career Development and Placement Services, said.

Co-sponsoring the event with the University are the Commonwealth of Pennsylvania, the Pennsylvania Chamber of Business and Industry, the Pennsylvania Manufacturers' Association and the Hospital Association of Pennsylvania.

Dr. Rayman said one of the reasons for developing the idea, which has been supported by many sectors, is the realization that many educated Pennsylvanians have been leaving the state and looking elsewhere for work.

"Students and graduates from any Pennsylvania college or university who

See 'Career Day' on page 3.

Five faculty members will receive Atherton award

Five University faculty members will receive the George W. Atherton Award for Excellence in Teaching at the University awards convocation at 2 p.m. Sunday, April 7, in Eisenhower Auditorium at University Park.

Established in 1989, the Atherton Award honors excellence in teaching performance at the undergraduate level. Of the five

awards presented, three will be awarded to faculty members at campuses other than University Park. The award consists of a cash stipend of \$1,500 and a framed certificate.

This year's recipients are **Leonard J. Berkowitz**, assistant professor of philosophy at the York Campus; **Harvey B. Manbeck**, professor of agricultural engineering at

University Park; **R. Alan Price**, associate professor of English at the Hazleton Campus; **Marlene P. Soulsby**, assistant professor of German and humanities at the Worthington Scranton Campus; and **Paul Youngquist**, assistant professor of English at University Park.

Dr. Berkowitz joined the Penn State York faculty in 1972. One faculty

colleague calls him "as dedicated and as excellent a teacher as I have ever known." A former student writes of Dr. Berkowitz: "His willingness to work with me, to help me understand, was greater than any other professor that I had previously encountered, or encountered to this day. The interest he instilled in me soon grew to

See 'Atherton' on page 3.



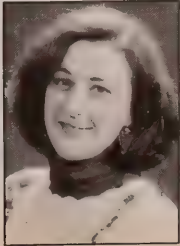
Leonard J. Berkowitz



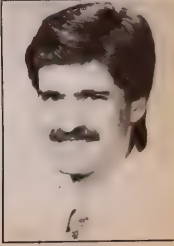
Harvey B. Manbeck



R. Alan Price



Marlene P. Soulsby



Paul Youngquist

Focus on Diversity

At University Park

Presidential assistant to speak

Sichan A Siv, deputy assistant to the president for public liaison, the White House, will speak on "The Importance of International Educational Exchange to International Understanding: Federal Initiatives" at 2:30 p.m. Monday, April 1, in 222 Boucke Building, University Park.

While at the University, Mr. Siv will interact with administrators, faculty, staff and students.

Born in Phenom Penh, Cambodia, he is a

graduate of the University of Phnom Penh and Teachers' Training College of Singapore. He also holds a master of international affairs from Columbia University, where he was a Maguire Scholar and an international Fellow.

Before assuming his current position in 1989, he was manager of Asia and Pacific programs at the Institute of International Education in New York. His visit is sponsored by the University Office of International Programs.

Number of events in April focus on issues of concern to women

The following events scheduled for April focus on issues of concern to women:

-- April 3, noon to 1 p.m., Hershey:

Barbara Hafer, Pennsylvania auditor general, will speak on "Women -- How to Get in the Game, Survive and Actually Set the Agenda." The Hershey Medical Center Committee for Women, a liaison to the Penn State Commission for Women, is sponsoring the lecture.

-- April 3 to 5, Keller Conference Center, University Park: Celebrate the Family Symposium.

-- April 5 to 6, "Matrons and Marginal Women in Medieval Society," sponsored by the Medieval Studies Program, includes Medieval banquet April 5.

-- April 5 to 6, Hetzel Union Building, University Park, "The Politics of Sexuality: Multicultural Feminist Voices," university-wide conference. Call Center for Women Students at 863-2027 for more information.

-- April 18 to 20, Keller Conference Center, University Park, "Challenges and Achievements: A Celebration of Women in Engineering," a conference for women alumnae, students and faculty in the College of Engineering. Eleanor Baum, dean, Albert Nerken School of Engineering, will give the plenary lecture at 1 p.m. April 19 in Keller Auditorium. John Lienhard, Anderson professor of technology and culture, University of Houston, will speak on "Women in Male Preserves: Getting There" at 10:15 a.m. April 20 in 26 Deike Building.

Diversity Opportunities Calendar

Thursday, March 28

University Scholars Program, 6:30 p.m., Atherton Hall, Grandfather Clock Lounge. Presentation about the history of jazz as it relates to the slave trade, racial discrimination and artistic expression, by Peter Klein.

Friday, March 29

Department of Exercise and Sports Science, noon to 1 p.m., 108 White Building. Faculty/staff workshop in African Dance with Myrna Munchus-Bullock. Live drum music by Don Berinato of the Earthtones.

Men of Color of Central Pennsylvania, 5:30 p.m., Days Inn Hotel. Monthly social.

Monday, April 1

Office of Minority Faculty Development, 8 a.m. to 5 p.m., 309 Kern Graduate Building. Registration deadline for April 6 workshop, titled, "A Funding Roundtable," by Barba Briedis, College of Liberal Arts coordinator of grants and contracts. The workshop will be held from 9 a.m. to 11 a.m. in 114 Kern Graduate Building. For more information, contact Leah Witzig, at 863-1063.

Thursday, April 4

Office of Religious Affairs, noon, Faith, United Church of Christ, College Avenue and Locust Lane. Interfaith memorial service to acknowledge the 23rd anniversary of the assassination of the Rev. Dr. Martin Luther King Jr.

Women of Color, noon, Hotel State

College. General Luncheon Meeting. Paul Robeson Cultural Center, 7 p.m., Paul Robeson Cultural Center. Play by Play Soul in Motion Players titled, "We Are Africa."

South African visitor involved in genetics research

The large number of population genetics researchers at the University is benefiting a South African visitor both professionally and personally.

"My biggest thrill was finding a large community of scientists at Penn State interested in or involved in the same line of research that I have been busy with in South Africa," Hima Soodyall says. "There are only three Ph.D.s in human genetics in my lab and only four or five universities in South Africa doing similar work."

Ms. Soodyall was selected as the University's seventh SHARE Fellow for Fall Semester 1990. Her visit was extended through Spring Semester with support from the University's Anthropological Genetics Laboratory and the South African Institute for Medical Research in Johannesburg, where she works as a medical scientist in Trefor Jenkins' Department of Human Genetics.

In addition to her responsibilities at the South African Institute for Medical Research, she is pursuing a Ph.D. degree at the University of the Witwatersrand. She is the recipient of two bachelor of science degrees -- in microbiology and biochemistry and microbiology (with honors) -- from the University of Durban-Westville and a master of science degree in biotechnology from Witwatersrand.

Born and raised in Durban, South Africa, Ms. Soodyall is of Indian descent. The SHARE Fellowship Program, established in 1985, is designed to provide additional educational opportunities for minority South African students like Ms. Soodyall.

(SHARE, which stands for Scholarship, Help, Academic exchanges, Review of equity holdings and Educational programs, was created in response to the South African government's system of apartheid, which, among other things, limits educational opportunities for



Hima Soodyall is shown with a rapid quenched apparatus used in enzyme kinetic studies.

non-whites.)

While at the University, she has been involved in

research related to human evolution and population biology. She is investigating human mitochondrial DNA (mtDNA) variation in southern African populations with the hope of refining existing theories on southern African population affinities.

Working with Kenneth A. Johnson, Paul Berg professor of biochemistry, Ms. Soodyall was involved in an ongoing departmental study on the fidelity of the T7 DNA polymerase enzyme.

"This was a completely new area of research for me," she says. "I learned several new techniques and concepts related to protein purification and enzyme kinetics."

Currently, she is working with Mark Stonking, assistant professor and director, Anthropological Genetics Laboratory, where she is involved with sequencing a 1.1-kilobase segment of the mtDNA molecule known as the control region on 120 native South African individuals.

Her associations with Dr. Stonking and Andrew Clark, associate professor of biology, have enabled her to expand the analysis of her data on 800 unrelated individuals. She had been limited in her analysis due to the lack of expertise and computer software in her native country.

"I have been most fortunate to have had interactions with various people who have helped me overcome these limitations. As a result, I am preparing some of this work for publication," she says. "It's been quite a productive stay, and the computer and statistical skills that I have acquired will greatly help me in the future."

She plans to return to her position at the South African Institute for Medical Research in April and continue working on her dissertation.

--Deborah A. Benedetti

Applications sought

Applications and nominations are invited for associate dean for undergraduate studies in the College of Arts and Architecture.

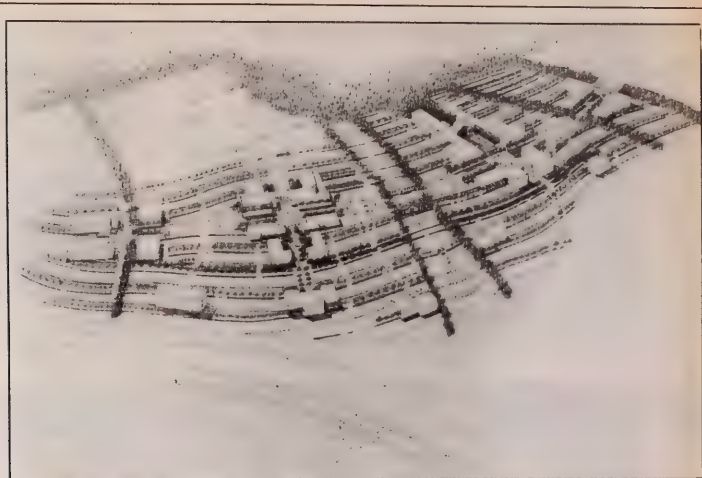
The associate dean, in collaboration with academic units, will provide leadership in the coordination and evaluation of all undergraduate programs for the College both at University Park and in the Commonwealth Educational System. The associate dean will coordinate undergraduate teaching improvement activities, oversee academic record keeping, and provide administrative direction and leadership for the College's Advising Center and the Office of Recruitment and Retention.

While the position is essentially full-time administration, special consideration will be given to persons who wish to continue teaching.

Candidates should possess a terminal degree and be tenured/tenurable in one of the represented disciplines of the College of Arts and Architecture and present evidence of successful experience related to undergraduate education for both traditional and non-traditional students. Administrative experience is desirable.

The search committee will begin screening candidates on April 8 and continue until an appointment is made. Employment begins Sept. 1.

Send resume with names of three references to: Lyle Merriman, chair, Associate Dean Search Committee, 111 Arts Building, University Park, PA 16802.



Penn State Research Park

Plans for the Penn State Research Park are moving forward quickly. College Township approved this master plan on Thursday, March 14, and, at it's March meeting, the Board of Trustees granted PennDot right-of-way to the site and to College Township for an interior street that will serve the first phase buildings. Design of the Phase A-1 facilities is by Architects Geddes Brecher Gualis and Cunningham of Philadelphia.

Science EXPO '91

The Eberly College of Science will introduce visitors to the world of science and research during its free open house, Science EXPO '91, from 10 a.m. to 5 p.m. Saturday, April 6.

Sponsored by the College's Student Council and Alumni Society, EXPO is designed to entertain as well as to educate. More than 50 exhibits, tours and live demonstrations allow visitors of all ages to see, touch and experience science.

This year's EXPO includes returning favorites such as the Nittany Chemical Society's Chemistry Magic Show and the Phabulous Physics Laser Show. Visitors can take guided greenhouse tours, attend planetarium shows, see a scale model of the universe, watch a wood-carving exhibit and participate in a skit about the birth of a globe.

Other activities include telescope and probe displays, slide shows, and plant and poster sales. The Penn State Biology Club will perform a skit called "The Biology of Life: Boy Meets Girl."

A relatively new addition to EXPO is Science Scholars '91. Sponsored by WFSX-TV, the Allegheny Educational Broadcast Council, and the Eberly College of Science, Science Scholars gives student finalists in grades nine through 12 the opportunity to exhibit their winning science projects during EXPO.

For more information about EXPO, write to: Science EXPO '91, 225 Pond Laboratory, University Park, PA 16802, or phone (814) 863-4693.

Atherton

Continued from page 1.

encompass my other classes."

Dr. Berkowitz has served as editor for the newsletter of the Association for General and Liberal Studies, a national organization dedicated to the advancement of liberal studies. He has presented professional papers on the goals of general education, the ethical posture of the teacher in the classroom and effective teaching techniques.

Since coming to Penn State in 1980, Dr. Manbeck has served as adviser or co-adviser to the University's Agricultural Engineering Club on six occasions. In 1988, he received the Teaching Award of Merit from the National Association of Colleges and Teachers of Agriculture, and in 1990 the Penn State Engineering Society bestowed on him its Premier Teacher Award.

A former student says, "Dr. Manbeck would challenge me like no other teacher, and yet he would never overwhelm me. Dr. Manbeck has the unique ability to challenge a student to this fullest potential without discouraging him by demanding too much." A colleague notes, "Dr. Manbeck truly loves to teach, which is reflected in his relationships with students."

Dr. Price joined the Penn State Hazleton Campus in 1966. In 1968 and 1979, the student body named him the Hazleton Campus Teacher of the Year. In 1984, he represented the College of the Liberal Arts

at the Master Seminars in Teaching at Bucknell University.

A colleague observes, "Dr. Price is always well organized, interesting and informative. In lecture he successfully intersperses personal anecdotes with professional scholarship so that students identify with the topic. In discussion he is adept at turning negative statements into positive take-off points."

A University faculty member since 1970, Dr. Souleby received the Outstanding Teaching Award at the Worthington Scranton Campus in 1989. She is faculty adviser to the Worthington Scranton Campus German Club, co-adviser of the Scholars and Honors Program and a frequent presenter on teaching techniques at professional meetings. She is editor of the newsletter for the International Society for the Study of Time.

A former student writes, "Dr. Souleby has the knack of putting people at ease while at the same time exhorting them to do better and better. Her energy is infectious, and her classes are interesting and entertaining. She makes it so easy to learn and to learn well."

Dr. Youngquist, only in his third year at Penn State, taught previously for one year at the University of Virginia. At Penn State, he has directed three senior honors theses in English, one of which won the 1990 Henry Sams Award for Excellence in Literary Analysis, the highest prize awarded by the English Department for undergraduate literary criticism.

A colleague remarks, "Time and time again, one reads that he is the best

instructor a student has ever had and that he has taught the most electrifying course. That response stems, it seems, from the self-discovery which occurs in his classes and the joy which students find both in expressing themselves without fear and in hearing others speak out with an equal freedom and verve."

Career Day

Continued from page 1.

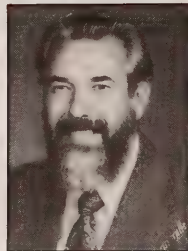
plan to work in the state are invited to participate," he said. "There is no fee for admission, no pre-registration and no parking fee. We want this opportunity to be as user friendly as possible."

The career day, scheduled from 10 a.m. to 4 p.m., will be held at the Intramural Building located at the intersection of University Drive and Curtin Road. The University's Career Development and Placement Services (865-2377) is coordinating the program. Employers interested in additional information should contact conference coordinator Jack Sinclair at 863-2035.

Carpooler

Danette is looking for a ride from Mt. Union to University Park. Her work hours are 8 a.m. to 5 p.m. Call 865-4757 or (814) 542-8723 (after 6 p.m.)

25-year award recipients



Observing 25 years of service at the University are, from left, Bonnie Bowers, janitorial worker, Office of Physical Plant; Gerard J. Braull, Edwin Erie Sparks professor of French and Medieval studies and fellow of the Institute for the Arts and Humanistic Studies;

James B. Hout, lead electrician, Office of Physical Plant; Robert Lima, professor of Spanish and comparative literature and fellow of the Institute for the Arts and Humanistic Studies; June Miller, associate professor of music.

News in Brief

Lecture on Japan

The Hon. Seigi Hinata, deputy consul general in New York and director of the Japan Information Center, will lecture on "Five American Misperceptions about Japan" at 7:30 p.m. Tuesday, April 2, in 101 Kern Graduate Commons at University Park. A reception will follow the lecture.

His lecture is free and open to the public. It is sponsored by the Center for East Asian Studies and the student-run East Asia Studies Society. For more information, call Parris Chang, director, Center for East Asian Studies, at 865-1698 or 863-0970.

Seminar about the elderly

Raymond Coward, associate director, Center for Health Policy Research, University of Florida, will speak about "Residential Differences in the Use of Formal and Informal Sources of Care" at 4 p.m. Thursday, April 4, in 106 Mitchell Building at University Park. The lecture will be transmitted live to Room L-7 Hershey.

The seminar is sponsored by the Center on Aging and Health in Rural America and the Gerontology Center. Dr. Coward's research focuses on the elderly in rural America. He is co-author (with Gary Lee) of the book *The Elderly in Rural Society*.

WPSX gets grant

Public television station WPSX-TV/Penn State has been awarded a \$25,000 grant from the Eastern Educational Network (EEN) for research and development work on a documentary that examines the preservation of historically significant Civil War battlefields.

Pending additional funding for production, the program, titled *The Vanishing Civil War*, is scheduled to air nationally on public TV stations in early 1992.

Annual used book sale

More than 85,000 books will be offered for sale in the Ballroom of the Hetzel Union Building at University Park during the Annual Used Book Sale sponsored by the State College Branch of the American Association of University Women from 3 to 9 p.m. Saturday, April 13, and from 9 a.m. to 9 p.m. Sunday, April 14, through Wednesday, April 17.

Many books will sell for a dollar or less.

Any items remaining on Tuesday will be sold at half price. On Wednesday, customers may fill a grocery bag full of books for only \$4. Bags will be furnished.

Proceeds from the sale will again benefit local educational projects and the Association's Educational Foundation. For more information, call 237-2262.

Ben Franklin proposals

Project proposals for Ben Franklin Partnership challenge grants in 1991-92 must be submitted to the Ben Franklin Technology Center of Central and Northern Pennsylvania Inc. by Friday, April 19.

Challenge grants, which are awarded on a competitive basis, provide matching funds for projects in research and development, education and training, entrepreneurial assistance, technology transfer, small business incubators, and centers of excellence.

For the current fiscal year, the BFTC/CNP allocated nearly \$4.5 million toward cosponsoring 105 projects in the 40-county service area.

PENNTAP gift

Bell of Pennsylvania has given \$10,000 to support economic development activities of the Pennsylvania Technical Assistance Program (PENNTAP), a free technical advisory service for business and industry.

PENNTAP facilitates the transfer of technical information to Pennsylvania companies. The program is based at the University and operates in cooperation with the state and federal economic development agencies.

The Bell of Pennsylvania gift will be used to make PENNTAP's services available to more companies and other clients statewide.

Database search program

The University Libraries has made enhancements to its "Do-It Yourself" database searching program.

The program enables anyone with a University ID to access subject databases located throughout the country. While the program has been available for some time, new database vendors have been added, so that bibliographic databases in virtually every major discipline are now represented.

For more information, contact the Pattee Information Desk or call Linda Friend, search service coordinator, at 865-0673.

Structural steel video

The Architectural Engineering Department, in conjunction with WPSX-TV, has produced a 33-minute teaching video, "Today's Structural Steel," which is being distributed to educators and practitioners throughout the country.

The video was produced by Penn State with the cooperation of the American Institute of Steel Construction Inc. and others in the steel industry. It was funded in part by the College of Engineering Quality Improvement for Undergraduate Engineering Education project.

Abbas Aminmansour, instructor in architectural engineering, wrote the script and acted as adviser and content coordinator for the project. Margaret Mohl was the WPSX-TV producer/director.

Obituaries

William F. Nydegger, retired assistant professor of anthropology, died March 2. He was 75.

He received his undergraduate degree at the University of Wisconsin-Madison, and his doctorate in anthropology from Cornell University. He taught at the University Park Campus from 1963 until his retirement in 1981.

Memorial contributions may be made to the Palmer Museum of Art, One Old Main, University Park.

Barbara A. Guziewicz, nutrition aide in the College of Agriculture from April 1, 1980, until her retirement on disability Oct. 1, 1988, died Jan. 9. She was 47.

George A. Spicer, stock truck driver in the Office of Physical Plant since Aug. 23, 1977, died Feb. 14 at the age of 31.

Wilhelm Kelm, janitorial worker at the Penn State Ogonz Campus from Sept. 1, 1954 until his retirement Sept. 1, 1973, died Feb. 15 at the age of 82.

Dorothy R. Bowman, assistant dean of admissions, Admissions and Registrar, from July 1, 1948, until her retirement Dec. 1, 1962, died Feb. 21. She was 85.

Madge Donahue, nutrition aide, College of Agriculture, from July 1, 1977, until her retirement March 1, 1984, died Feb. 27 at the age of 67.

T. Louise Greenawald, foods laboratory attendant, College of Health and Human Development, from Aug. 1, 1955, until her retirement Jan. 1, 1974, died March 1 at the age of 77.

Marie A. Alexander, coder, Admissions, from Jan. 1, 1964, until her retirement July 1, 1974, died March 2. She was 82.

Chrissie A. Millard, janitorial worker, Office of Physical Plant, since April 30, 1979, died March 4 at the age of 57.

Satellite technology used in teaching food science

For 70 students in classrooms in four states, a satellite, television and telephone are as necessary as their books to learn about food science.

"Satellite technology is enabling us to share our expertise with students across the nation," **Lowell D. Satterlee**, professor of food science and head, Department of Food Science, said.

He is teaching one of two courses offered nationwide for the first time by the AG*SAT Corp., a consortium of major U.S. agricultural universities. Penn State is a founding member of AG*SAT, headquartered at the University of Nebraska-Lincoln.

Introductory Food Science, a three-credit course, is being offered this spring to students at Tuskegee University in Alabama, the University of Nebraska and the University of Idaho, as well as at three Commonwealth Campuses (Allentown, Berks and McKeessport). In addition, employees at an Idaho food industry (Ore Ida/Weight Watchers) and five Idaho county agricultural extension agents are

enrolled in the course.

Iowa State University is offering the course Alternative Agriculture through AG*SAT.

The Penn State and Iowa State courses are the inaugural offerings of AG*SAT, which was founded a year ago to share instruction nationwide, as well as to provide opportunities for communication among researchers and agricultural extension personnel via satellite. Dr. Satterlee said.

"The initiation of the first course for credit via satellite for the AG*SAT project is truly a significant historical event," **Lamartine Hood**, dean of the College of Agriculture, said. Dr. Hood is a member of the AG*SAT board of directors and also is an officer of the corporation.

The course from Penn State is produced by the College of Agriculture in partnership with WPSX-TV, Penn State Television, under the direction of **Marlowe Frake**, general manager.

At sites receiving the course, classroom coordinators are on hand to assist students



Lowell D. Satterlee

in communicating directly with Dr. Satterlee via a telephone bridge. Introductory Food Science is broadcast live

from 6:30 to 9:15 p.m. EST on Thursdays. Three one-hour lectures are delivered at one time.

Medical literacy series being produced

Centre Community Hospital and the University are producing a five-part pilot series on medical literacy called "Doctors, Hospitals and You" that will be broadcast on C-Net, cable channel 24, from 7 to 7:30 p.m. every other Wednesday, beginning April 3.

Hosted by Lynn Hinds, associate professor of communications, the series is designed to help medical services clients effectively manage medical services for their families.

Alfred Jones, an internal medicine specialist in private practice in State College, and **Gerald M. Phillips**, professor of speech communication, who are co-authors of *Communicating with Your Doctor*; Rx

for *Good Medical Care*, are project advisers.

Each broadcast will combine on-the-street interviews about family medical issues conducted by University students in the School of Communications with explanations and discussions of those issues by medical specialists or panel of experts from Centre Community Hospital and Penn State.

The students are producing studio segments, interviews on and off campus and filming on location in the hospital. **Edward E. Faust**, assistant professor of communications, is the director of the programs, and **Mike Lutz**, a student majoring in broadcast and cable, is the producer.

Department receives research grants

The Department of Mechanical Engineering in the College of Engineering has received \$652,500 in research grants.

Brian J. Gilmore, assistant professor of mechanical engineering and co-director, High Speed Machinery Laboratory, received \$45,000 from AT&T toward the purchase of a high-speed video camera.

Kenneth B. Kuo, distinguished professor of mechanical engineering, received a \$63,000 "Collaborative Combustion Simulation Grant" from the Societe Nationale des Poudres et Explosifs, France, for modification of the ballistic equation used in most two-phase combustion codes.

Timothy Ovaert, assistant professor of mechanical engineering, received a

\$100,000 grant from Baxter Healthcare Corp. for a two-year project titled "Tribological Investigation of Separation Devices."

Domenic A. Santavica, associate professor of mechanical engineering, received a three-year, \$264,500 grant from the Power Generation Division of General Electric for research on the effects of mixing and turbulence on gas turbine emissions.

Donald A. Streib, assistant professor of mechanical engineering, received a \$180,000 Whitaker Foundation grant for a three-year study titled "Variable Gravity System for Locomotion Rehabilitation of the Elderly."

Senate approves adding 'sexual orientation' phrase

With a vote of 93 to 12, the University Faculty Senate approved the addition of the phrase "sexual orientation" to the University's non-discrimination policy.

The vote followed a one-hour debate on a motion proposed by the special Senate committee to review President Thomas' proposed amendment to the University's non-discrimination policy. In addition to the committee's proposal, the Senate debated a substitute motion, which was the amendment proposed by President Thomas.

In introducing the committee's motion, committee chairperson **Donald C. Rung** said, "This motion, if approved, is a declaration from the faculty of this University that we believe in a community that respects the differences among us, be they differences of gender, age, color or sexual orientation."

"Adding the phrase 'sexual orientation' to the University's non-discrimination policy will not immediately stop all such intolerance, but it is an important, and most visible, step in promoting a community living in harmony with one another."

Dr. Rung further urged the Senators to adopt the motion saying, "Now is our urgent to acknowledge that we need such a phrase to protect members of our community from

the hard edge of discrimination and prejudice they now endure."

The committee's motion states: "The University Faculty Senate commends the promise of President John Thomas that 'The Pennsylvania State University will take appropriate measures to protect all of its students and all of its employees from harassment, abuse or assault.' In addition, the University Faculty Senate recommends that the University's non-discrimination policy be amended to include the specific phrase 'sexual orientation.'"

The committee did not recommend excising wording for the non-discrimination policy, because federal law does not recognize the category of "sexual orientation" as a protected category, so the phrase "sexual orientation" cannot be added to the sentence in the policy listing federally protected categories.

State law, on the other hand, does prohibit discrimination on the basis of sexual orientation, as a result of Gov. Robert Casey's executive order of Jan. 20, 1988.

E. Emory Ensore Jr. proposed the substitute motion, which was defeated 68 to 25. He said he supported President Thomas' amendment, because the president's statement "is all-inclusive."

The Senate's vote in favor of adding the phrase "sexual orientation" to the non-discrimination policy in order to prohibit discrimination based on sexual orientation is the result of a request for advice from President Thomas.

Dr. Thomas proposed the following amendment to the non-discrimination policy: "In addition, The Pennsylvania State University will take appropriate measures to protect all of its students and all of its employees from harassment, abuse or assault; and bases all educational and employment decisions on an individual's abilities and qualifications without reference to personal characteristics that are not related to academic ability or job performance."

President Thomas plans to inform the Board of Trustees of the Senate's recommendation.

In other action, the Senate:

-- approved changes to Senate Policy 67-00 dealing with eligibility of athletes. The revised policy will conform with Big Ten eligibility policies. The changes were required before University teams compete against Big Ten teams. **Roger L. Sweeting**, chairperson, Senate Committee on Academic and Athletic Standards, said. The revised policy will be effective for new students enrolling this summer.

Focus on the arts

The arts on Channel 3

The Allentown Band, America's oldest concert band, salutes John Philip Sousa with a program of traditional concert band music in *The Allentown Band in a Tribute to John Philip Sousa* airing at 6 p.m. Saturday, March 30, on WPSX-TV.

Recorded live at Allentown's Symphony Hall, the program will feature music composed by Sousa such as "Semper Fidelis March," "Bullets and Bayonets," "The Bride Elect Selections," and "Stars and Stripes Forever," as well as songs by Sousa's favorite composers including Gomez, Filmore, Rimsky-Korsakov, and Tchaikovsky.

One of Pennsylvania's premier chamber orchestra ensembles, the Lehigh Chamber Orchestra, is featured in *L'Histoire Du Soldat* airing at noon Sunday, March 31. The concert features Stravinsky's "The Soldier's Tale" which tells the story of a soldier's temptations and decisions during his leave from the service to visit his fiancée. The music is accompanied by an English narration of the French classic.

Kern Gallery exhibit

The watercolors of Marlee Erwin will be on display at Kern Gallery at University Park from April 1 to May 3.

"Essentially iris" is a collection of eight abstract studies of the iris to represent, in the words of the artist, "the bold, natural and sometimes mysterious present in natural phenomena."

Ms. Erwin was attracted to the iris because of its significant cultural history. Originally, the iris was the Greek goddess of the rainbow, and would lead the souls of dead women from the earth to the gods. The purple iris was then planted on the woman's grave in tribute to her. For Ms. Erwin, the iris was traditionally been "a symbol of feminine power, love, intuition and hope."

An accredited member of the Pennsylvania Watercolor Society and the Art Alliance of Central Pennsylvania, Ms. Erwin has permanent collections at the Virginia Lippincott Gallery in Phoenixville and the Federal House in Boalsburg.

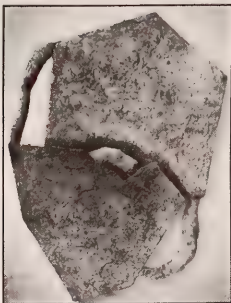
Persian paintings

Oleg Grabar, faculty member of the Institute for Advanced Study at Princeton University, will present "Books or Images: The Esthetics of Persian Painting" at 8 p.m. Tuesday, April 2, in 112 Walker Building at University Park.

The lecture is part of "The Art of Interpreting" series sponsored by the Department of Art History and the Institute for the Arts and Humanistic Studies.

Dr. Grabar was editor of *Art Orientalis* from 1956-69 and currently is editor of *Musarum*. His publications include "The Umayyad Dome of the Rock," "The Formation of Islamic Art," "Islamic Architecture and its Decoration," "The Alhambra" and hundreds of articles.

He received his Ph.D. from Princeton in 1955. From 1969-90, he was the Aga Khan



'Mixed Media on Canvas' by Milim Lim, master of fine arts degree candidate, is among recent work to be exhibited April 5-20 in Zoller Gallery.

Professor of Islamic Art at Harvard University, where he also chaired the Department of Fine Arts from 1977-90.

April Fools' concert

The School of Music will present an April Fools' concert at 8 p.m. Wednesday, April 3, in the School of Music Reital Hall at University Park.

The less than staid repertoire of the evening will include "Art of the Ground Round," the Concerto Handicappo, "Polcsy," "Last Tango in Bayreuth" and others.

Odyssey on WPSU

Russian poet Marina Tsvetaya writes suicide poetry that is also love poetry, Michael Naydan, associate professor of Slavic languages, says on the next episode of "Odyssey Through Literature."

"Essentially, it's love poetry," he explains, contrasting Tsvetaya's poems with those of Sylvia Plath.

"Odyssey Through Literature" is produced by the Department of Comparative Literature in the audio-production studies of WPSU-TV. It airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Trombone choir

The Trombone Choir from the School of Music will perform in concert at 12:10 p.m. Thursday, April 4, in the Eisenhower Chapel at University Park.

The 20-minute concert is part of the Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish. The program will include selected variations arranged from Bach's *Pasacaglia for organ* and "Nimrod" from Elgar's "Enigma Variations."

The choir is directed by Mark Lusk of the School of Music faculty and consists of 25 students, most of whom are music majors.

Graduate exhibit

Milim Lim and Lisa Fluegel, master of fine arts degree candidates in the School of Visual Arts, will exhibit recent work April 5-20 in Zoller Gallery at University Park.

Zoller Gallery, located in the Visual Arts Building, is open 9 a.m. to 5 p.m. Monday through Friday, 11 a.m. to 4:30 p.m. Saturday, and noon to 4 p.m. Sunday.

Slavic Folk Festival

The 13th annual Penn State Slavic Folk Festival will be held from 10 a.m. to 10 p.m. Friday and Saturday, April 5 and 6, and from 1 to 6 p.m. Sunday, April 7, in the HUB Ballroom at University Park.

The festival showcases cultural achievements of Pennsylvania's Slavic-American ethnic groups, featuring exhibits, demonstrations of folk art and live performing groups. In addition, there will be book and artifact booths, an ethnic snack bar and special events for children Friday morning.

Friday's events: folk dance demonstration and instruction by Elizabeth Hanley and members of the Penn State Internationale Dancers, 10 to 11 a.m.; dramatized folk tales, 11 a.m. to noon; Penn State Internationale Dancers, 7 p.m.; and Polka Players will present music for listening and dancing, 8 to 10 p.m.

Saturday's events: Czechoslovak-Moravian Club Dancers, 1 and 4:30 p.m.; Slaviane Folk Ensemble, 2 p.m.; Penn State Internationale Dancers, 3 p.m.; Louis Percis, accordion soloist, 4 p.m.; Barburk Folk Dancers, 7 p.m.; and folk dance party music by ZIMA - Eastern European Ensemble, 8 to 10 p.m.

Sunday's events: Kazka Ukrainian Folk Ensemble, 1 and 4 p.m.; Polonia Polish Folk Dancers, 2 p.m.; St. Nick's Polka Revolution Band, 3 p.m.; closing ceremonies, 4:30 p.m.

The festival is sponsored by the Department of Slavic Languages and the Penn State chapter of Dobro Slovo, the national Slavic studies honor society. Chapter adviser Lorraine Kapitanioff is coordinator of the festival, assisted by Anna Mary Smalley. The festival is free to the public.

University Readers

The University Readers will present three performances to the public during spring semester.

At 8 p.m. Friday and Saturday, April 5 and 6, in Room 112 Kern Building at University Park, the Readers will perform three winners of the Eddie Nichol Award for short fiction. These have been selected by the English Department as the best stories written by students in last year's fiction-writing classes.

The stories selected for performance are "The Signora Battaglia" by Daniela Bucilli, "The More Treacherous Path" by Robb Gilmore, and "A Night of Many Hunts" by Lael Hassinger.

Three children's stories will be performed

at Schlow Memorial Library at 7 p.m. Thursday, April 11, and at 2 p.m. Saturday, April 13.

Three stories by well-known short story authors will be performed in the HUB Gallery Lounge at 8 p.m. Friday and Saturday, April 19 and 20.

Readers theater performances rely on expressing vocal work by the performers and a suggestion of action to create stories in the imagination of a live audience. University Readers performances are presented without charge.

'Into the Woods'

Stephen Sondheim's musical "Into the Woods" answers the question of what comes after "happily ever after."

The 1988 Tony Award winner for best score of a musical will be presented at 8 and 8 p.m. Saturday, April 6, in Eisenhower Auditorium at University Park.

Tickets are available at the Eisenhower Auditorium Ticket Center, 863-0255.

'MANNY'

"MANNY," a one-act play by Gil Abeg, former staff member in the Office of Public Information, will be presented at 8 p.m. Saturday and Sunday, April 13 and 14, at the Jewish Community Center in State College.

The author, who also is directing the play, describes it as "a parable about moral choices in a time of terror."

Mr. Abeg wrote a variety of media programs for the Department prior to his retirement in 1976. He recently was awarded a Fellowship in Playwriting by the Pennsylvania Council on the Arts, in conjunction with the Theatre Association of Pennsylvania.

Tickets for "MANNY" are available at the JCC (620 E. Hamilton Ave.), the Corner Room (Hotel State College), or at the door.

Centre stage season

Carole Brandt, artistic director for Pennsylvania Centre Stage, has announced the 1991 summer season. This year's productions will include the inspiring drama "Driving Miss Daisy," the zany off-Broadway musical "Nurses," and the riveting three-character play "Orphans."

Pennsylvania Centre Stage, the regional professional theater located at University Park Campus, will begin its sixth season on June 19 and run through Aug. 3, with performances held in both the Pavilion and Playhouse theaters at University Park.

See 'Arts' on page 7.

The arts at...

Hazleton Campus

The Repertory Theater of America Alpha Omega Players will present "Same Time Next Year" at the Penn State Hazleton Campus at 7:30 p.m. Wednesday, April 10, in the Highcres Commons.

University Park Calendar

March 28--
April 7

Special Events

Thursday, March 28

Bach's Lunch, 12:10 p.m., Eisenhower Chapel.
Voice Students of Suzanne Roy. Lenten Music.

Friday, March 29

Geog. Coffee Hour, 4 p.m., 119 Walker. Vera Mark on "Cultural Pastiches: Intertextualities in the Monrebeau Lairs Festival Narratives."

Sunday, March 31

Carnegie Hall Film Series, 7 p.m., *The Women* (1939), 9-15 p.m., *The Hound of the Baskervilles* (1959), 108 Wartik. Free.

Monday, April 1

■Comp. Lit. Luncheon, 12:15 p.m., 101 Kern. Robert Edwards on "Desire and Signs in Trollop and Crisseyde."

■International Lecture, 2:30 p.m., 222 Boucke.

Sichan Siv. White House staff, on "The Importance of International Educational Exchange to International Understanding: Federal Initiatives."

Tuesday, April 2

■Center for East Asian Studies, 7:30 p.m., 101 Kern. Seiji Hinata, Japan Info. Center, on "Five American Misperceptions about Japan."

The Art of Interpreting, lecture, 8 p.m., 112 Walker. Oleg Grabar, Princeton, on "Books or Images: The Esthetics of Persian Painting."

Wednesday, April 3

Undergrad. Entomology Club and Dept. of Entomology, 7:30 p.m., 101 Ag Sciences and Industries. Charles Meck, flyfishing author, on "Entomology for Fly Fishermen."

School of Music, 8 p.m., Recital Hall. April Fool's concert.

Celebrate the Family Connection, Keller, through April 5. Register: 865-8301.

Thursday, April 4

Bach's Lunch, 12:10 p.m., Eisenhower Chapel.

Penn State Trombone Choir.
President Thomas will address faculty, staff and students, 4 p.m., Eisenhower Aud.

Friday, April 5

Geog. Coffee Hour, 3:30 p.m., 319 Walker.
Brent Yarnal on "Sex, Lies and Synoptic Climatology."

Conference, HUB. "Feminist Politics of Sexuality: Multicultural Voices," Also April 6.

Saturday, April 6

Eberly College of Science, XEPO '91, 10 a.m.-5 p.m.

Shaver's Creek, Bluebird Box Workshop, 1-3 p.m., Woodcock Walk, 5:30-7:30 p.m. Call 863-2000.

Center for the Performing Arts, 3 and 8 p.m., Eisenhower Aud. "Into the Woods."

Sunday, April 7

Shaver's Creek, Nature Guiding Workshop, 10 a.m.-4 p.m. Call 863-2000.

University Awards Convocation, 2 p.m., Eisenhower Auditorium.

Carnegie Hall Film Series, 7 p.m., *Rebecca* (1940): 9:15 p.m., *Performance* (1970), 108 Wartik. Free.

Conferences

Continuing Education

Keller Building

April 2-4. Maintenance of Commercial Vehicles
Kent Addis, coordinator.



The Kozka Ukrainian Folk Ensemble from Potsville will perform at the Slavic Folk Festival at 1 and 4 p.m. Sunday, April 7, in the HUB Ballroom. Ensemble members are, from left, Michael Duda, Sandra Minarchick, Paula Duda and Joseph Zucotski.

April 3. Dental Seminar. Kent Addis, coordinator.

April 5-6. Pa. High School Speech League. Jerri Milson, coordinator.

April 6. Leaders of the Future. Jerri Milson, coordinator.

Seminars

Thursday, March 28

Combustion and Propulsion, 11 a.m., 501 Keller.
Dr. Nicholas E. Gallopoulos, General Motors Research Labs. on "Improving Internal Combustion Engines through Experimentation and Mathematical Modeling."

Physics Colloquium, 3:30 p.m., 55 Osmond.
Robert W. Field, MIT, on "Dynamics Encoded in Eigenstate and Continuum."

Graduate Program in Ecology, 3:45 p.m., 8 Mueller. Dr. Michael Steele, Wilkes Univ., on "Tannins and Partial Consumption of Acorns by Squirrels: Evidence for a New Mode of Seed Dispersal."

Friday, March 29

Agronomy, 3:35 p.m., 107 Ag Science and Industries. Dr. Jay Harper on "IPM Adoption and Pesticide Use in Pa."

Saturday, March 30
Parivartan, regional seminar, on "Burning Indian Issues," 1-6 p.m., 112 Walker.

Monday, April 1

Entomology, 3:45-4:45 p.m., 204 Patterson.
David O'Brien, Univ. of Md., on "Genetic Modification of Insects: Insect Transposable Elements and Gene Vectors."

Tuesday, April 2

Forest Resources, 11:10 a.m., Conference Room. Land and Water Research. Dr. Winifred Kessler, U.S. Forest Service, on "The New Perspectives Program of the Forest Service."

Chemical Engineering, 2:45 p.m., 140 Fenske. Dr. Elmer L. Gaden, Univ. of Va., on "Bioprocess Technology: What it has and What it may be."

Chemistry Colloquium, 3:30 p.m., 55 Osmond.
Dietmar Seylerth, MIT, on "Silicon Ceramics with a Dash of Boron."

Geosciences, 3:45 p.m., 112 Walker. Randy Parrish, Geological Survey of Canada, on "U-Pb Geochronology and Tectonics of Orogenic Hinterlands: Examples from the Southern Canadian Cordillera and N.E. Canadian Shield."

Ruth Pike Lecture Series, 4 p.m., 501 Keller. William Blaser, Columbia Univ., on "The Role of Adipose Tissue in Retinol Storage and Metabolism."

Condensed Matter Physics, 4 p.m., 339 Davey. Dr. Chuck Bouldin, NIST.

Institute of Molecular Evolutionary Genetics, 4 p.m., Mueller. Clyde Hutchison III, Univ. of North Carolina, on "Mammalian Genome Evolution."

Thursday, April 4

Physics Colloquium, 3:30 p.m., 55 Osmond. Dr. H.K. Mao, Carnegie Institute of Washington, on "Metallic Hydrogen."

Graduate Program in Ecology, 3:45 p.m., 8

Arts

Continued from page 1.

The season starts off with "Driving Miss Daisy," written by Alfred Ury. It tells the story of Daisy, an elderly, white, Southern widow, who refuses to give up her independence when her son hires Hoke, a black man with enduring patience, to be her chauffeur. Despite initial conflicts, Daisy and Hoke teach each other to see beyond their differences throughout a 25-year companionship.

"Driving Miss Daisy" runs June 21, 22, 25-29 and July 2, 3, 5 and 6, with previews performance on June 19 and 20 in the Pavilion Theatre.

The award-winning musical "Nunsense," written by Dan Coggins, takes nuns out of the church and puts them onstage. In order to raise money to bury their fellow sisters who were accidentally served poisoned

Mueller, Dr. Elizabeth A. Newell, Hobart and William Smith College, on "Effects of Treefall Gaps on the Physiology and Growth of Tree and Shrub Species in a Costa Rican Rainforest." Gerontology Center Colloquia, 4-5 p.m., 100 Mitchell. Raymond Coward, Univ. of Florida, on "Residential Differences in the Use of Formal and Informal Sources of Care."

Friday, April 5

Agronomy, 3:35 p.m., 107 Ag Science and Industries. Dr. Doug Bergle and Dick Cox on "Penn State Agronomists in the USSR."

Exhibits

Chambers Gallery

Art Education Graduate Students exhibition, through April 26

HUB Galleries

Browsing Art Gallery: Dept. of Corrections Inmate Art exhibit. "Impressions," through March 31

Formal Gallery:

■Getulid and Harte. Zur Geschichte der deutschen Rockmusik ("Tough and Tender: The History of German Rock Music"), through April 28.

Kern Gallery

Marlee Erwin, watercolors, "Essentially Iris," April-May 3.

Palmer Museum of Art

Abstracting the Landscape: The Artistry of Landscape Architect A.E. Bye, through March 30.

Pattee Library

Lending Services Gallery: Mark A. Deller, "New Developments," through April 21.

East Corridor Gallery:

Jennifer Nelson, paintings, oils and watercolors, through April 21.

West Lobby Gallery:

Jennifer Nelson, photographs, through March 30.

Zoller Gallery

Undergraduate Junior Exhibition, through March 30.

Milim Lim and Lisa Flugel, MFA candidates, recent work, through April 5-20.

■Reflects an international perspective

vichyssoise, the runs of the Mt. Saint Helen's High School present a rambunctious variety show.

"Nunsense" runs July 5, 6, 9-13 and 16-20, with preview performances on July 3 and 4 in The Playhouse theater.

The season closes with "Orphans," written by Lily Kessler. The play explores the world of two brothers, one a prisoner in his own house, the other a petty thief.

The arrival of a stranger named Harold opens their eyes and changes their lives forever. The play contains adult language.

"Orphans" runs July 19, 20, 23-27, 30 and 31 and Aug. 1-3, with previews on July 17 and 18 in the Pavilion Theatre.

Season subscriptions are now available. For ticket information or reservations, call the Eisenhower Auditorium Ticket Center at (814) 863-0255, open Monday through Saturday from 8:30 a.m. to 4:30 p.m.

Partings



Isabel A. Carson

Isabel A. Carson, administrative assistant in the Graduate School, has retired after 31 years service.

She has been responsible for accounting, budgets, payroll and administration of research and general funds for the Materials Research Laboratory since 1963. Ms. Carson began working for Penn State in the Bookkeeping Department shortly after graduating from high school, but left for several years to raise a family.

She and her husband, Fred Carson, owner of Fred Carson Trucking, have a daughter who graduated from the College of Education, and a son who is in the family business. They also have three grandsons. In retirement, Ms. Carson plans to visit family, garden and enjoy other activities.

Melvin C. Getz has retired as assistant food service manager in the Department of Housing and Food Services after 25 years service.

He began working for the University in 1965 as assistant food service manager for the HUB Eateries. In 1985, he assumed the same position in Pollock Dining Commons.

He was responsible for ordering food and ensuring that operations ran smoothly. "My favorite part was working with the students. They were a lot of fun," he said.

Mr. Getz, a resident of Tyrone, plans to

spend his retirement fishing, hunting and traveling to find some new places to fish.

Laxman N. Mulay, professor of solid state science, has retired with emeritus status after 27 years service.

He joined the University faculty in 1963 as associate professor of solid state science, and was promoted to professor in 1967.

While at Penn State, he has been associated with various sections within the Department of Materials Science and Engineering and served for a five-year term as chairman of the interdisciplinary program in solid state science.

He is internationally recognized for his contributions to magnetism and magnetochemistry, focusing on fine metallic particles, complexes, polymeric systems and minerals.

Dr. Mulay received three degrees from the University of Bombay: B.Sc. (Hons) *magnus cum laude* in chemistry-physics, M.Sc. in organic chemistry, and Ph.D. in chemical physics. From 1950 to 1963, he held various research and teaching appointments at the Universities of Bombay and Cincinnati, and at Northwestern and Harvard universities.

He is an elected Fellow of the Royal Society of Chemistry, a senior member of the Institute of Electrical and Electronics



Laxman N. Mulay



William H. Patton

Engineers, and an active member of the American Chemical Society. He is author or coauthor of about 200 scholarly publications and three books.

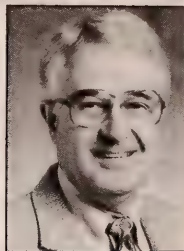
In retirement, Dr. Mulay is continuing his research and currently writing two books in the general area of magnetism.

William H. Patton, assistant professor of veterinary science, has retired from the College of Agriculture after 28 years service.

He taught methods of animal cell culture, biology of animal parasites and anatomy of animal livestock. He conducted research on coccidia of poultry, a parasitic protozoan, and was the first to cultivate the coccidia in cultured animal cells.

Dr. Patton coordinated the internship program in the Department of Veterinary Science and also served as a student adviser. In 1985, he was recognized by the Undergraduate Student Government Academic Assembly for excellence in advising.

He is a member of the American Association for the Advancement of Science, the Tissue Culture Association, the American Society of Parasitologists, the American Association of Avian Pathologists, Sigma Xi and the Helminthological Society of Washington. He earned his doctor of veterinary



Glenn E. Steyers

medicine at Michigan State University, his master of science in veterinary science and his doctorate in veterinary virology at the University of Wisconsin in 1960 and 1963, respectively.

Glenn E. Steyers, associate professor of horticulture, has retired from the College of Agriculture after 25 years service.

A registered landscape architect, he rejoined the College in 1987 as coordinator of the undergraduate major in landscape contracting. He started his teaching career at the University in 1957, when in the Landscape Architecture Department was part of the College.

Previously, he was associate professor of landscape architecture at the University and the senior adviser for undergraduates in the department. He worked with the College on a proposal to establish a university arboretum and represented the University with exhibits at the annual Philadelphia Flower Show from 1969 to 1986.

From 1960 to 1969, he taught at West Virginia University and started an academic program in landscape architecture.

He earned a bachelor of science degree in horticulture/landscape design in 1952 and a master of science in 1954 from Penn State.

In retirement, he will maintain studios in Florida and State College.

Faculty/Staff Alerts

Drug awareness training

Since fall of 1989, almost 300 administrators, human resources representatives and supervisors from all University locations have participated in the Office of Human Resources' Drug Awareness Training Program. Purpose of the program is to provide faculty and staff in supervisory positions with an orientation to the University's policies and procedures related to drug and alcohol use at work and an overview of interrelated health concerns.

The half-day seminar, coordinated by the Faculty/Staff Health Promotion Office and Human Resource Development Center, includes practical information about commonly used drugs, work-related signs

of abuse, and resources available for assistance in dealing with such problems.

Nancy Sassano, coordinator of Faculty/Staff Health Promotion, provides an overview of legislative requirements as well as workplace health and safety issues associated with alcohol and other drugs.

Bob Maney, manager of employee relations, guides the participants in effective use of Penn State employee relations services for intervention with employees. A visual display of various drugs and paraphernalia is presented by Officer Mike Teeters as he discusses the roles of the supervisor and police services in the legal aspects of drug use on campus.

This academic year's final offering of the

Drug Awareness Training Program will be from 1:15 to 4:45 p.m. Wednesday, April 17, in 319 Rider Building. The registration fee is \$10. For enrollment information, consult the Human Resource Development Center spring course schedule or call the HRDC at (814) 865-3410.

Courses for faculty and staff

The Human Resource Development Center has openings in the following courses. Call the center at 865-3410 for registration information.

Career issues for women Identifies internal and external barriers to advancement and strategies for overcoming them; meets 9 a.m. to 4 p.m. Monday, April 1; cost: none.

Employment interviews Provides practical training and pointers to individuals who interview applicants for employment

vacancies; meets 1:30 to 4 p.m. Tuesday, April 2; cost: none.

Managing change Program based on Ken Blanchard's video, which provides the framework for understanding the complexities of change; meets 9 a.m. to 4 p.m. Wednesday, April 3; cost: \$55.

Report writing Designed to give administrators, managers and other professional employees practical instruction in the fundamentals of report writing, including preparation and organization; meets for eight sessions, 9 a.m. to noon, Thursdays, April 4 to May 23; cost: \$95.

The one-minute manager Provides a practical guide to managing and developing people through goal setting, praising, redirecting and/or reprimanding, based on Ken Blanchard's video; meets 9 a.m. to 4 p.m. Friday, April 5; cost: \$55.

Private Giving to Penn State

Endowment established for Anglo-German chair

AEG Westinghouse Transportation Systems has given \$150,000 to help endow a faculty chair in Anglo-German Literary and Cultural Relations.

The gift will upgrade a professorship in German, one of eight created by a \$1-million grant from the National Endowment for the Humanities, Theodore Kiffer, acting dean of the College of the Liberal Arts, said.

"We now have a substantial basis for a chair in German-American literature and cultural relations," Dr. Kiffer said. "These prestigious positions aim to attract or retain eminent scholars and to offer outstanding opportunities for teaching and research."

"Although \$1 million is needed to endow a chair, we are almost halfway there already. We feel confident that AEG Westinghouse's generosity will spark further contributions. We are indeed grateful."

John R. Tucker, who was instrumental in securing the gift, is president of the Pittsburgh-based company and a 1969 University graduate with a degree in mechanical engineering.

"We're pleased to participate in the funding of this chair," Mr. Tucker said. "The position will enhance the understanding of Anglo-German



Viewing materials from the Allison-Shelley Collection in Pattee Library are, from left, Ernst Schurer, professor and head, Department of German; John Tucker, '69, president, AEG Westinghouse; Charles Mann, librarian and head, Rare Books Room, Pattee Library; and Emmett Meyer, vice president for human resources, AEG Westinghouse.

literature and culture, and as our world continues to shrink, we believe such

chairs will provide the basis for improved understanding and

relationships between Germany and America."

AEG Westinghouse Transportation is a manufacturer of electronic controls and components and urban transportation systems. The company is owned by Daimler-Benz, the German car and electronics manufacturer best known for the Mercedes-Benz line of automobiles.

Pennsylvania has a long and rich heritage of German settlement and has the largest population of Americans of German descent. The University's German Department was established in 1901, but German has been taught continuously here since 1864. Currently approximately 1,200 students take German courses each semester.

The chair in Anglo-German Literature and Cultural Relations will make possible, among other things, expanded research into the University's Allison-Shelley Collection. The collection has holdings spanning three centuries, including English translations of German literature, travelers' commentaries from both sides of the Atlantic, documents relating to the use of the Christmas tree, and children's literature.

The college has a chair in Jewish Studies and the Smeal Chair in Literary Theory and Comparative Criticism, which also are privately funded.

Alumnus' gift to increase potential for success

Penn State alumnus Arthur J. Nagle and his wife, Paige, have donated \$100,000 for the Penn State Educational

Partnership Program (PEPP) to help disadvantaged students succeed in school.

Mr. Nagle is chairman of Vestar Capital Partners Inc., of New York, a private investment firm.

Through partnership programs already in place in the McKeesport and Reading

school systems, Penn State works with the school district to encourage disadvantaged students as early as sixth grade to stay in school and go to college.

"When Paige and I were first thinking about becoming involved with PEPP, we were both attracted to the program's most important benefit, an increase in the potential for personal success in the American mainstream," Mr. Nagle said. "As we learned more, we believe that

PEPP can and will make a difference. We strongly encourage others to learn more about this exciting program and consider lending their financial support as well."

As part of the partnerships, the University offers workshops in science and writing, teacher workshops on cultural diversity, summer academic programs and information for families on the value of education. The first partnership program was initiated in

Reading and was followed by a new program in McKeesport last year.

The University plans partnerships with up to six Pennsylvania school districts.

Mr. Nagle earned a bachelor's degree in mathematics from Penn State in 1961 and an MBA in finance from Columbia University. The Allentown native now lives in Bronxville, N.Y., with his wife and two children.

College of Education receives scholarship funds

Eugene A. Larson, founder and former president of two Lewistown manufacturers, has given the College of Education \$100,000 to establish a scholarship in memory of his father.

The Burdett E. Larson Scholarship in the College of Education will benefit students who show the potential to be outstanding educators. Qualified students in Clearfield County will be eligible, with first preference given to graduates of the Morrisdale-based West Branch High School.

Burdett E. Larson received a master's degree in education from Penn State in 1938 and was a teacher and administrator for 37 years near his native Grassflat, Cooper Township. His first teaching job was in 1931, when he was an eighth grade teacher and principal of

the Winburne Elementary School.

He became supervising principal of Cooper Township School District in 1940 and continued in that capacity for 33 years. With the merger of Cooper and Morris Township schools, he became principal of West Branch High School.

"My father was a dedicated teacher and public education leader who loved his work and his students," Mr. Larson said. "This scholarship seeks to help young people who show promise of someday being a credit to this honored profession."

Mr. Larson is now a member of the Scientific Advisory Board of Westmark International in Seattle. From 1988 until last year, he was president of Advanced Technology Laboratories Inc., a diagnostic ultrasound

company in Bothell, Wash.

He ran three companies in Lewistown between 1965 and 1982, and he was founder, president and majority shareholder of Echo Laboratories Inc. from 1973 to 1982. He also was president and owner of a technical consulting firm, Blue River Laboratories, from 1972 to 1978, and Aerotech Laboratories from 1965 to 1972. Echo and Aerotech are developers and manufacturers of medical and industrial ultrasound electronics.

Between 1982 and 1986, Mr. Larson served with Johnson and Johnson, after it acquired Echo Ultrasound. During 1986-87 he held the position of professor of entrepreneurship and innovation in the College of Engineering. He maintains a home in State College, and two of his daughters are Penn State graduates.

Promotions

Staff Exempt

Darlene Fike, to conference service assistant in Nittany Lion Inn.
 George W. Hamilton, to supervisor, Landscape Management Research Center in Agriculture.
 Cheryl Kaplan, to area representative at Penn State Osgood Campus.
 Richard A. Kerten, to production director, program productions in Continuing Education.
 Patricia A. McMahon, to coordinator, health and wellness services at Penn State Erie, The Behrend College.
 Hendrik K. Meij, to project assistant in Senior Vice President for Research and Dean of the Graduate School.
 Frances E. Smith, to administrative head nurse at Hershey.
 Vicki L. Spadaccio, to assistant coordinator, Contracts and Grants Management in Research and Graduate School.

Staff Non-Exempt

Gary C. Gentzel, to network operator in C&IS-Management Services.
 Jill M. Kerschner, to research technician at Hershey.
 Zhanna Korsunsky, to senior research technician at Hershey.
 Zuzana G. Loring, to research technician at Hershey.
 Keith Shaffer, to senior research technician in Agriculture.
 Sherry L. Yocum, to administrative assistant in Research and Graduate School.

Clerical

Jolene A. Brown, to secretary C in Office of the President.
 Susan Clemson, to clerk, accounting A in Penn State Bookstore.
 Jennifer L. Conner, to clerk, typist A at Penn State DuBois Campus.
 Shelly L. Eby, to clerk, insurance followup at Hershey.

Pamela J. Kedzior, to accounting clerk at Penn State Erie, The Behrend College.
 Rosemary K. Manning, to secretary B in Eberly College of Science.
 Kim McClelland, to clerk, accounting A at Penn State Erie, The Behrend College.
 Karol M. McClintic, to accounting clerk in Corporate Controller's Office.
 Lisa J. Skishalle, to clerk, insurance followup at Hershey.
 Irene R. Spooner, to secretary B at Penn State DuBois Campus.
 Linda L. Walter, to clerk, accounting A in Penn State Bookstore.
 Jennifer L. Wellar, to secretary B in Engineering.
 Mary E. White, to clerk, typist A at Penn State Beaver Campus.
 Sandra J. Williams, to secretary B at Penn State New Kensington Campus.
 Linda R. Werner, to accounting clerk in Division of Development and University Relations.
 Joanne Zielinski, to clerk, accounting A at Penn State Great Valley.

Deborah L. Zimmerman, to secretary A in Engineering.

Technical Service

John Bessey, to community service officer at Penn State Worthington Scranton Campus.
 Douglas N. Fritz, to incinerator operator at Hershey.
 Kevin B. Hahn, to electrician A in Office of Physical Plant.
 Susan I. Kyle, to baker, utility in Housing and Food Services.
 Carolyn Schreffler, to media and sterilization attendant group leader at Hershey.
 Kathy J. Taylor, to campus bus driver in Office of Business Services.
 Charles F. Wendler, to maintenance worker, area landscape in Office of Physical Plant.
 Dorothy M. White, to patient care assistant at Hershey.

Penn Staters

John S. Bischoff, director of auxiliary services, has been installed as president and chief elected officer of the National Association of College Stores.

George S. Dulikravich, associate professor of aerospace engineering, presented lectures on computational fluid mechanics at research institutes in Santa Fe, Buenos Aires and Bariloche, Argentina, and a paper at the Pan-American Congress of Applied Mechanics in Vina del Mar, Chile.

Kenneth K. Kuo, distinguished professor of mechanical engineering, presented a lecture program for the National Science Council of the Republic of China in Taiwan. Topics were "Present Challenges in Solid Propellant Combustion Research," "Hot Fragment Conductive Ignition of Solid Propellants" and "Combustion, Flame Spreading and Mechanical Deformation During Dynamic Loading and Crack Propagation in Solid Propellants."

Samuel H. Levine, professor of nuclear engineering, presented a paper on "Using Optimization Techniques for Finding Potential Superior Reload Configuration for the TMI-2" at the Nuclear Societies of Israel annual meeting in Herzliya, Israel.

Diana Liverman, associate professor of geography, has been named a second place winner of the George and Cynthia Mitchell Prize for Sustainable Energy. Dr. Liverman, who also is an associate of the Earth System Science Center,

received a cash award of \$20,000 for her essay "The Regional Impacts of Global Warming in Mexico: Uncertainty, Vulnerability and Response."

Jerry Olson, holder of the Charles and Lillian Binder faculty fellowship, has been invited to serve on the editorial board of the new journal *Critical Perspectives: Culture, Consumption, Marketing and Organization*.

Laura L. Pauley, assistant professor of mechanical engineering, is a recipient of the 1991 Society of Automotive Engineers Inc. Ralph R. Teetor Educational Award for her "outstanding contributions as one of the nation's top engineering educators."

Michele V. Ronnick, assistant professor of classics, will present a paper on "The Aristocracy of Cicero's Fifth Paradox" during the Classical Association of the Middle West and South's spring meeting at McMaster University in Hamilton, Ontario.

Peter A. Rubba, associate professor of science education, has been appointed a member of the Assessment/Evaluation Committee, National Association for Science, Technology and Society; the Low-Level Radioactive Waste Information Network, Chem-Nuclear Systems Inc., a Pennsylvania public input group; and the Advisory Board, Pennsylvania Environmental Council. He also was named chair, Publications Committee, Association for the Education of Teachers in Science.

Kathy Ruhl, assistant professor of special education, was appointed a consulting editor to *Behavioral Disorders*, the journal of the Council for Children with Behavioral Disorders.

John Salvia, professor of special education and head of the Department of Educational and School Psychology and Special Education, was the keynote speaker for the first annual international conference of the Council for Educational Diagnostic Services held in New Orleans. He spoke on "Jazzin' Up Assessment."

Domenic A. Santavica, associate professor of mechanical engineering, has won the Forest R. McFarland Award for service as a Society of Automotive Engineers session organizer and as national vice chairman of Combustion for the Fuels and Lubricants Activities.

Andrew Scanlon, professor of civil engineering, has received a renewal grant of approximately \$8,250 from NATO for his project "Finite Element Analysis of Reinforced Concrete: Static and Dynamic Loading." As project coordinator, he is working in collaboration with D.V. Phillips, Glasgow University, United Kingdom.

Hoi Suen, associate professor of educational psychology, has been appointed a member of the Technical Peer Review Panel of the Law School Admission Council, which develops

and manages the Law School Aptitude Test.

N.S. Umanath, assistant professor of management information systems, served as chairman of the session "Rigor in Information Systems Research" for the conference on "The Information Systems Research Arena of the '90s," held at Copenhagen Business School, Denmark.

Susan F. Weis, associate professor of education, was named the 1990 recipient of the Outstanding Contribution Award of the Home Economics Division of the American Vocational Association in acknowledgement of her scholarship and service to the division.

Paul W. Welliver, professor of education, has received the Pennsylvania Association for Educational Communications and Technology Pioneer Award "for long and successful service in the field of educational technology."

Rami Zwick, assistant professor of marketing, has received the New Investigator Research Award from the Society for Mathematical Psychology for co-authoring the papers "Relative Gain Maximization in Sequential Three-Person Characteristic Function Games" and "Combining Stochastic Uncertainty and Linguistic Inexactness: Theory and Experimental Evaluation for Four Fuzzy Probability Models."

Focus on Research

Intercom
March 28, 1991

Fish Food scientist focuses on fish in series of research studies

The taste of fresh, frozen, wild and farm-raised fish is keeping food scientist Joseph H. MacNeil busy in the laboratory and on the telephone.

In two separate studies, one on fresh and frozen cod and one on wild and farm-raised salmon, Dr. MacNeil's findings have stirred the interest of consumers, fishermen, academicians and professionals alike, and resulted in many phone calls about both research projects. Following are reports on the projects.

Fresh vs. frozen cod

Fresh fish may not always be the best buy when it comes to taste or cost, Dr. MacNeil, professor of food science in the College of Agriculture, found.

Frozen cod fillets, which were half the cost of fresh cod, beat the fresh cod in taste tests conducted at the University's Sensory Evaluation Laboratory.

"American consumers generally equate high quality with a fresh product; therefore, frozen seafood products often are perceived as having lower quality than so-called 'fresh' products. Frozen fish, if handled properly, can be an excellent buy and have excellent quality," he said.

In the study conducted by Dr. MacNeil and graduate student Chien-Hui Yang, the quality of frozen-at-sea cod was compared with the quality of fresh retail cod.

The frozen cod was frozen within four hours of being harvested at sea, while the fresh cod was obtained from two local supermarkets on the same day each week of the study.

A panel of 120 consumers participated in the sensory evaluations, comparing the overall acceptability, flavor and texture of the three types of cod used in the study: frozen, fresh and fresh 2.

"The frozen-at-sea cod rated higher than fresh cod samples in all three categories," he noted.

On a rating scale of one to nine, with nine being the best score, the frozen cod received a score of 6.77 for overall acceptability, 6.68 for flavor and 6.65 for texture.

Fresh 1 received scores of 4.87 for overall acceptability, 4.72 for flavor and 5.27 for texture, while fresh 2 received scores of 5.94 for overall acceptability, 5.68 for flavor and 6.21 for texture. (Scores in the 5.00 to 6.00 range are considered to be in the low end of the acceptable range.)

In addition to the taste tests, the researchers conducted physical and chemical analyses to determine if differences exist in quality between frozen and fresh cod. He plans further studies on the chemical reactions occurring within fish to learn more about how these factors affect quality.

Wild vs. farm-raised salmon

Farm-raised salmon beat out wild Atlantic and Pacific salmon in consumer taste tests conducted at the Sensory Evaluation Lab.

"Our findings surprised us," Dr. MacNeil said. "Alaskan salmon, one of the types of salmon we tested, is considered the best salmon available."

"In sensory evaluation tests, however, our consumer panelists selected Atlantic land-based salmon as the best tasting of four varieties of salmon. These findings lend support to the growing aquaculture industry, which raises fish on land."

"U.S. seafood consumption has nearly doubled since the 1970s, to a peak of 15.7 pounds per person in 1987," he said. At the same time, Americans have begun eating more fish for health reasons.

The two-year research project comparing Atlantic and Pacific ocean salmon with Atlantic land-based and pen-reared salmon was conducted by Dr. MacNeil and Gretchen E. Bartos, a food science graduate student.



Joseph H. MacNeil is shown at his office in Borland Laboratory. (Photo by Steve Williams)

The project is the first of its kind to compare differences in fish, he said. The researchers looked at physical and biochemical properties of salmon, as well as its consumer acceptability.

Wild ocean salmon were compared with salmon raised on land in concrete tanks (aquaculture method) and salmon raised in sea cages in ocean inlets (mariculture method). Method of cultivation and geographic location were taken into account along with factors such as moisture losses suffered during freezing and cooking, color intensity of the fish and omega-3 fatty acid content, he said.

Currently, aquaculture- and mariculture-raised fish account for 20 percent of total fish production.

Fifty consumer panelists drawn from the faculty, staff and student groups at the University made sensory evaluations of the salmon once at the

beginning of the project and again after the salmon had been frozen for six months. Strict testing procedures prevented the panelists from knowing which type of salmon they were evaluating. Their ratings of the four types of salmon remained the same during both evaluations.

Atlantic land-based salmon rated the highest in overall acceptability, texture and flavor; Pacific wild type was second. Atlantic pen-reared was third and Atlantic wild type was last.

Other aspects of the research looked at the amount of omega-3 fatty acids in each type of salmon. The highest amounts were found in Atlantic wild salmon. To compensate for a lower amount of omega-3 fatty acids, aquaculturists can manipulate the fatty acid content in their farm-raised salmon, Dr. MacNeil said.

— Deborah A. Benedetti

Staff Vacancies

The following vacancies for positions classified at staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. **APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304).** Applications for these staff vacancies will be accepted until April 4. **DO NOT CONTACT THE AREA THAT HAS THE VACANCY.** Applications for staff vacancies are considered in accordance with Fair Employment Practices (PS-1) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law), sex or status as a disabled or Vietnam era veteran.

■01391, Administrative Assistant, CES, Continuing Education, University Park Campus—Responsible to the vice president of Continuing Education for the overall supervision of the office and for handling a wide range of administrative matters for the vice president. Requires bachelor's degree and one to two years of effective experience in administrative work, and project management. Excellent verbal, written, interpersonal, and organizational skills required. **STAFF GRADE 0**. This is a re-announcment. Previous applicants must re-apply.

■01392, Accounting Assistant, Student Services, University Health Services, University Park Campus—Responsible to the business office manager for budgeting and accounting control in University Health Services. Requires associate degree, or equivalent, in accounting or related field plus two to three years of effective experience. Familiarity with evaluating and implementing accounting systems within a university or a community health care setting is preferred. A strong background in computer operations is highly desirable. A bachelor's degree is preferred. **STAFF GRADE 5**. This is a re-announcment. Previous applicants must re-apply.

■01393, Athletic Trainer II, Intercollegiate Athletics, University Park Campus—Responsible to the coordinator of sports medicine for developing prescribed treatment

programs and individual rehabilitation programs for student-athletes in moderate to high risk sports. Requires bachelor's degree in health education, physical education or equivalent, plus one to two years of effective athletic training experience in Division I, Division IA football or equivalent. Master's degree preferred. Current certification with the National Athletic Trainers Association required and certified with the state of Pennsylvania or eligible. **STAFF GRADE 6**. This is a re-announcment. Previous applicants must re-apply.

■01394, Environmental Analyst, College of Engineering, Department of Nuclear Engineering, University Park Campus—Responsible to the supervisor, Low Level Radiation Monitoring Laboratory and faculty member for conducting low level radiation monitoring and neutron activation analysis and for performing various laboratory procedures. Requires bachelor's degree, or equivalent, in chemistry or related field and six months to one year effective experience in an analytical laboratory environment. **STAFF GRADE 4**. This is a re-announcment. Previous applicants must re-apply.

■01395, Publicity Coordinator, University Arts Services, Center for the Performing Arts, University Park Campus—Responsibilities include development and coordination of marketing campaigns and plans for Center programs and other client organizations. Requires bachelor's degree in communications, related field and one to two years effective experience. This is a fixed-term position funded through June 30, 1992, with excellent possibility of re-funding. **STAFF GRADE 0**. This is a re-announcment. Previous applicants must re-apply.

■01396, Director of Community Relations, Community Relations, Penn State Harrisburg—Responsible for organizing and conducting a comprehensive University relations program for the college. Requires bachelor's degree, or equivalent, in relevant field, plus a minimum of over four years of effective experience involving management experience and/or journalistic writing and public relations. Experience in higher education is highly desirable. Excellent oral and written

communications skills essential. **STAFF GRADE 0**. This is a re-announcment. Previous applicants must re-apply.

■01397, Coordinator, Student Support Programs and Minority Student Affairs, Student Assistance Center, Penn State Harrisburg—Responsible to the associate director of student affairs for student assistance for the development, coordination, supervision, and implementation of service oriented programming. Requires master's degree, or equivalent, in counseling, student personnel service or a closely related field plus one to two years of effective experience. **STAFF GRADE 7**. This is a re-announcment. Previous applicants must re-apply.

■01398, Computer and Information Systems Specialist, Computer Center, Penn State Harrisburg—Responsible to the director of computer and information systems for providing assistance to systems users concerning hardware, software or communications problems and for coordinating the repair of equipment. Requires associate degree, or equivalent, in computer science, electrical engineering, technology mathematics or related field and one to two years of effective experience in computer systems. **STAFF GRADE 4**. This is a re-announcment. Previous applicants must re-apply.

■01399, Nursing Assistant, Student Services, University Health Services, University Park Campus—Responsible to the nurse manager for providing clinical and nursing support services in the Outpatient Department, Urgent Care Clinic and Observation Unit. Requires high school graduate, or equivalent, completion of certification as nursing assistant plus three to six months of effective experience. This is a full-time, 10-month, night shift position. **STAFF GRADE 2**. This is a re-announcment. Previous applicants must re-apply.

■01400, Assistant Manager, Housing and Food Services, Penn State Harrisburg—Responsible to the manager of housing and food services for assisting in supervising the overall operation of the Housing and Food Services units at the Commonwealth Campus to which assigned. Requires bachelor's degree, or equivalent, in institutional management plus one to two years of effective

experience in food service supervision. **STAFF GRADE 5**. This is a re-announcment. Previous applicants must re-apply.

■01401, Nursing Assistant, Student Services, University Health Services, University Park Campus—Responsible to the nurse manager for providing clinical and nursing support services in the Outpatient Department, Urgent Care Clinic and Observation Unit. Requires high school graduate, or equivalent, completion of certification as nursing assistant plus three to six months of effective experience. This is a full-time, 12-month, day and evening rotating shift position. **STAFF GRADE 2**. This is a re-announcment. Previous applicants must re-apply.

■01402, Coordinator, Personal Counseling Programs, Student Assistance Center, Penn State Harrisburg—Responsible to the associate director of student affairs for student assistance for providing counseling and referral services to students requiring psychological assistance. Serve as resource person for personal counseling activities. Requires a doctorate in counseling psychology, educational psychology, or clinical psychology, plus up to one year of effective experience. Professional licensure/certification preferred. **STAFF GRADE 7**.

■01403, Graphics Programmer, Computer and Information Systems, Center for Academic Computing, University Park Campus—Responsible to the manager, visualization and workstations, for software development, software installation and maintenance, general consulting for faculty, staff and researchers. Requires bachelor's degree, or equivalent, in computer science or a

related field plus two to three years of effective experience in computer graphics. Familiarity with VM/CMS and Unix is desired. Familiarity with one or more of the following also is desired: SAS/Graph, the Precision Visuals software suite (DI-3000, Contour, PV-Wave, etc.), NCAR Graphics, PostScript, Sun and NextT Workstation. **STAFF GRADE 7**.

Hershey

For the following position vacancies, apply directly to The Milton S. Hershey Medical Center. Attach resume with cover letter indicating the position vacancy code and forward to the Department of Human Resources, Hershey, or call the Hershey bid line at (717) 531-8531 by April 4.

■17344, Supervisor, Cost Accounting and Reimbursement, Department of Financial Management—Responsible for supervising cost accounting functions and for conducting various financial planning studies and analysis concerning new and existing hospital services. A bachelor's degree (or equivalent) in a business related field with an emphasis in accounting and two to four years of effective experience. Some supervisory experience also is required. **STAFF GRADE 7**.

■17350, Employment Specialist, Department of Human Resources—Responsible to the associate director, Human Resources, for assigned recruiting campaigns. Requirements include a bachelor's degree or equivalent in business or related field plus over one year up to and including two years of effective experience. **STAFF GRADE 6**.

Regional seminar on India

The first in a series of "traveling" seminars focusing on problems besetting India today will be held from 1 to 6 p.m. Saturday, March 30, in Room 112 Walker Building at University Park. Representatives from several universities in the Northeast will participate in the seminar which is sponsored by Parivartan, a student, faculty and staff group at the University which is committed to supporting social, political and economic progress in India.

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7517.

William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

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April 4, 1991

Volume 20, Number 27

Convocation will honor students, faculty and staff

The annual Penn State Awards Convocation to honor outstanding students, faculty and staff will be held at 2 p.m. Sunday, April 7, in Eisenhower Auditorium at University Park.

The ceremony is open to the public and will feature **President Thomas** as guest speaker. He and **Charles L. Hosler**, acting executive vice president and University provost, will officiate and make presentations.

Dr. Thomas will present the faculty-staff

achievement awards: the Barash Award for Human Service, McKay Donkin Award, John E. Wilkinson Award for Administrative Excellence and the Award for Outstanding Contributions Improving Equal Opportunity and Cross-Cultural Relations.

Dr. Hosler will present the undergraduate scholastic awards: President's Freshman Award, President Sparks Award for sophomores and Evan Pugh Scholar Award for juniors and seniors.

In addition, he will present the John W. White Graduate Fellowship and a series of faculty teaching awards: the Christian R. and Mary F. Lindback Award for Distinguished Teaching, the George W. Atherton Award for Excellence in Teaching, and Penn State Teaching Fellow and Excellence in Advising awards.

Howard B. Palmer, associate dean of the Graduate School, will present faculty scholar medals for life and health sciences,

arts and humanities, and physical sciences and engineering.

William W. Asbury, vice president for student services, will present the following student achievement awards: the Ralph Dorn Hetzel Memorial Award, the Eric A. Walker Award, the John W. Oswald Award, the Ernest B. McCoy Memorial Award for Outstanding Adult Student Award for University Park, and the Graduate Student Service Award.

President's statement on Knight Commission Report

The Knight Commission Report issued recently calls for a welcome and needed return to standards in intercollegiate athletics across the nation. The report provides an excellent guide that should ensure a continuation of the reform movement under way in intercollegiate athletics. Particularly welcome is the Commission's recognition that intercollegiate athletics, conducted properly in the college and university setting, can be educational in the best sense of the word: they teach students

and fans about testing themselves, about the values of challenge and response, hard work and discipline. These lessons are worth preserving amidst what the Commission has identified as "patterns of abuse" that must be reversed in intercollegiate athletics.

The Penn State community can be proud of the leadership former President of the Board J. Lloyd Huck and President Emeritus Bryce Jordan brought to the Commission. We also can be proud that Penn State's tradition in

athletics -- where the scholar-athlete is at the center of the University's athletics program -- has been viewed as a model worthy of study and emulation.

The Board of Trustees at Penn State has traditionally supported presidential authority in the administration of athletics, both through the Board Chair and through the Board liaison to Intercollegiate Athletics. Penn State has been a leader in keeping faith with the student-athlete and will continue to do its part in making sure that the

important message the Knight Commission has advanced is supported. We will, of course, work with our colleagues in the NCAA to ensure that the appropriate follow-up to the Commission's recommendations occurs.

I am confident that the Board Chair, its liaison to Intercollegiate Athletics and its representative to the Knight Commission will discuss the report in detail at the Board's meeting in May.

President Thomas

Four faculty members will receive scholar medals

Four University faculty members will receive the 1991 Faculty Scholar Medals for Outstanding Achievement during the University Awards Convocation.

They are **Paul West**, professor of English and comparative literature, for the arts and humanities medal; **Terry D. Eiherton**, professor of animal nutrition, and **Kathryn F. LaNoue**, professor of cellular and molecular physiology at the Hershey Medical Center, for the life and health sciences medal, and **Barry Voight**, professor of geology and geological engineering, for the physical sciences and engineering medal.

Established in 1980, the Penn State award recognizes scholarly or creative excellence represented by a single contribution or a series of contributions around a coherent theme. A committee of faculty peers reviews nominations and selects candidates. The recipients are awarded by President Thomas.

The faculty members will receive engraved medals and \$1,000 checks. Drs.

Three faculty members will receive the Christian R. and Mary F. Lindback Award for Distinguished Teaching. See the story on page 5.

Eiherton and LaNoue will share the prize for the life and health sciences.

Professor West is nationally and internationally recognized for his novels, short stories, poetry, memoirs and scholarly investigations. He has received both popular and critical acclaim for his works. In 1986, he published his highly acclaimed novel *Rat Man* at Paris and, during the past three years, he has published six books.

Professor West joined the University faculty in 1962 as associate professor of English and comparative literature and became a professor in 1968. He has received the Best American Essay Award, a

Puehcart Prize, the Arts and Letters Award from the American Academy and Institute of Arts and Letters and has served as a fiction judge for the National Book Awards.

Dr. Eiherton's research on the endocrine control of adipose tissue metabolism has received international recognition. His research efforts in applying biotechnology and endocrinology to the swine industry, aimed at making pork leaner and healthier are at the forefront of the field.

Dr. Eiherton received his B.S. in agricultural science and M.S. in animal agriculture from the University of Illinois in

1971 and 1974, respectively. He received his Ph.D. in animal science in 1978 from the University of Minnesota and did a postdoctoral fellowship in endocrinology at Stanford University. He joined the University faculty in 1979 as an assistant professor and achieved the rank of professor in 1987.

Dr. LaNoue, a member of the College of Medicine faculty since 1974, pursues innovative research into the fundamental mechanisms of energy metabolism. The subject of her most recent work focuses on the mechanisms by which heart cells couple contractile work with the synthesis of ATP by mitochondria. ATP is required to fuel muscle contraction and in fact is the energy currency used in all living cells.

Dr. LaNoue received her A.B. in chemistry from Bryn Mawr College in 1956 and her Ph.D. in biochemistry from Yale University in 1960. She served as an associate in physical biochemistry and an assistant professor of physical biochemistry

See 'Medals' on page 3.

Focus on Diversity

Health issues for students of African descent to be discussed

Health issues for students of African descent will be addressed by two invited speakers at University Park during April.

At 7 p.m. Monday, April 8, Linda Carter of the Philadelphia-based organization B.E.E.A.S.H.I. (Blacks Educating Blacks About Sexual Health Issues) will speak on "Women and HIV/AIDS: The Reality" at 7 p.m. in Room 111 Boucke. She will address the social, physical, emotional, economic and medical issues women face when diagnosed with HIV or AIDS.

At 7 p.m. Tuesday, April 16, Suzanne Anderson, certified additions counselor with CCTI Inc. of Pittsburgh, will speak on "The African-American Student: We are the Creators of Our Self-Esteem" at 7 p.m. in 111 Boucke. Ms. Anderson has 17 years experience in the field of chemical dependency and family issues and is involved as a consultant and trainer to organizations in developing multiculturalism.

The speakers have been invited as part of Sigma Chi Phi Sorority's Black Health Issues Week. The week also is sponsored by: Support, Survival and Success (The "S"



Suzanne Anderson

Plan) for Students of African descent with funding from EOFC and the Office of Health Promotion and Education, University Health Services.

Nominations for membership being sought

The Penn State Commission for Women is seeking nominations for membership.

Nominations of others or self can be made by completing a nomination form which may be requested by calling the Commission Office at 865-1683.

The Commission for Women serves as an advisory group to the president on matters affecting women of the University. Its purpose is to promote the efforts of women of the University, and to serve as a forum for the exchange of ideas.

The entire women's community at the University is represented by the Commission for Women. Its membership includes clerical, staff, faculty, administrators and technical-service employees, and undergraduate and

graduate students. At least two members must be from Penn State locations other than University Park. Members are appointed to serve three-year terms.

The commission is actively seeking nominations including self-nominations, from all women and particularly those whose cultural, racial or ethnic backgrounds would enrich the understanding of the needs and concerns of women throughout the University. The commission values diversity in its membership and is actively seeking a broad base of nominations.

Nomination forms must be returned to the Commission for Women, 405 Old Main, no later than April 15. Further information may be obtained by calling the Commission Office.

WPSX-TV program

When Lionel Hampton returned to Detroit's Paradise Theatre at Orchestra Hall in January 1988, it was his first time to play the Paradise since it closed in 1951. Thirty-seven years later, Mr. Hampton's legendary vibraphone style once again came alive to thrill a packed house of 2,100

fans at the refurbished Paradise Theatre in Orchestra Hall.

Taped segments from this "return engagement" are among the highlights featured in *Lionel Hampton: Back to Paradise*, a one-hour special airing at 10 p.m. Friday, April 5, on Channel 3. Jazz singer Joe Williams joins Mr. Hampton in hosting and performing in this celebration of Mr. Hampton's 60 years in the music business.

Diversity Opportunities Calendar

Friday, April 5

Exercise and Sports Science, noon to 1 p.m., 108 White Building, Faculty/Staff Wellness Week in African dance with Myrna Munchus-Bullock; drum music by Don Berinato and Andrew Jackson of the "Earthtones."

Paul Robeson Cultural Center, 7 p.m., Robeson Center auditorium. Play: "Rape, What Every Black Woman Wants: A Look at Sexual Deviance and Mental Illness in our Community."

Center for Women Studies, conference, "The Politics of Sexuality: Multicultural Feminist Perspectives," Hetzel Union

Building, through April 6.

Saturday, April 6

Office of Minority Faculty Development, 9 to 11 a.m., 114 Kern. Workshop, "A Funding Roundtable," by Baiba Briedis, College of the Liberal Arts coordinator of grants and contracts. Attendance is limited to those who participated in a previous workshop lead by Ms. Briedis. For information, call Leah Witzig, 863-1663.

Paul Robeson Cultural Center, 10 a.m. to 5 p.m., 301 HUB. Symposium: "The Black Woman: Gifts, Goals and Glass Ceilings."

Monday, April 8

Paul Robeson Cultural Center, 8 a.m. to

5 p.m., Robeson Center Gallery. Photographic exhibit: "Women of Courage," through May 8.

Tuesday, April 9

Men of Color, noon to 1 p.m., Nittany Lion Inn. Monthly lunch meeting.

Office of Religious Affairs, 7:30 p.m., HUB Assembly Room. Seventh annual Martin Luther King Lecture by Delores Williams.

Thursday, April 11

Center for Women Students, 7 p.m., Paul Robeson Cultural Center Auditorium. Barbara Smith on "In the Life: The Courage of Lesbians and Gay Men of Color."

Medieval women are focus of conference

The curse of chastity. Viking wives, ruined maids and marginalized women will be the subjects of a conference on "Matrons and Marginal Women in the Middle Ages" on Friday and Saturday, April 5 and 6, at the Nittany Lion Inn on the University Park Campus.

The annual Medieval banquet, which is part of the conference, will be held on Friday, April 5. The banquet is open to the public and will feature Medieval cuisine, music of the period by the Nova Consort and a humorous play about complaining wives and beleaguered husbands by John of Lydgate.

"Some groups of Medieval women have attracted a lot of scholarly attention, but our conference wanted to focus on groups other than princesses and anorexic nuns," Vickie Ziegler, associate professor of German and Medieval studies chairman, says.

"In real life, Medieval women were made of sterner stuff. This year's conference is devoted to studying the lives of ordinary women -- housewives, guild workers, artisans, peasants, prostitutes, female criminals and the sick and crippled," she says.

Registration for the conference is open to the public for a fee of \$25. For more information, contact Judith L. Shawley, Department of History, 601 Oswald Tower, University Park, call (814) 865-1367.

Teaching about East Asia is theme of workshop

The Central Pennsylvania Collaborative for International Education will present a workshop on teaching about East Asia on Friday, April 12, at the Keller Conference Center at University Park. It will be presented by the Asian Outreach Center of the University of Pittsburgh.

The workshop, which will be held from 9 a.m. to 3:30 p.m., is designed to help participants integrate East Asia into their curriculums, gain new insights about Japanese education and society, learn about the Chinese language and practice calligraphy, examine new classroom materials about Japan and China including videos and slides, and hear about and discuss China's modernizations and the student demonstrations of 1989.

The University Office of International Programs is sponsoring the workshop.

For more information, write or phone Jack Sinclair, 409 Keller Conference Center, (814) 863-2035, or Linda Barton, 231-5069.

Workshop on African American issues set

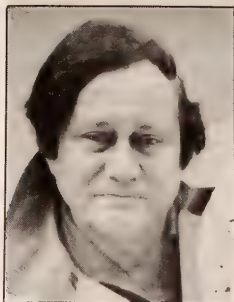
The College of Health and Human Development will sponsor a workshop on African American Black American issues from 4 to 6 p.m. Monday, April 15, in the Henderson Building Living Center at University Park.

The program is the third in a series of curriculum integration workshops developed by the college for its faculty and other interested persons. The workshops focus on campus climate and ways of

integrating cultural diversity issues into the classroom.

Daniel L. Trevino, director of minority programs for the college, will present the results of a survey in which the college's minority students shared their perceptions of the campus climate.

The workshop also will include resource materials and strategies for teaching, as well as a videotape, "Minorities in the College Classroom."



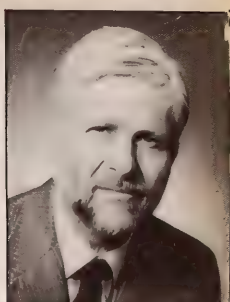
Paul West



Terry D. Etherton



Kathryn F. LaNoue



Barry Volght

Medals

Continued from page 1.

at the Johnson Research Foundation in Philadelphia from 1970 to 1974 when she joined Penn State.

Dr. Voight's research over the past several years has culminated in development of a general law governing the onset of failure in many types of materials. His research in this area began with his award winning study of the Mount St. Helen's avalanche, but extends

to a mathematical formulation to predict catastrophic failures including volcanic eruptions, rockslides, tunnel collapses and metal creep.

He received a B.S. in geology, a B.S. in civil engineering and an M.S. in civil engineering from Notre Dame University in

1959, 1960 and 1961, respectively, and a Ph.D. in geology from Columbia University in 1965. He holds an adjunct appointment with the U.S. Geological Survey and is a consultant to the United Nations and other agencies for disaster prevention.

Faculty/Staff Alerts

Health care coverage review

Regular University faculty and staff members are urged to review periodically the deductions being taken for their health care coverage (hospital/surgical/major medical, dental and vision) to be certain that they are paying for the correct coverage.

A change in family status may affect your cost and your coverage. For example, when you get married, when you have a first child, or when your spouse stops working for the University, you run the risk of having inadequate dependent coverage, if you haven't taken steps to indicate the change in coverage desired.

Consideration should be given to changing coverage if any of the following circumstances arise: You get married, you get divorced (or separated and no longer wish to provide spouse dependent coverage); you become the parent of a first child (note: a baby is covered automatically for 31 days following birth; however, to provide coverage beyond that time for a child, a coverage form must be completed);

your only dependent child reaches age 19 (or 23 in the case of a full-time student); your only dependent child gets married; your spouse begins or ceases working for the University as a regular employee; your spouse enters military service; your spouse dies; your only dependent child dies.

If you feel a change should be made, call, write or visit the Employee Benefits Division, Room 205 Rider Building, 865-1473. Faculty or staff members located away from University Park may receive assistance by contacting the appropriate director of business services or human resource officer.

The University has no way of knowing whether a change should be made, so it is the responsibility of the individual faculty or staff member to keep his or her records up to date. No refunds for overpayment will be made, unless it can be shown that the University was in error.

Employment of minors

Supervisors are reminded that the Pennsylvania Child Labor Law requires that

an employment certificate (sometimes referred to as "working papers") be obtained before any minor begins working for the University. A minor is anyone under age 18 who has not graduated from high school, or who has not been declared by the high school as having attained maximum academic potential in lieu of graduation. Also, the minimum age for University employment is age 16.

The employment certificate is issued by the minor's high school. Employment certificates are maintained on file by the Employment Division, or appropriate business or human resources office at facilities away from University Park. When a minor ceases employment, the Employment Division, or appropriate business or human resources office, must be notified so that the certificate can be returned to the issuing high school, or to the minor, as appropriate.

Supervisors are asked to review University policy PS-2, Employment of Minors, before committing employment to a minor.

Tax deferred annuities

Regular, full-time faculty and staff members are reminded that one of many benefits available to them is the tax deferred annuity.

Section 403(b) of the Internal Revenue Code permits some employers, such as colleges and universities, to make these programs available. Tax deferred annuities make it possible for employees to save part of their salary for future needs and, at the same time, defer federal income tax. Contributions must be in the form of payroll deductions.

At the present time approximately 2,900 full-time faculty and staff members participate in the program.

Tax deferred annuities for faculty and staff at Penn State are available through the Equitable Life Assurance Society, Teachers' Insurance and Annuity Association (TIAA) and the Variable Life Insurance Co. (VALIC). Additional information may be obtained from representatives of the Equitable, VALIC or the Employee Benefits Division, 865-1473.

Institute awards 10 Faculty Research Fellowships

The Institute for the Arts and Humanistic Studies has awarded 10 Institute Faculty Research Fellowships for July to December. The recipients are:

— **Ying-Ying Chien**, assistant professor of comparative literature and women's studies, to prepare a book, *Metamorphoses of the 'New Woman': Western Feminism and Modern Chinese Literature*.

— **Thomas Hale**, professor of African, French and comparative literature, to complete research for a book on griots, keepers of the oral tradition in the Sahel

region of West Africa.

— **James Kalsbeek**, assistant professor of architecture, to examine the mnemonic method of Loci and its potential application to the understanding of architectural theory, history and design.

— **Gary Knoppers**, assistant professor of religious studies, to prepare a book on early Judaism, *The Politics of History: The Chronicle and the Restoration of Israel*.

— **Gerald Lang**, associate professor of art, to produce a limited edition suite of seven hand photogravure images related to

the horse.

— **Philip J. Mosley**, professor of English and comparative literature at the Penn State Worthington Scranton Campus, to prepare two studies of Belgian writer Georges Rodenbach as chapters in a book on francophone Belgian writers, which he also will edit.

— **Londa Schiebinger**, assistant professor of history and women's studies, to prepare a book on the role that gender played in shaping the substance and style of 18th-century views of nature.

— **Donald Sheehy**, assistant professor of English, to prepare a biographical-critical book on American poet Robert Frost.

— **Elizabeth Smith**, associate professor of art history, to conduct on-site research as part of a study of the architecture and architectural sculpture of the Romanesque and Gothic periods in the Abruzzi.

— **Beno Weiss**, professor of Italian, to study Polydoro Vergili's life and work (1470-1555) as an Italian humanist through his *De Inventivis Rerum*.

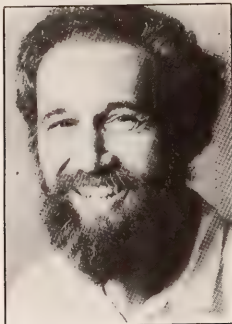
Mathematician will present Marker Lectures

Alain Connes, professor of mathematics at the College de France and long-term professor at the Institut des Hautes Etudes Scientifiques, will present the 1991 Russell Marker Lectures in the Mathematical Sciences April 8-11 at University Park.

The four-lecture series, titled "Non-Commutative Geometry," is sponsored by the Eberly College of Science and is free to the public.

The schedule includes: "On the Nature of Mathematical Reality," 8 p.m. Monday, April 8, 162 Willard Building; "Space-Time and Non-Commutative Geometry," 4:30 p.m. Tuesday, April 9, 117 Osmond Laboratory; "Discrete Group and Cyclic Cohomology," 4:30 p.m. Wednesday, April 10, 117 Osmond Laboratory; and "Entire Cyclic Cohomology," 4:30 p.m. Thursday, April 11, 117 Osmond Laboratory.

Dr. Connes, whose main area of research includes operator algebras, was honored with the 1982 Fields Medal, the mathematical sciences' equivalent of the Nobel Prize. He is recognized throughout the world for his classification of injective factors, which set the framework for much of today's work in operator algebras, and is



Alain Connes

one of the founders of cyclic homology, a very active area in current mathematical research. In addition, he is credited with creating the field of non-commutative

differential geometry.

Honored with the French Academy of Sciences' Aime-Berthe Prize in 1975 and Ampere Prize in 1980, he also has won the Peccot-Vimont Prize and the Silver Medal of France's Centre National de la Recherche Scientifique. The University of Kingston, Canada, presented him with an honorary doctorate in 1979.

In 1980, Dr. Connes was elected a corresponding member of the Academy of Sciences of Denmark and also became the youngest scientist in this century to be elected a member of the French Academy of Sciences.

The Marker Lectures were established in 1984 through a gift from Russell Marker, professor emeritus of chemistry, whose pioneering synthetic methods revolutionized the steroid hormone industry and opened the door on the current era of hormone therapies, including the birth control pill.

The Marker endowment also allows the Eberly College of Science to present annual Marker Lectures in astronomy, the chemical sciences, evolutionary biology, genetic engineering, and the physical sciences.

Bookshelf

Robert R. Edwards, professor of English and comparative literature, and Stephen Spector are editors of *The Old Dutch Love, Friendship, Sex and Marriage in the Medieval World*, published by the State University of New York Press.

Wolfgang E. Meyer, professor emeritus of mechanical engineering, is co-editor of *Surface Characteristics of Rindings: International Research and Technologies*, published by the American Society for Testing and Materials.

The technical publication includes forty peer-reviewed papers presented during the

First International Symposium on Surface Characteristics at University Park in 1988. The papers cover characteristics of pavement surfaces, methods of measuring and interpreting them, and application of data in pavement management. Dr. Meyer served as co-chairman of the symposium.

Engineering faculty members contributing to the publication, in addition to Dr. Meyer, are J.J. Henry and James C. Wambold, professors of mechanical engineering, and Bohdan T. Kulakowski, associate professor of mechanical engineering.

Co-editor of the publication is Jean Reichert, director of the Center for Road Research, Brussels, Belgium.

Dennis P. Hogan, professor of sociology and director of the Population Issues Research Center, Institute for Policy Research and Evaluation, and David Kertzer, Kenan Professor of Anthropology at Bowdoin College, have been awarded the 1991 Howard R. Marraro Prize for their book, *Family, Political Economy, and Demographic Change: The Transformation of Life in Casalechio, Italy, 1861-1921* (University of Wisconsin Press, 1989).

The Marraro Prize is awarded annually by the Society for Italian Historical Studies of the American Historical Association for the best work in any epoch of Italian history, Italian cultural history, or Italian-American relations.

MIT president will give engineering lecture

Charles Vest, president of the Massachusetts Institute of Technology, will give the 1991 Honorary Engineering Lecture on Tuesday, April 23, as part of the events surrounding the inauguration of the College of Engineering's Leonhard Center for Enhancement and Innovation of Engineering Education.

"Universities, The Public, and The Government: The State of the Partnership" is the title of the talk scheduled for 1 p.m. in Kern Graduate Building Auditorium at University Park. The lecture is free and open to the public.

Before coming to MIT, Dr. Vest was at the University of Michigan, Ann Arbor, for 27 years. He was dean of Michigan's College of Engineering from 1986 to 1989 and the provost and vice president for academic affairs prior to his appointment at MIT this fall.

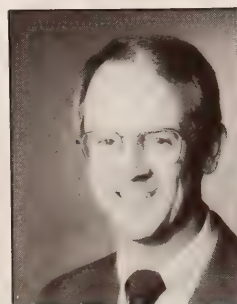
A specialist in three-dimensional imaging and image reconstruction, he has written numerous articles and a textbook.

Holography Interferometry. This discipline used optical holography to precisely measure thermal and mechanical movement.

Dr. Vest joined Michigan as a graduate student after receiving his BSME from West Virginia University in 1963. He earned his master's in mechanical engineering in 1964 and his Ph.D. in 1967. He was appointed assistant professor of engineering in 1968, associate professor in 1972, professor in 1977, and associate dean in 1981, all at Michigan.

The annual lecture, sponsored by the College of Engineering and the Penn State Engineering Society, this year is a part of the inauguration of the Leonhard Center and a two-day meeting of the Leonhard Center Advisory Board.

The Leonhard Center was founded by William E. Leonhard, a 1936 electrical engineering graduate, with a commitment of \$4 million to develop a national focus for improving engineering curricula and teaching methodologies.



Charles Vest

Appointments

Roxanne F. Price has been named county extension director for Penn State Cooperative Extension in York County. She will succeed Anthony Dobrosky, who retires on July 1.

Mrs. Price began her career with Penn State Cooperative Extension in 1974 as assistant extension agent in York County. Her main area of responsibility has been 4H/youth programs. She currently is 4H coordinator for the county.

In 1986, she received the Distinguished Service Award of the National Association of Extension 4-H Agents. She received her B.S. from Mansfield State College in 1975.

John H. Schwartz has been named county extension director for Penn State Cooperative Extension in Lancaster County. He will assume his duties on May 1 after the retirement of Jay Irwin.

Dr. Schwartz began his career with Penn State Cooperative Extension in 1970 as 4-H agent and coordinator in Chester County. From 1975 to 1982 he served as agriculture agent in Adams County, with program responsibility for poultry, farm management, agronomy, marketing and animal science. Since 1988, he has been an extension agent responsible for educational programs in commercial poultry production in Lancaster, Lebanon, York and Adams counties.

Dr. Schwartz earned his Ph.D. in animal science from Colorado State University in 1985. He also holds B.S. and M.Ed. degrees from Penn State. He served two years on the faculty at Clemson University and worked in agribusiness in Colorado in 1984-85.

William D. Weaver Jr. has been named head of the Poultry Science Department in the College of Agriculture, effective June 1.

Dr. Weaver has been a member of the poultry science faculty at Virginia Polytechnic Institute and State University in Blacksburg, Va., since 1966. His diverse background includes research, teaching and advising, but his primary emphasis is cooperative extension work.

Dr. Weaver joined the Virginia Tech faculty in 1966 as an instructor and extension specialist. He was named assistant professor in 1971 and associate professor in 1975. He attained the rank of professor in 1983. Since 1975, he has served as extension project leader for poultry programs.

Dr. Weaver earned B.S. and M.S. degrees in poultry science from Virginia Tech, and his Ph.D. in poultry science from Penn State. He has authored or co-authored dozens of abstracts and articles for refereed journals and trade publications.

He succeeds **Herbert S. Siegel**.

Carpooler

Robin would like to carpool from Reedsville to University Park. Her work hours are 8 a.m. to 5 p.m. Call (717) 667-2110 (after 6 p.m.).

Three faculty members to receive Lindback award

Three University faculty members have been chosen to receive the Christian R. and Mary F. Lindback Award for Distinguished Teaching at the University Awards Convocation.

They are **Priscilla F. Clement**, associate professor of history, Penn State Delaware County Campus; **Nancy S. Love**, associate professor of political science; and **Robert P. Marande**, associate professor of physics, Penn State Erie, The Behrend College.

The Lindback Award, presented annually since 1958, honors faculty members whose main responsibility is teaching undergraduate students. Each recipient receives a certificate and \$1,000.

Twice the recipient of Penn State Delaware's Outstanding Teaching Award (1972, 1990), Dr. Clement is a noted teacher-scholar at the campus. During her 24 years on the faculty, she has contributed to the scope and diversity of the campus' curriculum, incorporating multicultural perspectives into her women's studies, American studies and history courses.

"She is a master at creating a learning environment that enlists students to think critically. Critical thinking is at the heart of her classroom discussions and reading, and writing-intensive assignments," according to nomination materials.



Priscilla F. Clement

A Phi Beta Kappa graduate, Dr. Clement earned B.A. and M.A. degrees from Stanford University in 1963 and 1964, respectively, and a Ph.D. from the University of Pennsylvania in 1977.

Dr. Love's teaching is described by the Department of Political Science as "exemplary." "She represents the best in our profession of teaching." She also has been actively involved in curriculum integration efforts through her work with the Women's Studies and University Scholars programs.

Her teaching philosophy involves



Nancy S. Love

creating an atmosphere conducive to learning. Her approach is to use discussion, rather than lectures.

Dr. Love earned an A.B. degree from Kenyon College in 1977 and M.A. and Ph.D. degrees from Cornell University in 1981 and 1984, respectively.

Dr. Marande, coordinator of Penn State-Behrend's physics program, is considered an outstanding instructor at the college. A 1990 recipient of the Behrend College Council of Fellows Excellence in Teaching Award, he has received high ratings for his teaching



Robert P. Marande

from his students.

His philosophy of teaching focuses on helping his students to think independently and providing the tools necessary for them to excel. He combines lectures with homework assignments that reinforce the theoretical and thought process presented in class.

Dr. Marande earned a B.S. degree in physics and math from Saginaw Valley College in 1974, an M.S. in physics from the University of Akron in 1976 and a Ph.D. in physics from Kent State University in 1984.

News in Brief

Adult movement class

An adult movement class in African dance is being offered by Myrna C. Munchus-Bullock of the Department of Exercise and Sport Science. The adult class is being held every Friday through April 19, noon to 1 p.m. in White Building Studio 108 at University Park.

No previous dance experience is necessary - women and men are welcome. The class will be accompanied by Don Berinato and Andrew Jackson (both of the "Earthtones") on conga drums. Fee for the six weeks is \$45. Individual classes are \$8 each. For further information, call 863-3588, 863-0442, or 234-2370.

Spring blood drive schedule

The Centre Communities Chapter of the American Red Cross is conducting three blood drives at University Park in April: Monday, April 8, Findlay Union Building, noon to 6 p.m.; Tuesday, April 9, HUB Ballroom, 10 a.m. to 4 p.m.; Wednesday, April 10, HUB Ballroom, 10 a.m. to 4 p.m.

During the Persian Gulf crisis, weekly blood collections were suspended at the

Red Cross office in State College, but have now been reinstated. These will occur every Tuesday from 10 a.m. to 4 p.m., and the second Thursday of each month from 3 to 7 p.m. The office is located at 121 1/2 E. Beaver Ave., between Allen and Pugh streets.

Australian air marshal to visit

Air Marshal R.G. Funnell, chief of air staff, Royal Australian Air Force, will visit University Park on Friday, April 12, at the invitation of the University's Australia-New Zealand Studies Center, and in cooperation with the program in Air Force Aerospace Studies.

Air Marshal Funnell will deliver a public lecture titled "Australia and the United States in the Evolving Pacific Security Context" at 10:10 a.m. in 105 Chambers Building.

Prior to his present appointment, Air Marshal Funnell served as vice chief of Defense Force. He has held various staff college and exchange positions in the United States and in Britain.

Alumni Association merchandise

The Penn State Alumni Association has

engaged the Penn State Bookstores to be its sole distributor for several items of merchandise that could previously be purchased at the Alumni Office in Old Main at University Park.

These items include the Heinz Warneke Nittany Lion replica, the *Cookin' with the Lion* cookbook and apron, and the pictorial book of Penn State titled *For the Glory, Reflections of Penn State*. They can now be found exclusively in Penn State Bookstores, rather than in Alumni Association offices.

Labor Archives gets records

Officials of Local 14830 of the Communications Workers of America have donated the historical records of their original union to the Labor Archives in the University Libraries. The framed charter and 17-hour minute books and financial ledgers trace the development of International Typographical Union (ITU) Local 86 (Reading, Pa.) from its origin in August, 1885 to 1953. The ITU and its local unions recently merged with the Communications Workers.

Software package wins major award

The instructional software package "Diagnosing Reading Abilities: Case Study Simulations," developed by University faculty and staff members, has received the Outstanding Practice Award of the Division of Instructional Development of the Association for Educational Communications and Technology.

Developed in 1989-90 in cooperation with the University's Computer-Based Education Laboratory (CBEL) - Teaching and Learning Technologies Group, the software package was a group effort by College of Education faculty members **Elaine Yates-Hendrix**, assistant professor of curriculum and instruction, and **Kyle Peek**, assistant professor of adult education and instructional systems; and by **Carol Dwyer**, instructional designer, and **Lorinda Brader**, instructional programmer, CBEL, in the Center for Academic Computing.

The simulation presents student case studies which allow teacher education students to apply the central reading diagnosis theories and principles which are a part of informal reading assessment.

The software product was initiated by the faculty members through the Faculty Technology Initiative Program sponsored by CBEL. It has been published by Intellimation Library for the Macintosh.

Focus on the arts

The arts on Channel 3

"The Sunset Gang," a trilogy focusing on life in a south Florida retirement community, will be presented on *American Playhouse* on consecutive Friday nights — April 5 at 9 p.m. and April 12 at 9 and 10 p.m. on WPSX-TV.

Based on the 1976 anthology of short stories by Warren Adler ("The War of the Roses"), and adapted for television by Ronald Ribman, the trilogy features a cast headed by Harold Gould, Uta Hagen, Tresa Hughes, Anne Meara, Doris Roberts and Jerry Stiller.

She was a shy, sensitive young girl, completely under the thumb of her stern and domineering Victorian parents. She grew into a crusty, formidable but endearing old lady. In between, she became one of the world's best-loved writers of children's stories, peopling her square-shaped little books with a menagerie of imaginative creatures such as Peter Rabbit, Squirrel Nutkin and Mrs. Tittlemouse.

She was Beatrix Potter, whose life, almost as bizarre as her stories, is dramatized in *The Tale of Beatrix Potter*, "encoring on *Masterpiece Theatre* at 1 p.m. Sunday, April 7. The two-hour program is part of "Twentieth Anniversary Favorites" celebrating *Masterpiece Theatre's* 20th year.

Book signings

Wor **Y. F. Bohren**, distinguished professor of geology, will be the featured

Wor at the Penn State Bookstore on campus from noon to 2 p.m. Friday, April 5, when he will sign and discuss his new book *What Light Through Yonder Window Breaks? More Experiments in Atmospheric Physics* (Wiley, 1991).

On Monday, April 8, from noon to 2 p.m., **Eugene N. Borza**, professor of ancient history, will sign and discuss his

most recent book *In the Shadow of Olympus: The Emergence of Macedonia* (Princeton, 1990).

Dr. Bohren's book was selected as one of the "100 Best Products of the Year" by *Curriculum Product News*. It includes fun, easy-to-perform experiments, vividly illustrated.

In tracing the emergence of the Macedonian kingdom from its origins as a Balkan backwater to a major European and Asian power, Dr. Borza offers a revealing account of a relatively unexplored segment of ancient history.

The bookstore is offering a 20-percent discount on the authors' books during the booksigning sessions.

Emigre Voices

Andrei Codrescu, a Romanian emigre poet who is a frequent commentator on National Public Radio's "All Things Considered," will read his poetry as part of the Department of English Emigre Voices Lecture Series at 8 p.m. Saturday, April 6, in 101 Kern Graduate Building at University Park.

Mr. Codrescu also will talk about his recent visit to Romania at 3:30 p.m. in 101 Kern the same day. He is at University Park in conjunction with the Slavic Folk Festival.

Expelled from Romania in 1965 for writing a manifesto, Mr. Codrescu is the author of 15 volumes of poetry and prose, including *Selected Poems*, published in 1983, and two volumes of autobiography, *The Life and Times on an Involuntary Genius* and *Comrade Past and Mister Present*.

The Emigre Voices Lecture Series includes prominent writers from Central and Eastern Europe, who read from their works and discuss the role of writers in their native countries of the Soviet Union, Poland, Czechoslovakia and Germany.

Ithaca Wind Quintet

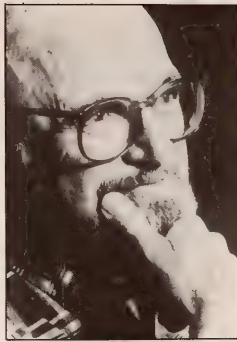
The Ithaca Wind Quintet, the resident faculty woodwind ensemble for the Ithaca College School of Music, will perform at 8 p.m. Monday, April 8, in the School of Music Recital Hall at University Park.

The program will include Allegro and Arioso for Five Wind Instruments by Ingolf Dahl, "Le Tombeau de Couperin" by Maurice Ravel, Suite by Gunther Schuller and Wind Quintet by Verne Reynolds.

Founded in 1963, the Ithaca Quintet is one of the oldest wind quintets in the country.

Brown bag luncheon

Kenneth Varty, Stevenson professor of French at the University of Glasgow, will discuss "Recovering Lost Literature Through Pictorial Evidence," as part of the Comparative Literature brown bag luncheon series at 12:15 p.m. Monday,



Novelist John Barth will speak during the *Borges Revisited* symposium at 1:30 p.m. April 12 in 112 Kern.

April 8, in 101 Kern Building at University Park.

Those interested in attending only the lecture should arrive before 12:45 p.m. Coffee and tea will be provided to accompany a brown bag lunch.

Art history lecture

George Mauner will present a lecture titled "Speculations on, and in, Manet's Olympia" at 8 p.m. Tuesday, April 9, in 112 Walker Building at University Park.

The lecture is part of the "Art of Interpreting" series sponsored by the Department of Art History and the Institute for the Arts and Humanistic Studies.

Dr. Mauner is director of the Institute for the Arts and Humanistic Studies and professor of art history at the University. The lecture is free and open to the public.

German songs

As part of the exhibit of German rock music on display in the Hetzel Union Building, Berlin "Liedermacher" Stephen Krawczyk will sing at 8 p.m. Tuesday,

April 9, in the HUB Formal Gallery. Admission is free.

Mr. Krawczyk gained recognition in East Germany in 1987-88 with his songs of political protest against the bureaucrats of the ruling Socialist Unity Party. Forbidden to perform in public by the government of the former German Democratic Republic, he continued to sing regularly in churches for political opposition groups until expelled in 1988.

Odyssey on WPSU

On "The Spirit of the Gulf," the next episode of "Odyssey Through Literature," Vivian Thomlinson of Cameron University in Oklahoma discusses Kate Chopin's novel, *The Awakening*.

Ms. Thomlinson and host Leonard Rubinstein find parallels in the development of the novel and in the legends of King Arthur, seeing in the novel's heroine, Edna Pontellier, a knight on a chivalric quest.

"Odyssey Through Literature" is produced by the Department of Comparative Literature in the audio-production studios of WPSX-TV. It airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Flute ensemble

The Penn State Flute Ensemble will perform in concert at 12:10 p.m. Thursday, April 11, in Eisenhower Chapel at University Park. The 20-minute concert is part of the Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The program will include works by J.J. Quantz, F. Marconi, L. Zanelli, A. Reicha and von Dittersdorf.

Annual concert

The Penn State Philharmonic will present its 16th annual Concerto Competition Concert at 8 p.m. Friday, April 12, in the School of Music Recital Hall at University Park.

Three students were selected as
See Arts on page 8.



Singer William Warfield will perform with the Penn State Symphonic Band at 8 p.m. April 13 in Eisenhower Auditorium.

The arts at

Berks Campus

The Nittany Lion Juried Exhibition VII will open on Friday, April 5, in the Freyberger Gallery. It will run through Thursday, May 2.

Soprano Suzanne Roy and Baritone Richard Davis, of the School of Music, will sing in the Student Center Theatre at 7:30 p.m. Wednesday, April 10. They will present "Wanna Sing A Show Tune," a selection of vocal pieces from the American musical theater.

Penn State-Behrend

The 1927 silent film "Phantom of the Opera" will be shown at 8 p.m. Tuesday, April 9, in Penn State-Behrend's Reed Lecture Hall. The "flicker" will be accompanied by faculty pianists Marjorie Podolsky, senior lecturer of English, and David Stuntz, instructor of music.

The event is sponsored by the Office of Student Services and is free to the public.

University Park Calendar

April 4 —
April 14

Special Events

Thursday, April 4

Bach's Lunch, 12:10 p.m., Eisenhower Chapel.
Penn State Trombone Choir.

President Thomas will address faculty, staff
and students, 4 p.m., Eisenhower Aud.

Friday, April 5

■ Penn State Ukrainian Club/Dept. of Slavic
Languages, lecture, 3 p.m., 101 Kern. Natalie
Kononko Moyle, Univ. of Va., on "Kobzari
and Lirnyky, Performers of Ukrainian Epic."

Geog. Coffee Hour, 3:30 p.m., 319 Walker.
Brent Yarnal on "Sex, Lies and Synoptic
Climatology."

Conference, HUB, "Feminist Politics of
Sexuality: Multicultural Voices." Also April
6.

Saturday, April 6

Eberly College of Science, Science EXPO '91,
10 a.m.-5 p.m.

Shaver's Creek, Bluebird Box Workshop, 1-3
p.m.; Woodcock Walk, 5:30-7:30 p.m. Call
863-2000.

Center for the Performing Arts, 3 and 8 p.m.,
Eisenhower Aud. "Into the Woods."

■ English Emigre Voices Lecture Series, poetry
reading, 8 p.m., 101 Kern. Andrei Codrescu,
Romanian emigre poet.

Sunday, April 7

Shaver's Creek, Nature Guiding Workshop, 10
a.m.-4 p.m. Call 863-2000.

University Awards Convocation, 2 p.m.,
Eisenhower Auditorium.

Carnegie Hall Film Series, 7 p.m., *Rebecca*
(1940), 9:15 p.m., *Performance* (1970), 108
Wartik. Free.

Monday, April 8

Comp. Lit. Luncheon, 12:15 p.m., 101 Kern.
Kenneth Yarrow, Univ. of Glasgow, Scotland,
on "Recovering Lost Literature through
Pictorial Evidence."

School of Music, 8 p.m., Recital Hall. *Ithaca*
College Faculty Wind Quintet.

Tuesday, April 9

■ Peace and Conflict Studies Committee,
brown bag lunch, noon, 313 Kern. Brian
Winston on "The Gulf War: Instantaneity and
the Simulacrum of Information."

■ Education Abroad, 7 p.m., 222 Boucke.
Informational meeting on spring 1992
program in San German, Puerto Rico.

■ German Dept., 8 p.m., HUB Formal Gallery.
Stephen Krawczyk, Berlin "Liedermacher,"
will present songs of political protest.
Art on Interpreting, 8 p.m., 112 Walker.
George Mauner on "Speculations on, and in,
Manet's *Olympia*."

Thursday, April 11

Bach's Lunch, 12:10 p.m., Eisenhower Chapel.
Penn State Flute Ensemble

■ International Lecture Series, 2:30-4 p.m., 222
Boucke. Jill Findes on "Technology
Adoption and the Indian Farm Household."

■ Education Abroad, 7 p.m., 222 Boucke.
Informational program on work abroad
opportunities for students.

Lecture, 8 p.m., HUB Assembly Room.
Barbara Smith, author and co-founder of
Kitchen Table, *Women of Color Press*, on
"In the Life: The Courage of Lesbians and



Stephen Sondheim's musical "Into the Woods" will be performed at 3 and 8 p.m. Saturday, April 6, in Eisenhower Auditorium.

Gay Men of Color."

Friday, April 12

■ Lecture, 10:10 a.m., 105 Chambers. Air
Marshall R.G. Funnell, Royal Australian Air
Force, on "Australia and the U.S. in the
Evolving Pacific Security Context."

■ Spanish, Italian and Portuguese, symposium,
"Borges Revisited," 1:30 p.m., 112 Kern.
John Barth, novelist, on "Borges and I."

Shaver's Creek, Night Hike, 7:30-9 p.m. Call
863-2000.

■ German Dept., 8 p.m., play *HUB Fishowl*.
Romulus der Grosse. Also April 13, 2 p.m.

School of Music, 8 p.m., Recital Hall. Penn
State Philharmonic Concerto Concert.

Saturday, April 13

Shaver's Creek, Pledge-A-Bird, 9-11 a.m. Call
863-2000.

Phi Psi 500, noon-4 p.m.

American Association of University Women,
30th Annual Used Book Sale, 3-9 p.m., HUB
Ballroom. Also April 14-17, 9 a.m.-9 p.m.

School of Music, 8 p.m., Eisenhower Aud.
Penn State Symphonic Band.

Sunday, April 14

Shaver's Creek, Spring Walk, 1:30-3:30 p.m.
Call 863-2000.

School of Music, 4 p.m., Women's Chorus; 8
p.m., Penn State Horn Ensemble, Recital
Hall.

Carnegie Hall Film Series, 7 p.m., *The
Adventures of Sherlock Holmes* (1939); 8:45
p.m., *Time Bandits* (1981), 108 Wartik. Free.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5-
6:30 p.m.; Saturday and Sunday, 5-6 p.m.;
Morning Edition, Monday-Friday, 6-8 a.m.;
Weekend Edition, Saturday and Sunday, 11
a.m.-1 p.m. "Odyssey Through Literature,"
12:30 p.m. Wednesdays, with S. Leonard
Rubinstein.

Seminars

Thursday, April 4

Physics Colloquium, 3:30 p.m., SS Osmond

Dr. H.K. Mao, Carnegie Institute of
Washington, on "Metallic Hydrogen."

■ Graduate Program in Ecology, 3:45 p.m., 8
Mueller. Dr. Elizabeth A. Newell, Hobart
and William Smith College, on "Effects of
Treefall Gaps on the Physiology and Growth
of Tree and Shrub Species in a Costa Rican
Rainforest."

Gerontology Center Colloquia, 4-5 p.m., 106
Mitchell. Raymond Coudart, Univ. of
Florida, on "Residential Differences in the
Use of Formal and Informal Sources of
Care."

Friday, April 5

■ Agronomy, 3:35 p.m., 107 Ag Science and
Industries. Drs. Doug Beegle and Dick Fox
on "Penn State Agronomists in the USSR."

Monday, April 8

Entomology, 3:45-4:45 p.m., 204 Patterson.

Dave Teulon on "Biology and Management
of Pear Thrips, *Taenioinsectus* (Uzel).
EPF, 4 p.m., 339 Davey. Dr. Stephen Braham,
Bern ITF, on "Quantum Cosmology, Prickly
Spacetime and Convergent Path Integrals."

Marker Lectures in Mathematical Sciences, 8
p.m., 162 Wildard. Dr. Alain Connes,
College de France, "On the Nature of
Mathematical Reality." Also April 9-11, 4:30
p.m., 117 Osmond Lab.

Tuesday, April 9

Aerospace Engineering Computational Fluid
Dynamics, 2:30-3:20 p.m., 232 Hammond.
D.M. Bushnell, NASA Langley Research
Center, on "Supersonic Aircraft Drag
Reduction."

Chemistry Colloquium, 3:30 p.m., SS Osmond
Marty Anne Fies, Univ. of Texas, Austin, on
"Designed Materials for Photoinduced
Electron Transfer."

Geosciences Colloquium, 3:45 p.m., 112
Walker. Steve Mackwell on "How does the
Mantle Move?"

Graduate Program in Nutrition, 4 p.m., 101
Althouse. Noreg W. Jerome, USAID, on
"Nutrition and Development Programs at
USAID."

Condensed Matter Physics, 4 p.m., 339 Davey.
Dr. Stephen Holloway, Liverpool.

Biology, 4 p.m., 8 Mueller. James Frazer on
"Insect Chemoreceptor Systems: An
Emerging Molecular View."

Wednesday, April 10

Engineering Science and Mechanics, 3:35-4:30
p.m., 315 Hammond. Dr. Andy Ruma,
Cornell, on "Stick Slip, Friction and the
Mechanics of Earthquakes."

Entomology, 14:5-4:45 p.m., 204 Patterson.
John Steffens, Cornell, on "Insect Defense
Mechanisms in the Epidermis of Tomato
and Potato."

Thursday, April 11

Forest Resources, 11:10 a.m., conference room.
Land and Water Resources. Dr. Thomas
McIn, Virginia Tech, on "Strength and
Reliability in Wood Products."

Aerospace Engineering Computational Fluid
Dynamics, 1:25 p.m., 118 Sackett. Dr.
Jaroslav Sabisky, NASA Langley Research
Center, on "A System Approach to Aircraft
Optimization."

Graduate Program in Ecology, 1:45 p.m., 8
Mueller. Doug Cottom on "Habitat
Selection by White-Tailed Deer."

Gerontology Colloquia, 4-5 p.m., 106 Mitchell.
Susan Paul on "Exercise and Bone Mineral
in Older Women."

Mueller Lectures, 8 p.m., 102 Forum. Dr. H.
Rohrer, IBM Research Lab, Zurich, on
"Science, Part of the Future." Also April 12,
11 a.m., SS Osmond. "Science and
Technology on the Molecular Scale."

Friday, April 12

Agronomy, 3:35 p.m., 107 Ag Science and
Industries. Douglas Miller on "GIS as an
Integrative Tool in Rural Systems Science."

Exhibits

Chambers Gallery

An Education Graduate Students exhibition,
through April 26.

HUB Galleries

Art Alley Panels and Cases:

Central Pa. Guild of Craftsmen exhibit,
through April 28.

Formal Gallery

■ Gelb and Harter: *Zur Geschichte der
deutschen Rockmusik*, "Tough and
Tender: The History of German Rock
Music", through April 28.

Kern Gallery

Marlee Erwin, watercolors, "Essentially Ins.",
through May 3.

Public Library

Lending Services Gallery:

Mark A. Dellert, "New Developments,"
through April 21.

East Corridor Gallery

Steven Kondrat, pastels, oils and watercolors,
through April 12.

Zoller Gallery

Milim Lam and Iva Fluegel, MFA candidates
recent work, through April 20.

Tips

Information Penn State

Call 863-1234, press 1 and enter the number of
the message you wish to hear. Messages are
listed in the front of the telephone
directories. Other messages are Weather—
234, Arts-Line—345, University Calendar—
456.

■ Reflects an international perspective

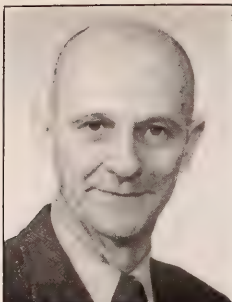
Partings

Peter Babin, a lead distribution maintenance mechanic in the Office of Physical Plant, has retired after 21 years service.

He came to the University in 1969 and worked as a plumber. In 1972, he joined the distribution crew as a lead maintenance mechanic responsible for the maintenance of all campus underground valves, such as steam, gas, water condensation and sewage. He also was responsible for maintaining the building valves and University water wells.

In retirement, Mr. Babin plans to spend time painting his home, repairing fixtures and visiting the Hidden Valley campgrounds.

He and his wife have two children. Their son, Gary, graduated from Penn State in 1976, and their daughter, Denise, currently is attending the University part-time.



Vernon A. Brose

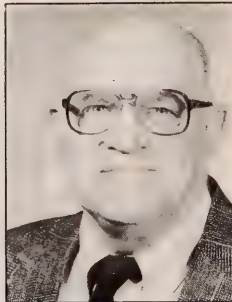
Vernon A. Brose, extension agent in Northumberland County, has retired from the College of Agriculture after 23 years service.

He conducted programs in farm management in Montour, Snyder, Northumberland and Union counties. In 1984, he received the Pennsylvania Agricultural Safety Council's award for outstanding contributions to agricultural safety in the state.

He conducted programs in farm, home and bicycle safety, as well as a program in farm tractor safety for women at Penn State's annual Ag Progress Days. He also organized several farm safety rescue training workshops for ambulance squads and fire companies.

He is a member of the Pennsylvania and National Associations of County Agricultural Agents and Epsilon Sigma Phi, a national honorary extension fraternity.

A native of South Dakota, he earned a



Roger H. Downing

bachelor of science degree in agronomy at South Dakota State University in 1958 and a master of science in agricultural economics at the University of Delaware in 1963.

Roger H. Downing, research associate with the Environmental Resources Research Institute, has retired after 25 years service.

Mr. Downing received his B.S. in agronomy in 1951 and his M.S. in agricultural economics in 1969 from the University.

In 1966 he was appointed research assistant at the Institute and was promoted to research associate in 1989. His special research interests have included property valuation, property taxation, computer simulation, data management and economic and environmental impact assessment.

Part of his work with the Institute was to develop a computer program, Pennsylvania

Assessment Uniformity Program (PAUP), to produce a set of assessment statistics from assessment and sales data collected by the state. This program produces many different statistics that can be used by county property assessors to help determine the common level of assessment, determine the degree of uniformity, and the amount of regressivity in an assessment jurisdiction.

In 1984 Mr. Downing received the Distinguished Research and Development Award for original research in property taxation and assessment techniques from the International Association of Assessing Officers.

Throughout his career he has been a consultant on property valuation and taxation for numerous county commissioners, citizen groups, law firms and private corporations. In retirement, Mr. Downing plans to continue his private consulting work.

Beatrice R. Swift, administrative assistant in the Office of the Senior Vice President for Research and Dean of the Graduate School, has retired after 31 years service.

Ms. Swift began working at the University in 1960 as an executive secretary for the defense contract auditors. In 1970, she became an administrative assistant responsible for the internal grants programs, which include the research initiation grants, Public Health Service Biomedical Research Support Grants and the Pennsylvania Research Corp.

For the last three years, she has worked with the assistant secretary for the Pennsylvania Research Corp.

She earned an associate degree in letters, arts and sciences from the University.

She looks forward to retirement, although she says she enjoyed her years at the University.

Rose Ann Williams, registrar at the Penn State Fayette Campus, has retired after 25 years service.

Prior to joining the campus staff in the Offices of Student Affairs and Academic Affairs, Ms. Williams was employed by the Pennsylvania Department of Transportation and the Laurel Highlands School District. On April 1, 1976, she was promoted to registrar.

A life-long resident of the Uniontown area, Ms. Williams plans to dedicate more of her leisure time to her family.

Deborah A. Schoppe, secretary C at Hazleton Campus, from Jan. 6, 1975, until Feb. 1.

Thomas J. McGlynn Jr., associate professor of medicine at Hershey Medical Center, from June 15, 1974, until Feb. 5.

Esther F. Bauman, residence hall worker, Housing and Food Services, from Jan. 7, 1975, until March 1.

Focus on the arts

Continued from page 6.

winners from among a highly competitive group of Penn State music students.

Hwa Young Kim, a student of Steven Smith, will perform music from Rachmaninoff's Piano Concerto No. 2. Christine Beyer, a student of Eleanor Duncan Armstrong, will play Poeme for Flute and Orchestra by Charles Griffes. Bruce Tyckinski, a student of Mark Lusk, will perform two movements of the David Trombone Concerto.

The philharmonic, under the direction of Dr. Douglas Meyer, also will perform Tchaikovsky's "Romeo and Juliet" and music by Mozart.

Symposium on Borges

The Department of Spanish, Italian and Portuguese will present a symposium titled "Borges Revisited," focusing on the Argentinean writer who visited the University in 1968 and 1974, on April 12 and 13.

Novelist John Barth, professor emeritus in the Writing Seminars at Johns Hopkins University, will present the keynote address titled "Borges and I" at 1:30 p.m. Friday, April 12, in 112 Kern Building at University Park.

Mr. Barth previously was professor of English at the University. He is the author of eight novels, including his most recent *The Last Voyage of Somebody the Sailor* (February 1991).

Organized by Martin Stabb, professor of Spanish, the symposium will feature lectures on Jorge Luis Borges' works. The lectures are free and open to the public. They will be held from 1:30 to 4:45 p.m. in 112 Kern on April 12 and from 8:30 a.m. to 12:30 p.m. at the Atherton Hilton Hotel on April 13.

Comedy to be performed

Students of the German Department will perform the "unhistorical historical comedy" *Romulus der Grosse* by the well-

known Swiss playwright Friedrich Durrenmatt in the HUB Fishbowl at 8 p.m. Friday, April 12, and 2 p.m. Saturday, April 13.

Mr. Durrenmatt, who died last December, wrote this play about the fall of the Roman Empire with a deep concern about the sacrifices of war and the question of heroism itself, but also with a lot of humor and irony towards German culture and education.

The play will be performed by German Department graduate and undergraduate students, and it carries on a long tradition of theater production in the department. *Romulus der Grosse* will be in German. Admission is free.

Symphonic band concert

The Penn State Symphonic Band, with internationally-renowned singer William Warfield, will present its annual spring concert at 8 p.m. Saturday, April 13, in

Eisenhower Auditorium at University Park.

The program will feature Dr. Warfield narrating Aaron Copland's "Lincoln Portrait" and singing "O! Man River."

Dr. Warfield, whose performance of "O! Man River" is legendary, has performed to audiences around the world. Besides his role in "Showboat," he is known for playing the lead role in "Porgy and Bess." He also has made six world tours for the U.S. Department of State, more than any other American solo artist.

After a 25-year entertainment career, he accepted a position at the University of Illinois, where he was chairman of the voice department until his recent retirement.

The program also will include Mark Weaver, senior music major and concert master, playing Concertpiece for Clarinet, Winds and Percussion, a new work by Cumow. The Symphonic Band is directed by Ned C. Deihl.

Private Giving to Penn State

Penn State Harrisburg receives \$2.7 million gift

Penn State Harrisburg has received a \$2.7 million gift — the largest in its history — from the **John Vartan** family of Pittsburgh.

President Thomas said the gift would create an unrestricted endowment at Penn State Harrisburg. The entire sum will be invested permanently, and the interest will be used to support programs and projects as determined by the institution's leadership.

"Penn State is delighted to receive this impressive vote of confidence from the Vartan family, and we are grateful for their generosity," Dr. Thomas said.

"Private gift support such as this is absolutely vital if the University is to meet the expectations of its many constituencies in greater Harrisburg and Southcentral Pennsylvania. We're especially pleased that the Vartan family has provided great flexibility to Penn State Harrisburg with their gift, allowing the income to be used wherever the need is greatest."



John Vartan

An entrepreneur and real estate developer, John Vartan is chairman of

Vartan Enterprises Inc. of Harrisburg.

Dr. Thomas noted that the \$2.7 million gift was the initial part of a \$5 million donation the family hopes to make in the foreseeable future.

Ruth Leventhal, provost and dean of Penn State Harrisburg, said Mr. Vartan has been a key figure in the institution's growth during the 1980s.

In addition to continuous support for many Penn State programs, previous Vartan gifts to Penn State Harrisburg include \$194,000 for the institution's Center for Technology; \$61,000 to the institution's recently completed major gifts campaign; a \$250,000 gift-in-kind to the Penn State Harrisburg Downtown Center; and \$10,000 to the Renaissance scholarship fund in honor of Ralph E. Peters of Camp Hill.

"John Vartan's involvement with Penn State Harrisburg goes well beyond his extremely generous philanthropy," Dr. Leventhal noted. "He has provided leadership, counsel, advice and

enthusiasm, and has helped us develop and realize our vision of how this institution can more fully serve all of Southcentral Pennsylvania."

Mr. Vartan has played leadership roles as a founding member of Penn State Harrisburg's board of advisers, with its fund-raising campaigns and in its alumni society. In 1987, he was named an Alumni Fellow of the University. He also is a member of the Mount Nittany Society, which recognizes the highest level of philanthropy to Penn State.

Of Armenian descent, Mr. Vartan emigrated to the United States in 1968. After earning his bachelor's degree in engineering, he arrived in Harrisburg in 1970, found employment as a civil engineer and, at night, completed work on his master's degree in engineering at Penn State Harrisburg.

He is chairman of the board of Dauphin National Bank and serves on the boards of numerous charitable organizations.

Palmer family funds gallery in museum addition

Members of the Palmer family have pledged \$150,000 for the construction of a gallery devoted to prints and drawings in the new addition to the Palmer Museum of Art.

Chuck Palmer of Boulder, Colo., and his sister, **Janet Palmer Lipcon** of Concord, Mass., with her husband **Eli** and their sons **Jacob** and **James**, have funded the Palmer/Lipcon Gallery in the museum named for their parents, **James R.** and **Barbara R. Palmer** of State College.

This museum and its expansion are very special for my parents," Mrs. Lipcon said. "Our contribution is a way for all of us to say thank you to them for everything they have done for us."

"It's difficult to do something for your parents," Chuck Palmer added. "They've done so much for me, and here's my way of doing something for them and for the community." Both Mrs. Lipcon and Mr. Palmer are graduates of State College Area High School.

Mrs. Lipcon is a graduate of Wellesley College and is an active volunteer in her community, including serving on several search committees for the First Parish Church in Concord and as president of the Parent Teacher Group of the Concord schools. She and her husband, who is vice president of sales and distribution systems marketing for the Digital Equipment Corp., are art collectors, as well.

Mr. Palmer is an independent consulting engineer based in Colorado. He worked in State College at **Locus** and **C-Cor** and at the Applied Research Lab prior to his move west. He earned his bachelor's and master's degrees in electrical engineering from the University of Colorado at Boulder.

The Palmer/Lipcon gift is part of the \$5.4 million raised toward the \$5.6-million addition designed by architect **Charles Moore**. The addition will allow the museum's collection to be permanently displayed for the first time.

Groundbreaking is scheduled for April with an expected opening of the addition in the winter of 1993.

Donor helps students in two colleges

Longtime Penn State benefactor **Marie Underhill Noll** has given \$100,000 for endowments in the colleges of Engineering and Health and Human Development.

Mrs. Noll designated \$50,000 to establish a fellowship for academically promising graduate students in engineering.

The remainder of the gift will endow an undergraduate research program in exercise and sport science. The program aims to expose students to a research environment and stimulate their interest in graduate education and advanced research. Both endowments will be named to honor the donor.

Mrs. Noll of Ithaca, N.Y., is a Cornell University graduate and retired high school teacher. Her husband, **A. Robert Noll**, earned a bachelor's degree in electrical engineering from Penn State in 1929. He was director of patents for IBM Corp. for many years and died in 1968.

Mrs. Noll has continued her husband's interest in Penn State by making numerous gifts for programs in health and human performance and engineering.

Alumnus endows professorship in agriculture

University alumnus **John B. Swayne Jr.** has given \$250,000 to endow a professorship in the College of Agriculture in honor of his father, a pioneer in Pennsylvania's commercial mushroom industry.

The **John B. Swayne Professorship** in Spavin School will strengthen research and teaching programs in mushroom science, especially as related to the needs of the nation's commercial mushroom industry.

Mr. Swayne is the former president of **J.B. Swayne and Son Inc.** of Kennett Square. The company was named for his father, who began growing mushrooms for commercial sale in America in the

1880s, under carnation beds in a greenhouse at his family's home in Kennett Square. Pennsylvania's commercial mushroom industry is now the nation's largest, with annual sales exceeding \$284 million.

As soon as Mr. Swayne graduated with a bachelor's degree in agricultural economics from Penn State in 1934, he joined his father's business and engineered a 25-year expansion of the company and its product — **Quaker State Brands** — into one of the most popular in the country.

He took over full control of the company in 1965 upon his father's retirement, and expanded the business

until it was one of the largest producers of mushroom spawn and had a national distribution network.

In December 1974, Mr. Swayne sold the entire operation to the **Clorox Co.** In 1981, **Clorox** sold all the mushroom houses and the canning plant to **Pia and Sons** and sold the mushroom spawn plant to Mr. Swayne's son **John**, a 1961 Penn State graduate.

Income from the endowment will be used to supplement the salary and the research, graduate assistant and professional travel expenses of the professorship's holder, who must be a full-time or visiting professor in the Department of Plant Pathology.

Penn Staters

Three faculty members, **Harry Alcock**, Evan Pugh professor of chemistry; **Rustum Roy**, Evan Pugh professor of the solid state, and **Robert E. Newnham**, Alcoa professor of solid state science, were invited speakers at the fifth International Conference on the Ultrastructure Processing of Ceramics, Glasses, Composites, Ordered Polymers and Advanced Optical Materials.

Peter J. Behrens, associate professor of psychology at the Penn State Allentown Campus, presented a paper, "The Beginning Point of Knowledge: Charles Peirce's Psychological Studies of Consciousness," at the ninth annual meeting of the European Society for the History of Behavioral and Social Sciences in Weimar, Germany.

Alegria Bendelac, professor of French at the Penn State Schuylkill Campus, gave talks at the Center for Sephardic Studies, Caracas, Venezuela, and at the Central University of Venezuela on the occasion of the publication in Caracas of her

second book on the dialect of the Sephardic communities of Northern Morocco: *Voices jaquetiques*.

N.K. Bose, Singer professor of signal processing, gave a lecture titled "Invariance of Interval System Properties" at the International Workshop on Robust Control in San Antonio, Texas.

Joseph L. Cavinato, associate professor of business logistics, presented the keynote speech, "General Management Challenges and Global Competitiveness," at the annual educational symposium of the Purchasing Management Association of Canada in Vancouver, British Columbia.

Margaret Cote, associate professor of English at the Penn State Allentown Campus, has received four grants for writing projects, including a \$40,000 grant from The National Writing Project and the Lehigh Valley School Districts to establish the Lehigh Valley Writing

Project at the Allentown Campus.

Faisal Fadul, assistant professor of electrical engineering at Penn State Erie, The Behrend College, presented a paper on "Automation of an Industrial Machine Through a Low Cost Stand-Alone Controller" at the International Society for Mini and Microcomputers in Las Vegas.

Taylor A. Greer, assistant professor of music, was awarded a fellowship from the American Council of Learned Societies for the 1991-92 academic year. He will pursue his research project titled "Charles Seeger's Search for the Musical Mind."

Helen A. Guthrie, endowed professor of nutrition, is one of 10 nationally distinguished nutritionists who have been honored with an American Institute of Nutrition Fellowship.

Donald W. Leslie, associate professor of landscape architecture, has received a

certificate of appreciation from the Pennsylvania/Delaware Chapter of the American Society of Landscape Architects for his contribution toward the advancement of the profession.

Gary L. Messing, professor of ceramic science and engineering, was co-organizer and gave an invited presentation at the fourth International Conference on Ceramic Powder Processing Science in Nagoya, Japan. He also gave the plenary lecture at the 12th Ceramic Process Meeting at Shonan Institute of Technology, Fujisawa, Japan, and gave an invited lecture at the Kumagaya Science Park, Tokyo.

Carlo G. Pantano, professor of materials science and engineering, has been awarded a Collaborative Research Grant through the NATO International Scientific Exchange Programme. He will investigate the Surface Catalytic Properties of Silicon-Oxycarbide Gels and Glasses in association with the University of Trento, Italy.

Promotions

Staff Exempt

Quang D. Bui, to research support associate at Hershey.
Daniel Fitzgerald, to research director of Continuing Education at the Penn State Ozone Campus.
Scott K. George, to project assistant in Education.
Steve Greenleaf, to advanced engineering aide in Applied Research Lab.
Jennie S. Hess, to assistant extension agent in Agriculture.
Brian L. Kline, to advanced engineering aide in Applied Research Lab.
Millie J. Landis, to coordinator, graduate administration at Penn State Harrisburg.
Kevin M. Moroney, to lead research programmer in C&S-Center for Academic Computing.
Edward A. Mulfinger, to assistant manager, HUB production in Housing and Food Services.
Robert D. Murawski, to advanced engineering aide in Applied Research Lab.
Naomi E. Nesser, to project associate at the Penn State Fayette Campus.
Amy J. Olenick, to assistant to the assistant vice president, customer service in Office of Physical Plant.
Donna J. Rhine, to supervisor, insurance service at Hershey.
Robert C. Scott, to chief technologist at Hershey.
Malorie H. Sirb, to admissions counselor II at Penn State Harrisburg.
Sharon M. Symanovich, to assistant to

the dean and personnel coordinator in School of Communications.

Ruth E. Wagner, to reimbursement analyst at Hershey.
Lynn T. Weber, to director, development/university relations in Engineering.
Joanna Williams-Dovi, to admissions counselor II, minority recruitment at Penn State Harrisburg.
Andrea R. Willard, to admissions counselor II at Penn State Harrisburg.

Staff Non-Exempt

Fayne M. Abel, to accounting aide in Engineering.
Ramona R. Brinkley, to MOH's technician at Hershey.
Galen R. Corl, to assistant engineering aide in Applied Research Lab.
Thomas A. Hoover, to senior drafter, electromechanical in Applied Research Lab.
Rex A. Sunderland, to drafter/designer, electromechanical in Applied Research Lab.
Margaret A. Weaver, to staff nurse at Hershey.
Connie L. Weirich, to program aide at Hershey.
Lawrence N. Yingling, to drafter/designer, electromechanical in Applied Research Lab.
Anna M. Zimmerman, to staff nurse at Hershey.

Clerical

Kathleen Bender, to clerk typist A at the Penn State Dubois Campus.
Bonita L. Chapman, to secretary B at Hershey.
Tami J. Cox, to secretary B in Eberly College of Science.
Carol Daughenbaugh, to secretary B in University Safety.
Pamela J. Dubbs, to clerk typist A in Research and Graduate School.
Susan L. Dyingser, to secretary B at Hershey.
Peggy Fosnot, to senior clerk at Hershey.
Maryann Gunta, to clerk, service desk in Office of Physical Plant.
Debra L. Huber, to clerk, accounting A in Education.
Bonnie L. Huffman, to secretary B in Eberly College of Science.
Lisa Kobalarek, to secretary C in Eberly College of Science.
Joan L. Lassman, to teller in Corporate Controller's Office.
Diane M. McClellan, to clerk, surgery registrar/coding at Hershey.
Cimberly A. Norris, to accounting clerk in Corporate Controller's Office.
Diane Roan, to secretary A in Liberal Arts.
Donna M. Roseberry, to secretary B in Continuing Education.
Chrystal A. Roiz, to secretary B at the Penn State Mont Alto Campus.
Idilko Schall, to secretary B in Smeal College of Business Administration.
Amy L. Stover, to secretary C in Eberly College of Science.

Janet Trosko, to secretary B at Penn State Harrisburg.
Eileen M. Williams, to secretary B in Office of the President.

Technical Service

Barbara E. Butts, to residence hall utility worker in Housing and Food Services.
Gregory A. Butts, to maintenance worker, steam traps in Office of Physical Plant.
Linda D. Copley, to media attendant at Hershey.
Kathryn L. Green, to central processing aide at Hershey.
D. Hutton-Anderson, to anesthesia technician at Hershey.
Donald B. Jones, to electrician A in Office of Physical Plant.
Douglas A. Keith, to maintenance worker, utility in Office of Physical Plant.
Jean Kirkpatrick, to anesthesia technician group leader at Hershey.
L. Catherine Lucas, to laboratory attendant B in Agriculture.
Leonard McElroy, to maintenance worker, general A at the Penn State New Kensington.
Gary L. Orner, to building maintenance worker in Student Services.
Gary E. Sheesley, to senior instrument process aide at Hershey.
Alvin L. Vincent, to maintenance worker, utility at Penn State Erie, The Behrend College.
John R. Zions, to maintenance worker, general B at the Penn State Hazleton Campus.

Focus on Research

Intercom
April 4, 1991

Music scene

Dean of Arts and Architecture predicts shortage of organists

The sound of music will soon be silent in many American churches if the critical shortage of organists continues, according to **James C. Moeser**.

"The scarcity of qualified organists threatens the very future of the art," Dr. Moeser, dean of the College of Arts and Architecture, said. "If we, as organ professionals, don't take the initiative, the handwriting is on the wall.

"Because fewer students are interested in the organ, a lot of programs could dry up, making it even tougher to attract new organ students."

As president of the American Guild of Organists and a well-known concert organist, Dr. Moeser has taught organ and has been a consultant to churches in the design of new organs.

He is one of only two organists invited to participate in the Irving F. Gilmore International Keyboard Festival being held April 27 to May 5 in Kalamazoo, Grand Rapids and Battle Creek, Mich. He will play the organ at the First Congregational Church in Battle Creek at 4 p.m. Sunday, April 28.

Dean Moeser links the declining interest in organs partially to the waning role of mainstream churches in American society.

"During the 1950s, the church and church music were important elements in American life. Now attendance is down in mainstream churches, as many have switched to Pentecostal or charismatic churches, which have responded more forcefully to widespread secularization.

"Unfortunately, these churches do not have a classical organ music tradition."

The church organist is no longer a role model for young people, he noted, although the position of organist has historically been prestigious and relatively well-paying.

"Because of television, video games and the quest of quick gratification, we have moved from a participatory to a passive, spectator society. The result is that music is increasingly a spectator art, instead of a participatory art."

Many young people have neither the motivation nor the discipline for piano and organ lessons, and parents are increasingly less willing to prod children into lessons. Furthermore, music education is being eroded in the schools, he said.

"Back-to-basics movements in the schools always regard music as a frill. When school boards cut back, the reductions always are in the arts. Music education in general is weakening all over the country.

"We in the profession realize that it's time to take decisive measures. We believe we can get young people excited about the organ if we work at it."

Last year an American Guild of Organists task force conducted weeklong organ workshops in Pittsburgh, Kansas City and Seattle. The State College chapter had a one-day workshop that attracted 22 students from throughout Central Pennsylvania.

"The problem is not with the organ sound, which is far more powerful than that produced by the synthesizer, regarded by many kids as the instrument of the future. The organ has a far greater color wheel than the synthesizer.

"The organ is a power trip, and kids, in particular, are turned on by power. Playing the organ is like being able to play a whole orchestra," he said.

The organ dates from Roman times, when it was used in the Roman amphitheater because of its huge volume. During the Middle Ages, the organ was widely used in churches because its sound could fill the great spaces of the Gothic cathedrals.

"We have many reasons to hope that the organ will again be an attractive instrument for young people," Dean Moeser said.

— Paul A. Blaum



James C. Moeser is seated at the organ in the Recital Hall of the Music Building at University Park. (Photos by Greg Grieco)

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonsenior have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. **APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304).** Applications for these staff vacancies will be accepted until April 13. **DO NOT CONTACT THE AREA THAT HAS THE VACANCY.** Applications for staff vacancies are considered in accordance with Fair Employment practices (FES-1) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

***01412. Computer Systems Specialist, Engineering, Electrical and Computer Engineering, University Park Campus**—Responsible to the department head for planning and coordinating the procurement, installation, security, and periodic upgrades of computer systems, networks, and accessories. Oversees the operation and administration of the department's computing facilities. Requires bachelor's degree, or equivalent, in computer engineering or closely related discipline plus two to four years effective experience in the operation and maintenance of computer systems. **STAFF GRADE 7**

***01413. Network Support Specialist, Office of Budget and Resource Analysis, University Park Campus**—Responsible to the associate director for decision support systems for installation and operation of computer network systems, training of support staff as well as hardware and software solutions for the office. Requires bachelor's degree, or equivalent, in computer science plus one

to two years of effective experience. A working knowledge of various software programs to include spreadsheets, word processing and data base software is required. **STAFF GRADE 6**

***01414. Instructional Publications Designer, CES/MLR, Independent Learning, University Park Campus**—Responsible to the assistant director. Instructional Publications, for instructional design activities related to distance education course development. Requires bachelor's degree, or equivalent, with a master's preferred, in a liberal arts discipline and one to two years effective experience in writing, textbook manuscript editing, and instructional design. Knowledge of distance education methodology and pedagogy highly desirable. **STAFF GRADE 5**

***01415. Supervisor, Housing, Housing and Food Services, Hazleton Campus**—Responsible to the manager, Housing and Food Services, for administering and coordinating housekeeping operational functions in assigned residence halls. Requires high school graduate, or equivalent, plus one to two years of effective experience. General knowledge of building maintenance and housekeeping functions desirable. **STAFF GRADE 4**

***01416. Supervisor, Housing, Housing and Food Services, Behrend College**—Responsible to the manager, Housing and Food Services, for administering and coordinating housekeeping operational functions in assigned residence halls. Requires high school graduate, or equivalent, plus one to two years of effective experience. General knowledge of building maintenance and housekeeping functions desirable. **STAFF GRADE 4**

***01417. Coordinator, Intramural and Recreational Programs, Behrend**

College—Responsible to the director of athletics and assistant dean of student services for coordination and supervision of all intramural athletic programs, organizing and supervising student groups in support of such coordinating club sports and general planning, supervision, and implementation of intramural and recreational programs for the college. Requires bachelor's degree, or equivalent, in physical education or recreation with one year of effective experience. **STAFF GRADE 6**

***01419. Area Representative, Continuing Education, Ogees Campus**—Responsible to the director for the development, organization, operation and administration of Continuing Education programs in an assigned Continuing Education service area. Requires bachelor's degree, or equivalent, plus two to three years of effective experience in business, industry or education. **STAFF GRADE 7**

***01420. Drafter, Electro-Mechanical, Applied Research Laboratory, University Park Campus**—Responsible to the supervisor, Design and Drafting, for the accurate performance of a variety of drafting operations on all types of drawings for electronic, electro-mechanical, mechanical, hydraulic and acoustic equipment and devices. Requires associate degree, technical school training, or equivalent, in electro-mechanical drafting plus six to nine months of effective experience. **U.S. citizenship required. STAFF GRADE 3**

***01421. Drafter/Designer, Electro-Mechanical, Applied Research Laboratory, University Park Campus**—Responsible to the supervisor, Design and Drafting, for the accurate performance of a wide variety of drafting operations including layout and design work on all types of drawings for electronic, electro-mechanical, mechanical, hydraulic, and

acoustic equipment and devices. Requires associate degree, technical school training, or equivalent, in electro-mechanical drafting plus two to three years of effective experience. **U.S. citizenship required. STAFF GRADE 5**

***01422. Junior Engineering Aide, Applied Research Laboratory, University Park Campus**—Responsible to the project engineer or designated senior engineering aide for assistance in the fabrication, testing, installation, operation, and maintenance of non-standard electronic or mechanical parts, components, and equipment. Requires associate degree, or equivalent, in electrical or mechanical engineering technology program, and more than three months of effective experience. Position may require travel on field assignments including assignments aboard ships at sea. **U.S. citizenship required. STAFF GRADE 3**

***01423. Engineering Aide, Applied Research Laboratory, University Park Campus**—Responsible to the project engineer or senior engineering aide for the layout, design, fabrication, and construction of standard electronic or mechanical components and equipment. Requires associate degree, or equivalent, plus two to four years of effective experience in the design and fabrication of experimental equipment. Position may require travel on field assignments including assignments aboard ships at sea. **U.S. citizenship required. STAFF GRADE 5**

Hershey

For the following position vacancies, apply directly to The Milton S. Hershey Medical Center. Attach resume with cover letter indicating the position vacancy code and forward to the Department of Human Resources, Hershey, or call the Hershey bid line at

(717) 531-8531 by April 11.

***17346. Data Analysis Assistant, Department of Nursing Center for Nursing Research**—Responsible to the project manager, Robert Wood Johnson Pew Strengthening Hospital Nursing Program, for assistance in the provision of research activities to include data collection, computerized data management and statistical analysis programming. Requires a bachelor's degree or equivalency in mathematics, statistics or related field, with a strong concentration in data management plus one to two years of effective experience. Experience in the use of statistical packages such as Minitab, SYSTAT or SAS and ability to use microcomputers and MS-DOS is required. **STAFF GRADE 5**

***17342. Programmer Analyst, Department of Information Systems**—Responsible to the programming supervisor for the analysis of how data processing can be applied to specific user problems for the design of effective data processing solutions and for the development of effective, efficient and well documented programs. Requires a bachelor's degree in computer science or equivalency plus one to two years of effective experience. **STAFF GRADE 6**

***19095. Nurse Manager, Department of Nursing**—Responsible to the assistant director of nursing for the operation of the pediatric ICU and intermediate care units, including nursing care activities, coordination of patient care service, and maintaining acceptable standards of good patient care on a 24-hour basis. Requires a bachelor of science degree in nursing or equivalency, plus three to four years of effective experience and licensed to practice as a registered nurse by the Pennsylvania State Board of Nursing. Master of science degree in nursing preferred. **STAFF EXEMPT, GRADE 7**

Bookshelf

Gerhard F. Strasser, associate professor of German and comparative literature: Ronald W. Walker, Colorado State University; and Erwin Tschirner and Brigitte Nikolai, both of the University of Iowa have co-

authored *Assoziationen: Deutsch für die Mittelstufe*.

The intermediate-level textbook for use at colleges and universities, published by Random House/McGraw-Hill, is the first new second-year book to reflect the changes in Germany brought about by the dismantling of the Wall and the 1990

unification.

It also is the first textbook to use a wide array of authentic reading materials ranging from magazine and newspaper articles, advertisements, polls, interviews and letters to poetry and excerpts from novels, radio plays and short stories. The readings integrate cultural materials from the two

former Germanies, Austria and Switzerland.

The *Assoziationen* program includes a detailed *Instructor's Manual* (also co-authored by Dr. Strasser), along with a workbook, a package of visual materials and activities for the instructor, a video program with guide book, color slides and the *McGraw-Hill Electronic Language Tutor*.

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William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

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INTERCOM

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Volume 20, Number 28

Economic impact of convocation center is detailed

The proposed Academic/Athletic Convocation and Events Center will have a total statewide economic impact of nearly \$100 million during the first five years of construction and operation, according to a new study by University researchers.

"The three-year construction effort itself will have considerable economic impacts totaling \$78 million, resulting in 1,125 jobs," said **William D. Anderson**, assistant director of the Center for Regional Business Analysis in The Smeal College of Business Administration and a co-director of the study. "That averages out to an economic impact of \$26 million and 375 jobs per year for construction alone."

"These impacts are likely to be felt statewide as contractors, sub-contractors and other suppliers throughout the Commonwealth are involved in constructing the new facility. Outlays for construction will result not only in direct impacts, but they also will have additional stimulative impacts as portions of these outlays are re-spent throughout the state's economy."

Total cost for the Academic/Athletic Convocation and Events Center is expected to range between \$50-\$55 million. The Commonwealth of Pennsylvania has authorized \$33.8 for the facility, with Gov. Robert P. Casey releasing \$16.8 million of that commitment in January.

The University is planning a fund-raising campaign to cover the remaining costs.

The study also examined the post-construction annual economic impact of the facility in the six Central Pennsylvania



Researchers in The Smeal College of Business Administration discuss the results of their economic impact study of the proposed Academic/Athletic Convocation and Events Center with members of the media. The study shows the center will have a total statewide economic impact of nearly \$100 million during the first five years of construction and operation. (Photo: Greg Grieco)

counties of Centre, Blair, Clearfield, Clinton, Huntingdon and Mifflin.

This impact would come not only from athletic events, including men's and women's basketball, other varsity sports, and tournament competitions, but also from exhibitions and conferences, commencements, special events such as world-renowned speakers and family entertainment.

"We constructed two scenarios, one

based upon 81 events per year and one based on 208 events per year when the convocation center is fully operational," Mr. Anderson said.

The "initial" scenario of 81 events annually would have a total economic impact of \$9.1 million, resulting in 191 jobs, he noted. The 81 events would attract about 561,000 attendees per year.

The "full-scale" scenario of 208 events annually would yield \$23.9 million in total

economic impact, resulting in 504 jobs. At this level of use, the facility would attract about 1.25 million attendees annually.

In addition to the Center for Regional Business Analysis, directed by **Rodney A. Erickson**, the study involved the Pennsylvania Economic Modeling and Forecasting Project at University Park and: — the Center for Travel and Tourism Research in the College of Health and Human Development with associate professors of leisure studies **Richard J. Gielson**, **Alan R. Graefe** and **Frank B. Guadagnolo**;

— the Department of Mineral Economics in the College of Earth and Mineral Sciences with **Adam Z. Rose**, professor of mineral economics, and **Shih-Mo-Lin**, research associate.

The researchers used an input-output analysis, a standard procedure that provides insights into economic interdependence, and the IMPLAN Model, one of the pre-eminent sets of regional input-output data developed and maintained by the U.S. Forest Service in conjunction with several other governmental agencies.

"Among our assumptions was that nearly all direct financial outlays for construction - 92 percent - will remain in-state," Anderson noted.

Anderson noted that all on-site construction will be done by in-state firms.

"We expect the construction costs for Penn State's convocation center to mirror the distribution associated with the recently completed Breslin Center at Michigan State University."

See 'Convocation' on page 14.

University Park address

President Thomas spoke to faculty, staff and students in Eisenhower Auditorium at the University Park Campus on Thursday, April 4. The text of the President's remarks is on pages 3-5. (Photo: Greg Grieco)



Week of young child is being celebrated

This year's Week of the Young Child celebration, April 7 to 13, features the theme: "Quality Child Care—good Beginnings Never End."

Noting an increasing awareness of the crucial need for a good child care service delivery system, **Mary Shiffer**, director of child care program services in the Office of Human Resources, said one way to begin to address the issue on the community level is a Child Care Referral Service.

"This type of service," she said, "tries to bridge the gap between the parents seeking care and those who provide it. In State College, the gap will soon be bridged by 'Connections for Kids,' a new and good

See 'Child Care' on page 14.

Focus on Diversity

Women in engineering is focus of conference/reunion

The first woman dean of engineering in the United States and a nationally known historian of engineering and technology are the featured speakers at the College of Engineering alumnae conference/reunion, "Challenges and Achievements: A Celebration of Women in Engineering," April 18-20.

Eleanor Baum, dean of engineering at Cooper Union in New York City, will give the plenary address: "A Portrait of the Woman Engineer," at 1 p.m. Friday, April 18, in the Keller Conference Center Auditorium at University Park.

Dr. Baum has been involved in groundbreaking tasks investigating the failures of student and faculty pipelines to attract a broadly based generation of students and educators into engineering. She is a well-known advocate of increasing the numbers of underrepresented populations in engineering schools.

John Lienhard, M.D., Anderson professor of technology and culture at the University of Houston, will speak on "Women in Male Preserves: Getting There" at 10:15 a.m. Saturday, April 19, in Mineral Science Building Auditorium.

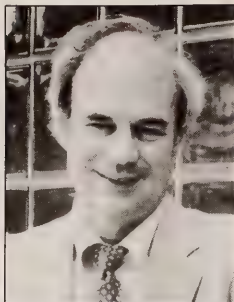
Dr. Lienhard is the creator and host of the popular National Public Radio program "Engines of Ingenuity," a daily, three-minute, program offering glimpses into the history of invention and technology. He also is the recipient of the American Society of Mechanical Engineering Ralph Coats Foe Medal for his contribution to a better public understanding and appreciation of engineering.

The conference/reunion also features seminar sessions on topics such as corporate glass ceilings, women in traditionally male professions, minority women in engineering, managing a demanding career and family, and sexual harassment on the job, facilitated by local and national experts.

Local presenters and their topics include Deborah Klevans, research project associate, Continuing Professional Education; A'ndrea Elyse Messer, science and research information officer; James B.



Eleanor Baum



John Lienhard

Stewart, vice provost and associate professor of labor studies and industrial relations; Louise Sandmeyer, manager, Human Resource Development; Sharon Jadnak Luck, director, Women in Engineering Program; Deb Hamilton, conflict management specialist, Center for Conflict Management; Patricia Johnstone, assistant director, Center for Women Students; Charles Garolan, assistant director, Palmer Museum of Art; John Mathews, professor of electrical engineering, director of the Communications and Space Sciences Laboratory, and director of the Engineering

Artist in Residence Program; Betty Moore, assistant director, Campus Life Assistance Center, and Vasundara Varadan, distinguished alumni professor.

The conference/reunion will close with a banquet Saturday evening in honor of the alumnae who graduated before 1970. A program "Portraits of the Past," will feature reminiscences by female engineering pioneers.

The conference is open to all, but requires registration. For information, questions, call Carol McCart, organizer and engineering alumni coordinator, at 865-9031.

Selection of books

A stall featuring a wide selection of books on women in science, engineering and technology; male and female management styles; career development, and gender communication will run concurrently with the College of Engineering Challenges and Achievements conference/reunion.

Sponsored by the Penn State Bookstore, the stall will be open 7:30 to 9:30 p.m. Thursday, April 18, in Kunkle Lounge (Hammond Building); Friday, Kunkle Lounge, 7:30 to 11:30 a.m., and Keller Conference Center, noon to 5:30 p.m., Saturday, Kunkle Lounge, 8:30 a.m. to 1 p.m.

Applications sought by women's group

Professional Women at Penn State, a grass-roots group whose participants develop and maintain a communications network and serve as a resource for other Penn State women, is seeking applications to replace five of its members whose terms expire in June.

Coordinating Council members interact with women from all areas of the University, providing them with an opportunity to experience an antidote to professional isolation; make new friends and professional contacts; and gain leadership experience, a greater understanding of the University, increased communication skills and self confidence. The council is comprised of 10 volunteers. Individuals from all cultural, educational and racial backgrounds are encouraged to participate on the Council so that it will represent well the diversity of the University.

The deadline for applications is May 10. For more information, contact Barbara K. Kennedy, chair-elect, 228 Pond Laboratory, University Park, telephone 863-4682.

Dick Gregory to speak at NAACP awards banquet

Activist, comedian and nutritionist Dick Gregory, will be the guest speaker at the Penn State NAACP chapter's Fourth Annual Achievement Awards Banquet on Sunday, April 14.

Mr. Gregory, who also is an author, businessman, recording artist, actor, philosopher and anti-drug crusader, will discuss how today's African-American college students can affect tomorrow's society at 5 p.m. at the Days Inn Penn State Hotel, State College.

The theme for the banquet will be "A

Mission to Lead," and its objective is to recognize students for their academic excellence and significant contributions to the Black-American/African-American community, local NAACP officials say.

Mr. Gregory used his talents and success in the entertainment world to bring attention to civil rights movement of the 1960s. He has participated in causes for world peace, against hunger and on the behalf of Native American Indians. Most recently his name has appeared in newspapers nationwide for his community

action approach to stamping out drugs.

Organized in 1909, the National Association for the Advancement of Colored People is an inter-racial, nonpartisan and social action organization. Chartered on July 5, 1987, the Penn State chapter has more than 200 members and has won numerous national honors.

Tickets cost \$10 for student NAACP members and \$15 for non-students. They will be sold in advance at the HUB ground floor desk. Tickets may be obtained by calling (814) 862-0757 or 863-7068.

Diversity Opportunities Calendar

Friday, April 12

Exercise and Sport Science, noon to 1 p.m., 108 White Building, Faculty/staff workshop in African dance with Myncha Munchillo-Bullock; drum music by Don Berinato and Andrew Jackson of the "Earthtones."

Paul Robeson Cultural Center, 8 a.m. to 5 p.m., Robeson Center Gallery. Photographic exhibit: "Women of Courage," through May 8.

Saturday, April 13

Paul Robeson Cultural Center, 8 p.m., Schwab Auditorium. Jazz festival. For information, call Robeson Center, 865-1779.

Wednesday, April 17

Commission for Women, 11 a.m. to 3 p.m., Founders Room, Science and Technology Building, Penn State Mont Alto Campus. (Bus trip to Mont Alto from University Park.) Call Lynn Ryan, 865-

1683.

Women's Studies Program, 8 p.m., Hetzel Union Building Gallery. Hortense Spillers on "In the Flesh: A Situation of Feminist Inquiry."

Thursday, April 18

Black Caucus, 7 p.m., Paul Robeson Cultural Center. Symposium featuring Grace Hampton, vice provost; Cynthia Baldwin, alumni association president; and Cecile Spring, board of Trustees member.

President Thomas' address

One of the greatest teachers that I ever had the privilege of studying under, William Howard Weston, a microbiologist, had a very special greeting that he always gave at every class that he taught; every public appearance that he made. I would like to borrow from him and begin by saying, "My dear colleagues." He began every class with that.

So, my dear colleagues, it is a pleasure and a privilege to stand before you today and to address what has become my favorite subject: The Pennsylvania State University. In the time we have together this afternoon, I want to share with you the goals and values I bring to the Penn State presidency, and to outline the circumstances under which we must work to maintain and advance this University.

First I would like to establish the frame of reference within which I see Penn State University in 1991. This University made great progress during the 1980s. There were expansionist opportunities and Penn State capitalized on those opportunities extraordinarily well under the superb leadership of former President Jordan, with the support of a distinguished and incredibly loyal Board of Trustees.

I am pleased to note, that during the same time frame, I plotted a course at The University of Alabama very similar to the one plotted by Bryce Jordan at Penn State. We focused on academic quality improvement, a strong research thrust, economic development initiatives, and a major capital campaign that doubled its original goal. The University also saw substantial growth during that period.

But success brings problems, and our most serious problem at Penn State is clearly the product of success. We have an enormous space problem, particularly at University Park, but elsewhere as well. Also during the past decade we have experienced a serious decline in the percentage of our support, both capital and operating, that is provided by the state. To offset that decline, Penn State has been forced to increase tuition by an average of approximately 10 percent per year, for the last twenty years. This, despite the fact that our state appropriation has included an increase for Penn State every year since 1977. This year the Governor's proposed budget recommends a small decrease for our University. Thus, the frame of reference for the early 1990s clearly shows a university with a record of substantial progress and momentum, but also one faced with serious fiscal problems that extend statewide and indeed nationally, serious space problems, and serious tuition concern and resistance.

Under different circumstances I would present a different agenda, but despite the looming difficulties, the agenda that I bring to you today is characterized by optimism, is forward looking, and, as I believe, appropriate for Penn State in 1991.

My goals are straightforward. They begin and end with academic quality. Penn State is an academic leader among the world's teaching and research universities. I want it to be even stronger academically when my successor moves into the President's Office in Old Main. Achieving that goal will depend primarily on the members of the faculty. The quality, imagination, and vigor of the administration are of minor significance as compared to the impact of the scholarship of the faculty. It is the job of the administration to create an environment at Penn State that supports the faculty's efforts and lets them know how deeply their contributions to this University are appreciated.

We are, I believe, fortunate to do our work in the setting of a contemporary land-grant university. It is a setting much preferable to the cloistered mission of the frequently elite private universities of this country. As the late Bart Giamatti noted in an essay on "Leadership

and Standards in American Universities," -- and I quote -- "The Harvards, Yales, and Dartmouths of the world are never going to serve a local or state function as much as they ought to; their mission is not the same as the state-supported school."

From my perspective, Giamatti's observation is good news for public higher education. We should celebrate our differences. As we consider Penn State's past and future, it is appropriate that we review some of the products, services, contributions, and related benefits that have come from this place. If we are able to judge a tree by the fruit it bears, I believe I can show anyone that this University has been fruitful beyond belief. Its founding and continued sustenance have proven to be wise investments. This can be shown by considering either the teaching, the extension and public service, or the research components of the splendid resource that surrounds us here at University Park and at our twenty-two other locations across the Commonwealth.

My conversations and meetings with Penn State family and friends suggest that not enough is known or understood about this great University, despite its extraordinary success in recent years.

Undergraduate education

Although there is great concern nationally over the emphasis on undergraduate education, Penn State has demonstrable strength in teaching and concern for quality undergraduate education.

The indicators of undergraduate excellence at Penn State are many and impressive. Vice Provost and Dean for Undergraduate Education Greg Knight advises me that:

"Penn State ranks fifth overall among the more than 3,000 colleges and universities in the nation in terms of graduating baccalaureate students who pursue doctoral degrees.

By discipline, in July 1990, Penn State ranked eleventh nationally in physical sciences; ninth in engineering; fourth in life sciences; ninth in social sciences; second in education; and ninth in the professions.

Another indicator ranks Penn State eighteenth nationally among public and private institutions chosen by National Merit Scholars.

Yet another reveals that last year, forty-three Penn State undergraduate seniors were honored in the National Science Foundation Graduate Fellowship Program.

Our efforts toward improvement of undergraduate education are likewise impressive. Penn State was recently designated as co-director of the National Center on Postsecondary Teaching, Learning, and Assessment. We were a founding member of the Alliance for Undergraduate Education -- an alliance composed of some of the most prestigious research universities in the nation.

Internally, a Task Force on Undergraduate Education, appointed by the Office of Undergraduate Education in consultation with the University Faculty Senate, has been working for several months and I am eagerly awaiting its report which is expected soon.

In addition to these efforts, I am proposing that we give significantly greater attention to the teaching-learning environment at Penn State, with particular attention to the complementarity between teaching and research.

In my commitment to ensuring the place of quality undergraduate education at Penn State, I want to reiterate my strong belief that the research university is the best model in existence for undergraduate education. At its very best, teaching and learning at the frontiers of knowledge open new worlds for students

and faculty. Evan Pugh Professor of Psychology Herschel Leibowitz addressed this topic eloquently before the Penn State Board of Trustees in 1982. He argued persuasively then that research and teaching are not antithetical functions. Rather, they are intimately related and mutually beneficial. Those who have experienced the relationships between teaching and research know what Dr. Leibowitz means when he calls this "mutual interdependence" remarkable.

New initiatives

To give additional encouragement to this thrust, I intend to put in place several new initiatives. Due to present financial constraints, some of these initiatives will have to be implemented in stages, but I intend to move immediately in some areas.

The first initiative will be to upgrade the awards, based primarily on teaching effectiveness, with additional increases in the financial rewards for the faculty members involved receiving University-funded awards.

Second, I plan to establish a small grant program for teaching improvement proposals with particular emphasis on programs that can be readily shared or adapted across departments and disciplines.

Third, a small grant program will be established for research support that will be available only to faculty members who are carrying heavy teaching responsibilities. I am thinking in terms of a minimum teaching responsibility of 3.2. Proceeds from this grant can be used to further a wide range of research activities, but cannot be used to buy time away from teaching.

Fourth, when funds become available, I intend to provide additional resources to encourage and support undergraduate participation in research. We have significant activity in this area at the present time, but it needs to be expanded.

Fifth, we have already initiated a new thrust to give greater encouragement to our undergraduate students in pursuit of Truman, Marshall, and Rhodes scholarships. Penn State has fared very poorly in this arena. I participated in the interviews this year for the finalists in the Truman scholarship program for students from Pennsylvania, New Jersey, and Delaware. There was not one representative from a public university among the finalists. With the initiatives underway, I am confident that we shall see improvement.

As we continue to evaluate our efforts to improve teaching and learning, and as the various centers and task forces help develop our future agenda, we must not only develop a broader and sharper vision of how teaching must change, we must use appropriately new resources and technologies; we must balance appropriately knowledge transmission and knowledge utilization. Most important, we must have the energy and the courage to respond to the agencies and demands for change that our new vision clarifies, and our technologies make possible.

Academic standards

An overriding concern that I have regarding the teaching-learning environment is for standards. As I have stated on numerous occasions, the deterioration of standards in our society over the last two decades has created the most serious problems we face. Unfortunately, academic standards in our universities have been subject to deterioration as well. Faculty will -- and must -- expect more of students. Consider that a 1989 national faculty survey reported:

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President Thomas' address

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* Two-thirds of a sample of university professors felt that students are not well prepared.

* 60 percent said that they are teaching high school material at the college level.

* 55 percent said that students do just enough work to get by; and

* 75 percent said students are less willing to work hard now than they were a decade ago.

Another study completed recently by the American Council on Education suggested that the average university student studies less than sixteen hours a week outside of class. This is precisely the kind of situation I described some months ago in reference to my own experiences in the classroom last year. We must do better: faculty are justified in raising their expectations.

At the same time, it should be noted that student expectations of faculty also are on the rise. Here at Penn State, the Academic Assembly has moved to recognize quality advising, so necessary during the undergraduate experience. Also, the Undergraduate Student Government has expressed keen interest in a published form of teaching evaluation. These are indications that rising expectations and accountability are going to be with us, both faculty of students and students of faculty. We should welcome and encourage this healthy trend.

As we work to improve our undergraduate education programs, it is my hope that we can give additional attention to leadership development. This University has world class programs in areas that are of most serious national concern. These include food, energy, materials, health, environment, and others. But if we are to play a greater role in leadership development it will be essential for us to strengthen our programs and students' experiences in the liberal arts. We do have obvious strength in some areas of the liberal arts but this is an area that clearly needs additional support. Our record in receiving Truman, Marshall, and Rhodes scholarships is further evidence of a need for enhancement in this area.

There is a paucity of effective leadership in our country today for all our institutions: business, government, and academic. If land-grant universities are to assume or earn a greater role in the education of leaders, maintaining their academic complexity becomes of great significance. Meaningful and rigorous experiences in the arts and humanities becomes increasingly important. This is true not only for the added skills in communication and perception and the socializing influences, but more importantly for the broadened base of sensitivity to the range of human values, for a sharpening of the ability to see problems and issues from multiple frames of reference. Of particular importance will be the development of a comprehensive understanding of the historical and contemporary prevalence of ambiguity in all of human affairs. My experience as a university administrator leads me to suggest that tolerance for ambiguity may become one of the prime requisites for leadership responsibility, and we need to help our students understand and master such tolerance.

The liberalization of the mind - that ultimate goal of a liberal education - is so essential in the development of leaders. We can all recall leaders in various fields who showed a remarkable capacity to master realms of data and technical details but who fell short in the capacity to formulate broader perspectives or relevant insights. These leaders often fell short also in the qualities of humility, humanity, and humor - desirable qualities of leaders in any society.

Research is another example of success - probably the most prominent success story at this University over the past decade. Penn State is at the forefront of America's

research universities and its research enterprise is among the fastest growing in the nation. We must do everything necessary to protect that status and to reach ever higher. I am optimistic that we can accomplish this if we approach the task diligently. Federal research funding, even in this difficult fiscal environment, is targeted at areas of strength at Penn State. We must capitalize even more effectively on these opportunities and seek new sources of support for our research. Provost Hoesler and I are committed to doing all that we can to enable Penn State faculty to continue their astounding success in the competition for research funds at the national level. This will be an important assignment, too, for the person who replaces Dr. Hoesler as Provost later this year.

The most obvious and serious obstacle that we face in expanding our research activities is limited space. The last Department of General Services building constructed at University Park for academic purposes was the Walker Building, built in 1974. Our enormous space needs will obviously be a continuing concern for this University for several years, but I do intend to address this problem as vigorously as possible. As an emergency measure I propose to use the bonding capacity of the University along with private fund-raising activities to initiate a few projects immediately. Whenever possible we hope to use funds from bonds and private fund-raising activities to leverage additional dollars both from the state and from other sources.

New academic facilities

In addition to the new classroom building under construction and the addition to the art museum that is in the final stages of planning, in the near future we expect to move forward with three additional academic facilities:

- 1) a new engineering building that will be constructed west of Atherton Street;
- 2) an expansion of the Music Building; and
- 3) a new facility for the College of Health and Human Development.

We also plan to break ground in the fall for facilities in the Research Park to include a technology center, a research laboratory building, and a continuing education facility. Continuing Education is an area of great potential at Penn State. With this new center, along with the new convocation center, Penn State will, for the first time, have facilities that will make possible our hosting major regional, national, and international conferences and conventions.

These new buildings will lead to released space in several other buildings and we are making plans for renovations where necessary for other University units that will be moving into the released space.

Unfortunately, half of the departments on campus could use effectively the space opening up in the Keller Building. But we shall soon make the necessary and difficult decisions to allocate this and other space, knowing that we do not have enough to meet everyone's needs.

I have also made commitments of University resources in an effort to encourage the release of state funds to construct the addition to Pattee Library and to attract new state funds to construct the Robeson Cultural Center as a part of the expansion of the HUB. These commitments were made to provide not only additional leverage for the release of state funds, but also incentive to increase the generation of private dollars.

In the long term, we intend to work with the President's Planning and Budget Advisory Committee in the development of capital project priorities. Throughout this process, the academic needs of the

University will be our first priority, and we will continue to press vigorously and seek leverage for the release of state funding for these critical needs.

Within Penn State's mission of teaching, research, and service, the complexities are, I believe, infinite. Those outside the University community sometimes fail to understand the extent to which we are the place where debate and discussion of major issues must occur. As a former Vice President for Student Affairs, I advised students to seek the reverse of the three monkeys who pledged to speak no evil, see no evil, and hear no evil. Not that we should seek out evil, but students - and for that matter, universities - need to have all the data in debating and understanding issues. We must teach and learn in an environment which encourages both an openness to new ideas and the courage to speak the truth as one sees it. And we do this with an understanding that our ultimate goal is the building of unity and teamwork to support the forward momentum of the University community that we are privileged to serve.

No where is this more important than the area of diversity. Penn State's initiatives here are designed to complement, not compete with, its mission of teaching, research, and service. What we seek here is equity for women and minorities both within the Penn State community and in the larger world. Our commitment is long-term and dedicated to the core values of our nation: those inalienable rights of life, liberty, and the pursuit of happiness. Or stated more simply, the building of a playing field that is truly level in all respects for all participants. Our success - or failure - in this critically important area will have consequences on the quality of life of the next generations.

We must work to succeed not only within the boundaries of our nation, but also in our obviously interdependent world. Toward that end, we need to encourage increased participation in and support for internationalizing Penn State's programs. Ideally, in my view, every Penn State undergraduate would study at least one foreign language in depth and would spend at least one semester living and studying abroad.

Having worked within the current administrative structure for seven months now, I do not see a need for immediate substantial change in this structure. I do anticipate some administrative refinement in the foreseeable future and would expect this to continue as opportunities and needs arise.

The strategic planning and budget and planning programs we are working through university-wide will provide much of the basic data guiding management decisions for the University. The results of these processes, in part, will come together for the current year in late spring and early summer. I have attended every session of the President's Planning and Budget Advisory Committee - a time consuming but educational process for a new president. I can tell you now that we can expect the direction of our efforts here to be along the line of carefully targeted refinements as opposed to major new expansions. Our emphasis in planning and growth will be selective, with the major thrust being an increase in quality rather than size or number. This refinement move does not portend a slowing down. There must continue to be growth and change at Penn State, even if growth in one area requires retraction in another.

Role of CES

I also want to give special attention to the role of the Commonwealth Educational System. In addition to the strategic planning and budgeting process, I have initiated a series of workshops involving primarily the Academic Deans and the Campus Executive Officers. Through

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President Thomas' address

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these and other activities, we must gain a better understanding of the obvious ambiguities in this system and address these ambiguities as we establish the appropriate role for this unique and enormously valuable component of Penn State.

Many of the ambiguities here center around standards — admission standards, retention standards, promotion and tenure standards for faculty, and standards for extended degree programs. We must develop clearer understandings of the role and mission of our various campuses, and of the expectations that we have for the faculty on the campuses.

State appropriations for higher education in Pennsylvania have a long and difficult history. Pennsylvania is near the bottom of the barrel — forty-seventh among the fifty states — in appropriation per full-time equivalent student for public higher education. As a newcomer to Pennsylvania, it is apparent that the General Assembly does not perceive that the people of this state regard public higher education as a high priority or as a wise investment of public funds. We need to work hard to change that perception. Once changed, experience tells me that investment will follow. In the seven months since I have been in Pennsylvania, I have visited with members of the General Assembly and the Governor and his staff more than any other group. I am persuaded that we need to do a better job of articulating the wisdom of investing in Penn State. My early impression is that we have done very well in delivering our message in Harrisburg. This message must be delivered convincingly throughout the Commonwealth in order to have the desired impact in Harrisburg. Delivering this message will be a high priority of my administration. My effort in this area began early and continues as I visit the many locations of Penn State and our various constituencies and support groups. This effort will obviously be a priority assignment for the new Senior Vice President and Dean for the Commonwealth Educational System, but we must all join in both telling Penn State's story and in impressing upon the people of Pennsylvania the need for greater support for public higher education.

Penn State's economic development activities are strong and powerful force in demonstrating the impact that Pennsylvania's premiere public research university has. Our success in this regard University-wide serves us well in these difficult times. The research park under way at University Park will, I believe, confirm Penn State's place as this state's flagship university. The park will act as a magnet for progress. Its primary beneficiaries will be scholars at Penn State, but the economic benefits to all of Pennsylvania and beyond will be enormous. In a period of five to ten years, the vision of the early planners of this activity will be applauded far beyond central Pennsylvania. For the peace of mind of any who might have concerns about this venture, let me reassure you by stating that in the entire phase I construction program, we are not building anything that is not presently a high priority need at University Park.

Another area of the University that is having an increasingly significant impact on the economy and the economic development of the Commonwealth is The

Hershey Medical Center. That Center will soon become the largest employer in Hershey and is poised to become a national leader in both academic and clinical research. Yet The Hershey Medical Center is ranked seventy-fifth out of seventy-five public medical schools in state support. In some classifications it is listed as a private school because it generates essentially its entire budget through tuition, private support, hospital operations, patient revenues, and research grants. This unit is among the greatest assets of this Commonwealth, and we must find a way to generate additional support to allow it to achieve its great potential.

Private support

It is vision and accomplishment rather than just need that attracts both public and private support. And in contrast to our record in state support, Penn State has been enormously successful in private fund-raising in recent years. During the 1980s and primarily associated with The Campaign for Penn State, annual private giving here increased from \$10 million to 562 million, more than a 500 percent increase. The Campaign ranked as one of the five largest of its kind and the University now ranks among the top ten in terms of private gifts received each year.

Even though the Campaign has concluded, we must and we will continue to be very active and very successful in private fund-raising. As I have noted on a number of occasions, University-generated dollars are increasingly important in the release of state dollars for capital projects.

In addition, and most importantly, private giving provides a margin of excellence in academic areas where state funding has not been sufficient. I refer to endowed faculty positions, undergraduate student scholarships, and graduate fellowships, among other things.

It pleases me to note that I recently appointed a new National Development Council of distinguished Penn State alumni and friends to provide critically needed volunteer leadership in this area. Continued major gift fund-raising in all academic areas is vital. I am personally committed to providing continued leadership in this area, which is so important to the University and its future.

The fiscal constraints and global political uncertainties we face at the beginning of this decade will obviously make our work more difficult. It is likely that within some categories we will have to do fewer things better. Yet I am mindful that during a time when colleges and universities nationwide are asked and expected to reduce expenditures, we must be careful to guard against becoming too narrow and losing those qualities that come only with complexity.

Scholars and university administrators will have to summon forth during the 1990s not only a new level of mental energy to find solutions to physical, economic, and social problems that confront us, they will also have to summon forth a new level of discipline.

Eric Hoffer, that marvelous self-educated critic of the establishment, in an article entitled "Beware the Intellectual" stated the following: "It is conceivable that if the exhaustion of raw materials and sources of energy make it imperative for a society to tap the creative energies of its people, it may in doing so tap a new source of social discipline, for the creative individual, no

matter how highly endowed, must be hardworking and disciplined if he (or she) is to accomplish much."

Major obstacles

More important than the work ethic discipline referred to by Hoffer will be the kind of discipline required to overcome two other major obstacles that confront us. First, is that many of the problems we must now deal with are large problems that will require major group efforts and cooperative programs. These will extend beyond traditional groups within academic or non-academic departments, and will involve, increasingly, cooperative programs between divergent groups — interdepartmental, interschool, interuniversity, or international in scope. The aggravations and territorial imperatives that arise from such programs are often as difficult as the problems themselves. There will be a special demand for those scholars and those university administrators who can rise above the frustrations and aggravations that accompany in abundance these large cooperative programs.

Special rewards should be made available to those who can make it work. As a southern politician once said, "There comes a time when you simply have to rise above your principles."

The second obstacle which is interrelated is the complex of all the minor obstacles, filters, and petty bureaucratic entanglements, mostly externally imposed, that scholars and administrators today must overcome. Indeed, I am not nearly so concerned about our ability to find answers to the major questions and puzzles that lie before us as I am of our ability to overcome somehow all of the petty obstacles that sap our physical and mental energy and keep us from doing our daily work. We must maintain our vigilance and increase our efforts at reducing or minimizing these problems, but in the near term there will be a great demand for persons who can maintain a high level of productivity despite the encumbrances. This will require a special kind of person and a special kind of discipline.

I pledge to you my commitment to make every reasonable effort to ease these obstacles internally as we seek ways to refine our administrative structure and to respond to new opportunities and initiatives.

The challenges are before us. The extent to which a particular university achieves greatness will be largely dependent upon the quality of scholarship coming from the university. The crises of the 1990s could well be the opportunities of the nineties. I am told the Japanese word for crisis, *wei-chi*, literally means a dangerous or threatening opportunity. We do indeed face a tremendously dangerous opportunity! Pogo approached this concept from a similar perspective in saying, "We are surrounded by unlimited and insurmountable opportunities."

Shakespeare's Brutus summarized it well in Act IV of *Julius Caesar*: "There is a tide in the affairs of men (and women) which taken at the flood leads on to fortune...on such a full sea we are now afloat, and we must take the current when it serves, or lose our ventures."

I welcome the opportunity to take the current with you.

Thank you.

Focus on the arts

HUB Art Alley

The Central Pennsylvania Guild of Craftsman Annual Member Show is on display until April 28 in the HUB Art Alley Panels and Cases at University Park.

The exhibit includes crafts in various media, including pottery, jewelry, woodcarving, stained glass, quilting, weaving and papermaking.

Pattee exhibit

On exhibit through May 12 in Pattee Library's West Lobby Gallery are works by students in the departments of Architecture and Landscape Architecture.

The exhibition, juried by faculty members in these departments, reflects a variety of student interests and experiences within and beyond their fields of study. It is sponsored by the Arts and Architecture Undergraduate Student Council.

Orchesis Dance Company

The Orchesis Dance Company will perform at 8 p.m. Thursday and Friday, April 11 and 12, and 2:30 and 8 p.m. Saturday, April 13, in the White Hall Dance Theatre at University Park.

Patricia Heigel-Tanner is artistic director of the company which is sponsored by the College of Health and Human Development.

Admission to the performance is \$3 for students and \$4 general admission.

Featured author

The Penn State Bookstore on campus will feature author William Joyce, who will sign and discuss his books of poetry and fiction — *Listen America, You Don't Even Own Your Name* (1989), *For Women Who Moon* (1989), *First Born of an Ass* (1989) and *Recorder of Births and Deaths* (1990) — from noon to 2 p.m. Friday, April 12.

Mr. Joyce is a Penn State journalism graduate. He has worked as a reporter for KDKA-TV News in Pittsburgh and as a magazine freelancer. He earned an MFA in fiction writing from the University of Iowa and has given readings of his work at colleges throughout the United States.

A 20-percent discount will be offered on his books during the booksigning session.

Mozart Jubilee concert

When Wolfgang Amadeus Mozart was commissioned in 1790 to write three works for a mechanical clock organ, he envisioned the richer sound of a true organ. Two centuries later Mozart's vision will become a reality at the Mozart Jubilee at 3 p.m. Sunday, April 14, at St. Paul's United Methodist Church in State College.

The concert, ending the Mozart 200



'Essentially Iris,' a watercolor by Marilee Erwin, is part of an exhibit of her watercolors on display in Kern Gallery through May 3.

series presented by the Center for the Performing Arts, features organists James Moeser and Susan Dickerson. They will be joined by the Pennsylvania Quintet and other local musicians.

Dr. Moeser, a professional musician and dean of the College of Arts and Architecture, opens the program on the organ with the Adagio and Allegro in F Minor, K. 594 and closes with the Fantasia in F Minor, K. 608.

When Mozart worked as the organist at the Salzburg Cathedral, he composed 17 Epistle Sonatas. The sonatas, functioning as interludes between the Epistle and the Gospel at high mass, are quite short. Susan Dickerson, assistant professor of music at Penn State, organ; Joanne Zagst Feldman, violin; Lois Durran, violin; and Leonard Feldman, cello; will perform five of the church sonatas.

The final piece on the program is Mozart's Quintet in E-flat major for Piano, Oboe, Clarinet, Bassoon and Horn, K. 452. The piece will be performed by Pennsylvania Quintet members Barry Kroecker, oboe; Smith Toulson, clarinet; Daryl Durran, bassoon; and Lisa O. Bontrager, horn; joined by internationally known pianist Steven Smith. All are School of Music faculty members.

Center for the Performing Arts Intimate Excursions subscribers are guaranteed seating until 10 minutes before the performance, at which time the public will be admitted free, depending on seating availability. St. Paul's United Methodist Church is at 250 E. College Ave., State College.

Women's choruses

The Penn State Women's Chorus will present its spring concert at 4 p.m. Sunday, April 14, in the School of Music Recital Hall at University Park.

The ensemble will perform a variety of

music written and arranged for women's voices. The Penn State Keynotes, a select 16-voice ensemble, will perform the Cole Porter tunes "Night and Day," "Begin the Beguine" and "You're the Top."

The Penn State Women's Chorus is a 56-voice ensemble directed by Elizabeth Sharp and Russell Bloom.

Horn ensemble

The Penn State Horn Ensemble will perform in concert at 8 p.m. Sunday, April 14, in the School of Music Recital Hall at University Park.

The program will include arrangements of "Elsa's Procession to the Cathedral" by Wagner, excerpts from Verdi's Requiem and excerpts from several Beethoven piano sonatas.

The ensemble, directed by Lisa Bontrager of the School of Music faculty, also will perform on campus in a Bach's Lunch concert at 12:10 p.m. Thursday.

Altoona Campus

A contemporary version of "Spring Awakening," by German playwright Frank Wedekind, will be performed by the Penn State Altoona Campus Theatre Department.

With such characters as Dr. Lemonade, Rev. Baldabell, and Professor Bonebreaker, Flyswatter, and Gutgrinder, Mr. Wedekind kicks at Victorian authority that symbolized a society filled with hypocrisy, misuse of power, and the repression of youth.

The play opens at 8 p.m. Friday, April 12, in the Paul R. and Margery Wolf Kuhn Theatre. The show runs through April 19 with performances at 8 p.m. April 12, 13, 17, 18, and 19, and at 2 p.m.

April 18, in Eisenhower Chapel. The program will include a work by Kerkorian and arrangements of works by Beethoven and Wagner.

Brown bag luncheon

Ying-Ying Chien, assistant professor of comparative literature and women's studies, will speak about "Chinese Feminist Literature" as part of the Comparative Literature brown bag luncheon series at 12:15 p.m. Monday, April 15, in 101 Kern Building at University Park.

Those interested in attending only the lecture should arrive before 12:45 p.m. Coffee and tea will be provided to accompany a brown bag lunch.

The arts on Channel 3

The intriguing story of Catherine Howard, fifth of "The Six Wives of Henry VIII," airs on *Masterpiece Theatre* at 1:30 p.m. Sunday, April 14, as the final program in the sampling of "Twentieth Anniversary Favorites" celebrating two decades of the drama series.

Keith Michell, hailed as "the definitive Henry" when "The Six Wives" first aired in January 1972, stars as the rambunctious king who married six women and then disposed of five (the sixth out-lived him) in his desperate effort to insure his dynasty with a male heir. Angela Pleasence plays the ill-fated Catherine, condemned to death by Henry when she fails to produce his hoped-for son.

Innovation, airing at 7:30 p.m. Tuesday, April 16, looks at kinetic art — art that moves — in "The Artist as Scientist." In this program, the history of technologically based art is explored, from the Dadaist movement to the incorporation of lasers, neon, strobes and computer graphics into contemporary art productions.

See more 'Arts' on page 12.

The arts at

Sunday, April 14. The public is invited, and general admission tickets are \$3.

Schuyllkill Campus

David Barto will bring Henry David Thoreau, philosopher, writer, naturalist and non-conformist, to life Wednesday, April 17, on the stage of the John E. Morgan Auditorium at the Penn State Schuyllkill Campus as part of the Schuyllkill Lecture Series.

During his performance, Mr. Barto will present Thoreau through his ability to answer questions as Thoreau, and to respond in character, using Thoreau quotations, facts and anecdotes that provide insight into the man and his unique philosophies.

University Park Calendar

April 11 -
April 21

Special Events

Thursday, April 11
Bach's Lunch, 12:10 p.m., Eisenhower Chapel.
Penn State Flute Ensemble.

■ **International Lecture Series, 2:30-4 p.m., 222 Bouckie.** Jill Findeis on "Technology Adoption and the Indian Farm Household."
■ **Education Abroad, 7 p.m., 222 Bouckie.**

Informational program on work abroad opportunities for students.

Lecture, 8 p.m., HUB Assembly Room.
Barbara Smith, co-founder of Kitchen Table: Women of Color Press, on "In the Life: The Courage of Lesbians and Gay Men of Color."

Orchestra Dance Company, 8 p.m., White Hall Dance Theatre. Also April 12, 8 p.m.; April 13, 2:30 and 8 p.m.

Friday, April 12

■ **Lecture, 10:10 a.m., 105 Chambers.** R.G. Funnell, Royal Australian Air Force, on "Australia and the U.S. in the Evolving Pacific Security Context."

■ **Seminars, Italian and Portuguese symposium, "Borges Revisited," 1:30-4:45 p.m., 112 Kern.** John Barth, novelist, on "Borges and I," 1:30 p.m.

Shaver's Creek, Night Hike, 7:30-9 p.m. Call 863-2000.

■ **German Dept. play, 8 p.m., HUB Fishbowl.** "Requiescat de Grosse." Also April 13, 2 p.m.

School of Music, 8 p.m., Recital Hall. Penn State Philharmonic Concerto Concert.

Saturday, April 13

Shaver's Creek, Pledge-A-Bird, 9-11 a.m. Call 863-2000.

Phi Psi 500, noon-4 p.m.

American Association of University Women, 30th Annual Used Book Sale, 3-9 p.m., HUB Ballroom. Also April 14-17, 9 a.m.-9 p.m.

School of Music, 8 p.m., Eisenhower Aud. Penn State Symphonic Band.

Sunday, April 14

Shaver's Creek, Spring Walk, 1:30-3:30 p.m. Call 863-2000.

School of Music, 4 p.m., Women's Chorus; 8 p.m., Penn State Horn Ensemble, Recital Hall.

Carnegie Hall Film Series, 7 p.m., The Adventures of Sherlock Holmes (1939); 8:45 p.m., Time Bandits (1981), 108 Warrick. Free.

Monday, April 15

■ **Comp. Lit. Luncheon, 12:15 p.m., 101 Kern.** Ying-ying Chien on "Chinese Feminist Literature."

Wednesday, April 17

Old Main open house, 9 a.m.-4 p.m.

Commission for Women, meeting, 7:15 a.m.-3 p.m., Mont Alto Campus. University community is invited.

Teleconference, "Caring for Older Adults: Turning Research into Practice for the Health Care Professional," 2-3 p.m. Register: 863-7252.

Lesh Lecture, 7:30 p.m., 312 Keller Conference Center. Richard E. Lucier, Johns Hopkins, on "The Genome Data Base: A Tool and Model for Storing, Integrating and Disseminating Scientific Data."



Dancers of the Feld Ballet are shown in CIRCA costumes. The Feld Ballets/NY will perform at 8 p.m. Friday, April 19, in Eisenhower Auditorium.

Six Feminist Scholars Lecture Series "Gender and Representation," 8 p.m., HUB Gallery. Hortense Spillers, Cornell, on "In the Flesh: A Situation for Feminist Inquiry."

School of Music, 8 p.m., Recital Hall. Centre Dimensions, University Jazz Ensemble.

Thursday, April 18

Bach's Lunch, 12:10 p.m., Eisenhower Chapel. Penn State Horn Ensemble.

Friday, April 19

■ **Geog. Coffee Hour, 4 p.m., 319 Walker.** Allan Rogers on "Industrial Restructuring: The Case of the Italian Steel Industry."

Center for the Performing Arts, 8 p.m., Eisenhower Aud. Feld Ballets/NY.

URTC, 8 p.m., Pavilion Theatre, through April 27. "The Children's Hour."

School of Music, 8 p.m., Schwab Aud. Penn State Concert Choir, Chamber Singers, Penn State Philharmonic.

Saturday, April 20

Shaver's Creek, Wildflower Walk, 10 a.m.-noon; Low Impact Lawn Care, 1-3 p.m. Call 863-2000.

Blue-White Football Game, 1 p.m., Beaver Stadium.

Sunday, April 21

Shaver's Creek, The Winged Hunters, 1-2:30 p.m. Call 863-2000.

School of Music, 2 p.m., Schwab Aud. Penn State Singing Lions.

Carnegie Hall Film Series, 7 p.m., The Maltese Falcon (1941); 9 p.m., Local Hero (1983), 108 Warrick. Free.

Conferences

Continuing Education

Keller Building

April 18. Pa. Bar Institute: Taxes Affecting Descendants Estates. Shirley Hendrick, chair; Jeri Milson, coordinator.

April 18-19. Women Business Owners Conference. Shirley Hendrick, chair; Kathy Karchner, coordinator.

Seminars

Thursday, April 11

Forest Resources, 11:10 a.m., conference room. Land and Water Research. Dr. Thomas McLain, Virginia Tech, on "Strength and Reliability in Wood Products."

Aerospace Engineering Computational Fluid Dynamics, 1:25 p.m., 118 Sackett. Dr. Jaroslav Sobieski, NASA Langley Research Center, on "A System Approach to Aircraft Optimization."

Graduate Program in Ecology, 3:45 p.m., 8 Mueller. Doug Cottom on "Habitat Selection by White-Tailed Deer."

Computer Science, 4 p.m., 325 Whitmore. Ray Strong, IBM Almaden Research Center, on "New Latency Bounds for Atomic Broadcasts."

Gerontology Colloquium, 4-5 p.m., 106 Mitchell. Susan Puhl on "Exercise and Bone Mineral in Older Women."

Mueller Lectures, 8 p.m., 102 Forum. Dr. H. Rohrer, IBM Research Lab, Zurich, on "Science, Part of the Future." Also 11 a.m., 55 Osmond, "Science and Technology on the Molecular Scale."

Friday, April 12

Agromony, 3:35 p.m., 107 Ag Science/Industries. Douglas Miller on "GIS as an Integrative Tool in Earth Systems Science."

Monday, April 15

Center on Aging and Health in Rural America, 3:30 p.m., 101 Kern. Dr. Jeffrey A. Alexander, Univ. of Michigan School of Public Health, on "Organizational and Strategic Dilemmas of Rural Hospitals."

Entomology, 3:45 p.m., 204 Patterson. James Slavicek, USDA-ARS.

Tuesday, April 16

Geosciences Colloquium, 3:45 p.m., 112 Walker. RayNae Dreier, Univ. of Tennessee, on "Hydrogeologic Characterization of the DOE Y-12 Plant Area Using Core Borehole

Geophysics and West Bay Multi-Port Measuring Systems."

Condensed Matter Physics, 4 p.m., 339 Davey. Gary Monkey on "The Magnetocatalytic Effect?"

Biology, 4 p.m., 8 Mueller. Ian Baldwin, SUNY Buffalo, on "Nicotine, Nitrogen and Nicotiana: An Examination of the Carbon-Nutrient Theory."

Wednesday, April 17

Engineering Science and Mechanics, 3:35-4:30 p.m., 315 Hammond. Dr. Robert Pangborn on "Protection of Materials for Space Application: Hydrogen Management."

Graduate Program in Ecology Seminar Series, 3:45 p.m., 8 Mueller. Dennis Wenger on "Stream Corridor Width as an Environmental Variable Influencing the Demographics of the White-footed Mouse, *Peromyscus leucopus* (Rodentia)."

Condensed Matter Physics, 4 p.m., 339 Davey. Dr. Scott Renn, Cornell.

Thursday, April 18

Combustion and Propulsion, 9 a.m., 501 Keller. Dr. Julian M. Tishkoff, Air Force Office of Scientific Research, on "AFOSR Supported Research in Turbulent Combustion."

Graduate Program in Ecology Seminar Series, 11 a.m., 105 Ferguson. O. James Reichman, NSF, on "NSF Programs in the Division of Biological Sciences and Resources." Also 3:45 p.m., 8 Mueller, "Concepts of Food Caching Behavior: Analytical Models and Empirical Studies."

Gerontology Center Colloquium, 4-5 p.m., 106 Mitchell. Cheryl Achterberg on "Does Age Make a Difference in Consumer Reaction to Nutrition Education Print Materials: A Cognitive Perspective."

Meteorology Colloquium, 4 p.m., 262 Willard. Joseph Sengmiller, NOAA Geophysical Fluid Dynamics Lab, on "The Use of Nonlinear Viscosities in Geophysical Models."

Computer Science, 4 p.m., 325 Whitmore. Dexter Kozen, Cornell, on "A Completeness Theorem for Kleene Algebra."

History Colloquium, 4 p.m., Memorial Lounge Eisenhower Chapel. Dr. James M. Donovan on "Gender and the Death Penalty in France, 1825-1913."

Mechanical Engineering, 4 p.m., 103 Mech. Engr. Dr. Ferdinand Freudenstein, Columbia, on "Recent Developments in the Design of Mechanisms, Mechanical Components and Systems."

Friday, April 19

Agromony, 3:35 p.m., 107 Ag Science/Industries. John Lemmon on "Evaluating Nitrate Leaching Losses from Non-Manured and Manured Nitrogen Management Systems Using Zero-Tension Lysimeters."

Tips

Information Penn State

Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather—224, Arts Line—345, University Calendar—456.

■ Publications and media information

Awards

Two receive equal opportunity award

Catherine Lyons and Deborah F. Atwater, directors of the Center for Minority Graduate Opportunities and Faculty Development, have been named 1991 winners of the University's Equal Opportunity Award.

The award, which consists of a certificate and a \$1,500 check, was presented at the Awards Convocation April 7.

Created in 1988 by the University, the award is designed to recognize a faculty or staff member who promotes the concept of equal opportunity through affirmative action and contributes to enhancing the educational environment of the University through improving cross-cultural understanding.

Established in 1987 as one of the first of its kind in the nation, the Center for Minority Graduate Opportunities and Faculty Development has risen to national prominence under the inspired and dedicated leadership of Drs. Lyons and Atwater.

Dr. Atwater, senior faculty mentor and associate professor of speech communication, has been a member of the Penn State faculty for 18 years.

As senior faculty mentor, she has initiated many activities to meet the special needs of minority faculty members at Penn State. With the help of her advisory board, she has created a series of faculty development workshops offered each semester in small group settings and led by senior faculty mentors. She also has organized "ice-breaker" socials to introduce new



Catherine Lyons

minority faculty to administrators and other people of color faculty members.

Dr. Atwater earned her bachelor of science degree with distinction in secondary education in 1970 and her master's degree in rhetoric and public address in 1972, both from Penn State. She received her doctorate in intercultural communication from State University of New York, Buffalo, in 1979.

Currently, she is president of the Forum on Black Affairs and the Eastern Communication Association.

Dr. Lyons, an affiliate professor of agriculture and extension education, has been a member of the Penn State faculty for nearly three years.



Deborah F. Atwater

She has played a major role in the recruitment, retention and professional development of minority graduate students. She has developed an array of graduate student support activities that includes dissertation seminars, group participation in seminars and support to participate in professional conferences.

Dr. Lyons earned her bachelor's degree in home economics with an emphasis in early childhood education from South Carolina State College, Orangeburg, S.C., in 1970. She received her master's degree in supervision and administration from Bank Street College of Education in 1975 and her doctorate in agriculture and extension education from Penn State in 1988.

Robert Morgan gets adult student award

Robert T. Morgan of State College and formerly of Beech Lake was honored as Penn State's Outstanding Adult Student at the University's Awards Convocation April 7.

Mr. Morgan returned to Penn State after an interruption of 18 years and is pursuing both an undergraduate degree in biology and a graduate degree in the intercollege graduate program in ecology.

The award is given to undergraduate students who began or resumed study after the age of 21 and who serve as role models for other adult students; who demonstrate initiative in overcoming obstacles; who achieve academic excellence; and whose goals reflect the values and ideals of higher education.

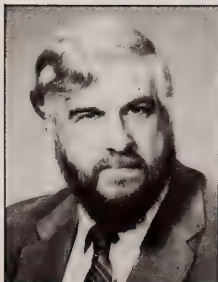
One of his nominators said this award was developed for Bob Morgan. "Bob's history should be an inspiration to anyone thinking about returning to college."

Mr. Morgan withdrew from Penn State at University Park in 1966 after one year of study, then worked in California for a few years. He then became a carpenter in Northeastern Pennsylvania and completed the restoration of an 1830s farmhouse.

Living in the country rekindled his interests in biology and ecology, and in 1985, he, his wife and daughter sold the farmhouse and moved to State College so he could resume his studies and fulfill his goal of graduate school.

Being a student at age 42 with little financial support has not been easy.

"Having to work as a teaching assistant while simultaneously studying for two degrees as well as doing thesis research places a heavy burden on his time. However, he maintains both high grades and excellent relations with faculty and students," writes a former professor.



Robert T. Morgan

Wolgemuth cited for administrative excellence

Carl H. Wolgemuth, associate dean for undergraduate studies in the College of Engineering, is the 1991 recipient of the John E. Wilkinson Award for Administrative Excellence.

The Wilkinson Award was established in 1970 by friends of Mr. Wilkinson, a lifelong Centre County businessman. Now supported by Mr. Wilkinson, the award is presented annually to a member of the Penn State staff whose performance methods and achievement exemplify administrative excellence.

The award, presented at the Awards Convocation April 7, carries a \$500 stipend.

Dr. Wolgemuth was appointed associate dean in the College of Engineering in 1984 after serving for 21 years in the Mechanical Engineering Department.

He joined the University faculty in 1963 as assistant professor of mechanical engineering and was promoted to associate professor in 1966 and professor in 1976. He also has served as acting



Carl H. Wolgemuth

department head of the Department of Mechanical Engineering from 1983 to 1984 and the college's associate dean for administration and planning from 1987 to 1988.

"Dr. Wolgemuth is a caring and people-oriented leader who approaches each new issue and the people involved with understanding and respect," says a University administrator. "He is a thoughtful, objective and honest person who works tirelessly on issues that have potential to directly affect students, and it matters little whether it affects many or only one."

During his years at Penn State, Dr. Wolgemuth has worked to establish the Engineering Cooperative Education Program, which provides students opportunities to alternately work and attend college; the Minority in Engineering Program, which has been successful in helping the college to recruit and retain minority students; and the Women in Engineering Program, which has helped to increase enrollment of women engineering students.

His degrees are a bachelor's in mechanical engineering from Penn State in 1956 and a master's and doctorate in mechanical engineering, both from Ohio State University.

Awards

Dr. Farrell receives Barash Award for Human Services

Patricia Farrell, associate professor of leisure studies in the College of Health and Human Development, is the 1991 recipient of the Barash Award for Human Services.

The award, which consists of a certificate and a \$1,000 stipend, was presented at the University Awards Convocation April 7.

The family of the late Sy Barash created the annual award in 1975. It recognizes a full-time member of the Penn State faculty, staff or student body who has contributed most, apart from regular duties, to human causes, public service activities and organizations or welfare of fellow humans.

Dr. Farrell, a State College native, has worked with a wide range of community organizations. A member of the Centre County Community Foundation's Board of Governors, she

has served as organization president since 1989.

In 1988 she was the regional fundraising chair for the Girl Scouts of America and in 1989 was a member of the steering committee which worked to bring the Pittsburgh Symphony to the Centre Region for its summer home.

She has worked with governmental agencies, including the Pennsylvania Department of Public Welfare, the State College Human Relations Council, Centre Region Parks and Recreation Board, which she chaired for two years, the Pennsylvania Community Education Advisory Council, Comprehensive Employment Training Act Advisory Board for Centre County, University advisory committee to the National Park Service, consultant to the Mifflin County Planning Commission, statewide recreation advisory committee and the

Community-University forum.

Dr. Farrell has served as board president, vice president and chair of the sidewalk art sale and show for the Central Pennsylvania Festival of the Arts and is co-chair of the art in public places committee.

She earned bachelor of science and doctor of education degrees from Penn State and a master of education degree from the University of Minnesota. Prior to joining the University faculty in 1967, she served as assistant director of public recreation in Harrisburg, program director of the Student Union at Northern Illinois University and assistant professor at the University of New Hampshire.

Dr. Farrell served for nearly three years as Penn State's affirmative action officer before rejoining the faculty in 1975.



Patricia Farrell

Dr. Cole is honored with the McKay Donkin Award

Herbert Cole Jr., professor and head of the Department of Plant Pathology in the College of Agriculture, has received the 1991 McKay Donkin Award.

The award recognizes the full-time faculty or staff member or retiree who has contributed the most to the economic, physical, mental or social welfare of the faculty of the University. Established in 1969 in honor of the late McKay Donkin, who served as vice president for finance and treasurer of the University from 1957 to 1968, it consists of a certificate and a \$500 check.

Dr. Cole was named to the University faculty in 1957, after receiving his doctoral degree in plant pathology and biochemistry from Penn State. He became an associate professor in 1962 and a professor in 1969. He was named

department head in September, 1987 after serving as interim head from January, 1986.

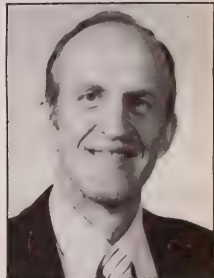
"Dr. Cole has been a key player throughout the history of our Department. As a member from its inception in 1963, Dr. Cole has served as teacher and mentor to graduate students and colleagues, and leader within the faculty. As department head, he functions as a leader from our midst choosing to facilitate our mutual goals and to assist faculty in pathology," writes a colleague.

He has been a member of the University Faculty Senate for many years and during the 1986-87 academic year, he served as its chairman. While serving in the Senate, Dr. Cole has participated in the Senate Rules Committee, chaired the Research and

Academic and Physical Plant committees and served on Senate Council.

Dr. Cole often has represented the faculty on search and selection committees for very important positions within the University community. Notably, he served on the search committees that resulted in the appointments of President Bryce Jordan and Provost William Richardson.

He has provided faculty perspective on a wide variety of other University committees, including the Penn State Press, Advisory Committee for the Institute for Policy Research, Administrative Committee on Research, Ben Franklin Task Force, University Biosafety Committee and the President's committee to develop research awards, including the Faculty Scholar Medals.



Herbert Cole Jr.

Ann Peters wins J. Ira Coble award

Ann Peters, head secretary in the Department of Finance, has received the 1990 J. Ira Coble Memorial Award.

Ms. Peters, a Small College staff member for 17 years, was selected for the honor from nominees named by Penn State county extension offices statewide. The Coble Award, presented at the Pennsylvania Farm Show, recognizes persons for their outstanding contributions to the 4-H program.

A resident of Pennsylvania Furnace, Ms. Peters has been active in 4-H for more than 25 years.

C.R. Rao, holder of the Eberly Family Chair in Statistics and director of the Center for Multivariate Analysis, has received honorary doctor of science degrees from Colorado State University and Adam Mickiewicz University, Poznan, Poland. He also was honored with a special medal from Tadeusz Kotarbinski Pedagogical College, Zielona Gora, Poland.

Colorado State University honored Dr. Rao for his "contributions to such areas of theory and applications as estimation, multivariate analysis, and

characterization of probability distributions."

Adam Mickiewicz University presented him with an honorary doctor of science degree during convocation exercises. Tadeusz Kotarbinski Pedagogical College presented him with a special medal for his "valuable contributions to the development of many branches of mathematical statistics and linear algebra."

During his visit to the college, Dr. Rao gave seminars on "Emerging Technologies of the Third Millennium" and "Quantification of Uncertainty and

Creation of New Knowledge." While in Poland, he also gave a seminar titled "Robust Inference in Linear Models at Pownan's Agricultural Academy."

Dr. Rao considered one of the founders of modern statistics, has played an important role in developing many important theorems and tools. Two of his most famous contributions to mathematical statistics include the Cramer-Rao Inequality and the Rao-Blackwell Theorem, both fundamental results taught in statistical inference courses.

From three institutions Dr. Rao receives honorary degrees and medal

Penn Staters

Robert E. Graves, professor of agricultural engineering, presented a paper on dairy housing in Pennsylvania at the Section IV Meeting of the Commission of International Agricultural Engineering on Energy and Emissions from Agriculture in Hungary. He also presented a poster, "Recycled Newspaper as Livestock Bedding," at the Agricultural Engineering '90 Conference in Berlin, Germany.

Marguerite Graves, lecturer in math at the Penn State Allentown Campus, has been elected president of the Pennsylvania State Mathematics Association of Two-Year Colleges. The Association held its 40th annual meeting recently in Pittsburgh.

John Gutierrez, professor of Spanish, Italian and Portuguese and a specialist in foreign language study, has been invited to serve as consultant to the Spanish government-sponsored program for high school teachers in Madrid, Spain. The program,

commemorating the quinquennial of the discovery of America, will be held in July.

William J. Kraemer, director of research in the Center for Sports Medicine, presented a keynote speech, "Resistance Training: A Training Paradigm to Develop Neural and Hypertrophy Factors in Elite Young Athletes," at the Third Biennial Elite Coaches Seminar in Canberra, Australia. He also was a keynote speaker at the national meeting of the Australian Strength and Conditioning Association.

Gerald Lauchle, professor of acoustics, has received a \$75,000 grant from the Ford Motor Co. for research in automotive heater and air conditioning systems noise control.

James Levin, staff associate for program development and analysis, Division of Undergraduate Studies (DUS), and assistant professor of education, and **John H. Wyckoff**,

assistant director, DUS, have been selected to receive funding from the National Academic Advising Association's Research Support Program for their proposal "Attitudes Towards Mathematics and Their Relations to Persistence and Success in Advising."

Guy E. Rindone, professor emeritus of materials science, presented an invited paper, "Gradient Index Glasses of Macro Dimensions and Large Delta N," at the Fourth International Otto Schott Colloquium at the Friedrich Schiller University in Jena, Germany.

Jiri Tichy, United Technologies professor of acoustics and chairman of the Graduate Program in Acoustics, has received a \$75,000 grant from the Ford Motor Co. for research in active noise control in vehicles. The work is in collaboration with the Applied Acoustics Research Co. of State College.

Bookshelf

John C. McWilliams, assistant professor of American history at the Penn State DuBois Campus, is the author of *The Protectors: Harry J. Anslinger and the Federal Bureau of Narcotics, 1930-1962*, published by the University of Delaware Press.

In his book, Dr. McWilliams explores both the public and private lives of the former head of the Federal Bureau of Narcotics.

"The fact that Anslinger survived more than 30 years as commissioner merits a biography, and its content is as important and relevant to the general public as it is to academics," said Dr. McWilliams, who originally began the book as his doctoral dissertation.

A 1915 graduate of Penn State, Mr. Anslinger enjoyed a 32-year tenure as head of the Narcotics Bureau that was exceeded only by the FBI's J. Edgar Hoover.

In addition to examining Mr. Anslinger's role as the nation's first drug czar, *The Protectors* also looks at peripheral activities not directly related to the enforcement of federal narcotics laws. A fervent anti-communist, the commissioner's drug policies had an impact on foreign policy.

Promotions

Staff Exempt

Sara W. Allerio, to administrative assistant in Office of the President.
Patricia M. Alters, to administrative assistant in Agriculture.
D.E. Auker, to administrative assistant in C&S-Telecommunications.
Kathy F. Bailey, to proposal and accounting assistant in Research and Graduate School.
Scott M. Bitner, to applications programmer/analyst in Corporate Controller's Office.
Hermine M. Boyle, to supervisor, LLRML in Engineering.
Caroline E. Brown, to clinical nurse educator at Hershey.
Terri L. Cravener, to senior research aide in Agriculture.
Linda R. Dean, to administrative head nurse at Hershey.
Patricia A. Ellenberger, to administrative aide in Undergraduate Education.
Thomas Ginechik, to producer-director, program productions in Continuing Education.
Billie G. Hackney, to shift supervisor, bibliographic in University Libraries.
Lois Hampton, to assistant manager, Allotons in Housing and Food Services.
Beth A. Hayes, to administrative aide in C&S-Management Services.
Robert A. Hirlinger, to manager, engineering network in Engineering.
Diana L. Hohman, to systems analyst at Hershey.
Steven R. Kress, to chief designer in

University Press.
Judith Leece, to coordinator, learning support services at the Penn State York Campus.
Ina K. Lubin, to assistant director, continuing education at the Penn State Wilkes-Barre Campus.
Donna J. Neideigh, to supervisor, payroll in Corporate Controller's Office.
Lissa B. Olbeter, to grants and contracts officer at Hershey.
Richard A. Peters, to advanced engineering aide in Applied Research Lab.
Cynthia Reighard, to clinical nurse educator at Hershey.
Nancy G. Runtun, to clinical nurse educator and affiliate clinical instructor in School of Nursing at Hershey.
Karen M. Sampsel, to administrative aide in Academic Services.
Robert A. Smith, to advanced engineering aide in Applied Research Lab.
Bryan L. Sones, to advanced engineering aide in Applied Research Lab.
Gregory E. Swope, to assistant manager, flight and pre-hospital services at Hershey.
June E. Watson, to administrative assistant at Hershey.

Staff Non-Exempt

Nancy J. Cake, to coordinator, billing and quality assurance at Hershey.
Roy F. Hurd, to engineering aide in Applied Research Lab.

Nancy R. Kaufhold, to administrative assistant at the Penn State Delaware County Campus.
Geraldine M. Maurer, to licensed practical nurse/medicines at Hershey.
Sandra W. McBride, to administrative aide in Research and Graduate School.
Elizabeth A. Renik, to respiratory therapist at Hershey.
Neil B. Russler, to assistant engineering aide in Applied Research Lab.
Christopher A. Sills, to assistant engineering aide in Applied Research Lab.
Kathleen M. Simon, to program aide at Hershey.
Joanne L. Weaver, to respiratory therapist at Hershey.
Anne M. Wilkinson, to clinical head nurse at Hershey.
George A. Yesenosky, to respiratory therapist at Hershey.

Clerical

Connie L. Boob, to secretary B in Eberly College of Science.
Margaret R. Bule, to secretary A at the Penn State Osgood Campus.
Debra J. Clemmer, to accounting clerk in Research and Graduate School.
Lorri L. Bryan, to secretary B in Research and Graduate School.
Patti A. Daugherty, to accounting clerk in C&S-Telecommunications.
Shari A. Dillon, to secretary B in Division of Development and University Relations.

Teresa A. Drane, to secretary B at Hershey.
Carole M. Dudis, to medical receptionist in Intercollegiate Athletics.
Denise L. Herr, to clerk typist A in Research and Graduate School.
Teresa A. Homan, to technical secretary C in Applied Research Lab.
Annette L. Keller, to secretary C in Liberal Arts.
Wendy M. Kutchner, to clerk records A at the Penn State Osgood Campus.
Lois J. Rader, to secretary C in Continuing Education.
Eileen S. Rockey, to secretary B in Agriculture.
Lisa J. Sharkey, to accounting clerk in Engineering.
Rebecca L. Sutton, to clerk accounting A in Eberly College of Science.
Jennifer Wellar, to secretary B in Engineering.

Technical Service

John S. Andrus, to power plant worker in Office of Physical Plant.
Timothy S. Bowmaster, to instrument maker C in Eberly College of Science.
Donna G. Campbell, to maintenance worker utility at the Penn State Delaware County Campus.
John W. Hazzard, to stock truck driver in Office of Physical Plant.
Audrey A. Schreckengost, to maintenance worker utility at the Penn State New Kensington Campus.

Focus on Research

Intercom
April 11, 1991

Honey bees Parasitic mites threaten state honey bee industry

Pennsylvania's honey bees are under attack from a parasite that is wreaking havoc in the state's honey bee industry, according to two University researchers.

"In a survey of Pennsylvania beekeepers and honey bee colonies, we found widespread evidence of tracheal mite infestation," **Edwin G. Rajotte**, assistant professor of entomology, said.

First discovered in the United States in 1984, the tracheal mite has "spread like wildfire," **Maryann Tomasko**, instructor of entomology and research associate, said. The microscopic parasite has caused some beekeepers losses of 50 percent or more of their honey bee colonies in a single winter. Normal losses following winter run about 10 percent, she added.

The mite is a threat to honey production and pollination of crops nationwide, because it debilitates and eventually kills the bees it infests. The value of the crops pollinated by honey bees exceeds \$20 billion nationally.

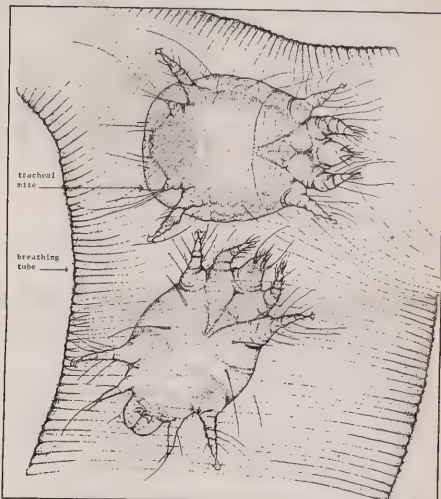
In Pennsylvania, there are approximately 8,000 registered beekeepers and about 75,000 honey bee

colonies, Ms. Tomasko said. The industry produced \$1.4 million worth of honey in 1988, and it also provided pollination services for a wide variety of fruits and crops in Pennsylvania and elsewhere. Approximately 6,000 Pennsylvania honey bee colonies are used for pollination purposes and honey production outside the state, she noted.

To ensure the survival of the state's honey bee industry, the researchers conducted a survey of tracheal mite infestation in 1988-89, with funding from the Pennsylvania Department of Agriculture (PDA).

The tracheal mite is a tiny, insect-like creature similar to a spider. It enters the breathing tubes, or trachea, through holes along the side of the honey bee's body which are used for breathing. It attaches itself to the wall of the breathing tubes and takes nutrients from the bee's blood, Dr. Rajotte explained.

"The mites debilitate bees and, because bees live together in colonies, the mites are able to spread easily through the colony. They are present in



The drawing by Chris Jung shows an enlargement of two tracheal mites inside a breathing tube, or trachea, of a honey bee.

the colony year round, but are most devastating in winter, when no new bees are being produced," he said.

Current methods for detecting the presence of mites are time-consuming. Since the mites spread rapidly, quick diagnosis is essential to save a colony, Ms. Tomasko said.

The researchers are attempting to develop a more efficient method of diagnosing and treating the problem. They have, so far, been able to speed up the detection procedure for the parasite, as well as pinpoint the best time to treat an infestation, Ms. Tomasko said.

They have put their findings into a computerized expert system called "Bee Aware," which now is available from the Department of Entomology by calling 863-0604.

"Bee Aware" explains the researchers' new sequential sampling method, which looks at bees one-by-one, rather than involving a sample of 50 honey bees to determine if a colony is infested.

The sequential method, in combination with a decision-making chart developed by the researchers, enables a faster diagnosis to be made, Ms. Tomasko explained.

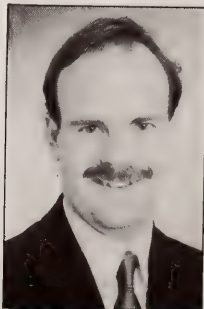
If a diagnosis confirms the presence of tracheal mites, there is only one treatment available: menthol.

When menthol crystals are placed in a honey bee colony, they vaporize, creating a gas that acts as a fumigant. The gas kills the mites. Timing of the menthol treatment also is crucial, since applying it at the wrong time can be ineffective or harm the honey.

The optimum time for applying menthol is in mid-September, Ms. Tomasko said.

The next phase of their research, which also is funded by PDA, will involve incorporating their data and climatic data to create climatic maps of Pennsylvania to aid state beekeepers.

— Deborah A. Benedetti



Edwin G. Rajotte



Maryann Tomasko

Focus on the arts

Bracken lecture

Author John Brinkerhoff Jackson will present "The Future of the American Landscape" at 8 p.m. Tuesday, April 16, in Schwab Auditorium at University Park.

Mr. Jackson's lecture, last in the Department of Landscape Architecture's 1990-91 Bracken Lecture Series, will address ways in which Americans are using the outdoors for recreation and social interaction and will examine current perceptions of the experience of nature.

Mr. Jackson, widely known as a highly perceptive observer and cultural geographer of American landscapes, is the 1991 Bracken Fellow, an award presented annually by the Landscape Architecture Department to honor a distinguished individual.

A graduate of Harvard University, he has taught at both Harvard and the University of California at Berkeley.



Giovanni Battista Piranesi, an 18th-century artist known for his reconstructions of ancient Rome, is the subject of a lecture by Robert Enggass at 8 p.m. Tuesday, April 16, in 112 Walker Building.

Visiting lecturer

Robert Enggass, Callaway professor of art emeritus at the University of Georgia and former Penn State professor, will present "Piranesi and the 18th-Century Avant-garde" at 8 p.m. Tuesday, April 16, in 112 Walker Building at University Park.

The lecture will focus on Giovanni Battista Piranesi (1720-78), best known for his highly dramatic engravings of Roman ruins and reconstructions of ancient Rome.

A member of the Penn State Department of Art History faculty from 1958-65 and 1966-71, Dr. Enggass is an internationally recognized scholar in Italian Renaissance and Baroque art and architecture.

The lecture is free and open to the public.

Combined concert

The Penn State Trombone Choir and University Brass, directed by Mark Lusk, assistant professor of low brass, will perform Gabriel Faure's Requiem at 8 p.m. Tuesday, April 16, in the School of Music Recital Hall at University Park.

Small groups of musicians will begin playing in the hallways and entrances to the building at 7:30 p.m.

Soloists for the performance will be June Miller, organ; Suzanne Roy, soprano; Richard Davis, baritone; and Lisa Bontrager, horn. All are School of Music faculty members.

Included in the Requiem are readings of "The Story of Leaves" by Donald Hall, "Song of Simeon" by T.S. Eliot, "Death Shall Have no Dominion" by Dylan Thomas and selections from the Book of Revelations. Readers are Brian Winston, dean of the School of Communications, and James Moeser, dean of the College of Arts and Architecture.

Jazz concert

George Gershwin's classic "Rhapsody in Blue" will headline the spring concert of the University's main jazz band, Centre Dimensions, at 8 p.m. Wednesday, April 17, in the School of Music Recital Hall at University Park.

Pianist Timothy Shafer will join the band in the performance of the original Paul Whiteman arrangement of one of Gershwin's most famous works. In the second half of the program, the band will perform several pieces written by members of the group.

Centre Dimensions is directed by Dan Yoder, associate professor of saxophone and director of jazz studies.

Odyssey on WPSU

In 16th-century France, two women poets addressed their poems to "the Ladies of Lyons," establishing a relationship between poet and writer that was "so intimate and mysterious that you have to call it communion," says Christine Clark-Evans on the next episode of "Odyssey Through Literature."

Poets Louise Labe and Pernet Du Guillet wrote poems for other women who then became "the companion to that text, read that text, and, as the Renaissance view of influence is expressed, 'digested' that text, and then wrote another one." The result, says Dr. Clark-Evans, was a precursor of modern feminist intertextuality: a circle of women poets and readers who guided each other to greater and greater achievements through exchanging what they had written.

"Odyssey Through Literature" is produced by the Department of Comparative Literature in the audio-production studios of WPSU-TV. It airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Mozart's Requiem

To celebrate the 200th anniversary of Mozart's death, the Penn State Concert Choir will perform one of his greatest masterpieces, the Requiem, at 8 p.m. Friday, April 19, in Schwab Auditorium at University Park.

The 72-voice Concert Choir and four student soloists will be joined by members of the Penn State Philharmonic.

Soloists for the Requiem are soprano Juliette Leon, senior voice major; mezzo-soprano Lisa Itkin, graduate music education major; tenor Alex Hill, graduate conducting major; and bass Thomas Serene, senior economics major.

Also on the program will be selections from the Concert Choir and Chamber Singers' spring Canadian tour repertoire. The Concert Choir and Chamber Singers are directed by Douglas Miller and Alex Hill.

Tickets for the concert are available from the Eisenhower Ticket Center and at the door the evening of the performance. Adult tickets are \$5 and student tickets \$3.

'The Children's Hour'

The University Resident Theatre Company's production of Lillian Hellman's classic "The Children's Hour" opens at 8 p.m. April 19 and will run through April 27 in the Pavilion Theatre at University Park.

In "The Children's Hour," the quiet of a small boarding school is shattered when a spoiled young girl starts at nothing to get her own way. Using sharp-edged lies and innuendos, she unleashes hidden fear and tension. Deceit and rumors grow to frightening stature, threatening to ruin the lives of the two headmistresses of the school.

URTC's production of "The Children's Hour" is directed by Manuel Duque.

Matinee performances will be at 2 p.m. April 20 and 27. Student previews are 8 p.m. April 17 and 18.

Due to its subject matter, the play is suggested for mature audiences only. For ticket information, call (814) 863-0255.

Feld Ballets/NY

Eliot Feld, noted by many critics as one of the 20th century's finest choreographers, brings his 20-member Feld Ballets/NY to University Park's Eisenhower Auditorium at 8 p.m. Friday, April 19.

The ballet, presented by the Center for the Performing Arts, will showcase Mr. Feld's imaginative range and renowned knowledge of music. The evening will include the first performance of Feld's "Common Ground" since its recent New York premiere.

Founded in 1974, Feld Ballets/NY (until last year known as The Feld Ballet) is famous for blending classical ballet with modern and folk steps to create highly original stage inventions.

The Eisenhower performance is scheduled to include four Feld-choreographed dances. "Ah Scarlati," created last year, opens the staging with 16 dancers moving in an ornately neo-roccoco motif to eight keyboard sonatas by Domenico Scarlati.

University choir

The Penn State University Choir will present its spring concert at 8 p.m. Saturday, April 20, at Grace Lutheran Church in State College.

The program will include double-choir works by Jakob Handl, Schutz and Gabriel and selections by Mozart, Clausen and Ramirez. The group also will sing arrangements of sacred and American folk melodies.

The University Choir is conducted by Daniel Dauner, assistant professor of music education, with assistant conductor Russell Shelley.

Philadelphia Orchestra

The acclaimed Philadelphia Orchestra, conducted by Yuri Temirkanov, will appear in concert at 8 p.m. Friday, April 26, in Eisenhower Auditorium at University Park.

The evening's program, presented by the Center for the Performing Arts, will feature Borodin's Overture to Prince Igor, Tchaikovsky's Serenade in C major for String Orchestra, Op. 48, and Sibelius' Symphony No. 2 in D major, Op. 43.

Often cited as one of the country's finest orchestras, the Philadelphia Orchestra has been in the musical vanguard for more than 70 years.

As part of the free lecture series Artistic Viewpoints, Doug Meyer, associate professor of music, will discuss the evening's program at 7 p.m. in the Greenroom of Eisenhower Auditorium prior to the performance.

Faculty member seeks books for state prison library

A donation of more than 300 books to a state prison has been named the "Penn State Collection" in honor of the University's contribution to the educational needs of the inmate population.

Ted L. Alleman, instructor of sociology and administration of justice, delivered the books to the State Correctional Institution at Greensburg last summer and is seeking more books to add to the collection.

The books, half dealing with social and ethnic minority issues and the remainder covering social sciences and humanities topics, were donated to Mr. Alleman by Helen Hacker, a retired sociology professor from New York City who had learned about Mr. Alleman's work in educating inmates through a newspaper article.

"This was a genuine act of kindness," Mr. Alleman said.

F. Daniel McGregor, director of education at the State Correctional Institution at Greensburg, said the books have enabled the institution to establish a college reference section in its library. The institution offers associate degree programs in business and liberal arts in cooperation with Westmoreland County Community College.

"Our library budget is tight," Mr. McGregor said. "State budget constraints have impacted on the library." The "Penn State Collection" is having a positive affect on the institution, he added. More books are welcome, since the institution is expanding.

Mr. Alleman is collecting books for donation to the State Correctional Institution at Greensburg. The institution is most interested in college-level texts in business, liberal arts and the social sciences and also will take other types of books.

Mr. McGregor pointed out that all donations of books must be approved by Superintendent Fredric A. Rosemeyer. The books are then screened before being placed in the library.

To donate books, drop them off in Room 918 Oswald Tower at University Park weekdays from 8 a.m. to 5 p.m. from now until the end of Spring Semester. Mr. Alleman will deliver the books to the institution this summer.

Lecture scheduled

Barbara Smith, writer, teacher, activist and co-founder of Kitchen Table: Women of Color Press, will discuss "In The Life: The Courage of Lesbians and Gay Men of Color," at 8 p.m. Thursday, April 11, in the HUB Assembly Room at University Park.

A founding member of the Black feminist Combahee River Collective, Ms. Smith is co-author of *All the Women Are White, All the Blacks Are Men, But Some of Us Are Brave*, which won the Outstanding Women of Color Award for feminist literature from the National Institute for Women of Color in 1982.

Bookshelf

Alan A. Block, professor of administration of justice, is author of *Perspectives on Organizing Crime*, published by Kluwer Academic Publishers.

Subtitled "Essays in Opposition," his work critiques historical, sociological and empirical errors made in traditional accounts of organized crime. Among the topics are European drug traffickers working not only in Europe, but also in Asia and the Middle East in the period between the two World Wars; the consequences of organized crime's influence on environmentally hazardous waste disposal, and political assassinations as examples of state-sponsored organized crime.

Other chapters concentrate on ambiguities in organized crime control such as the protection of organized crime's off-shore financial interests by the U.S. Internal Revenue Service and the contradictions in America's war on drugs.

Daniel Walden, professor of American studies, is editor of the fall 1990 volume of *Studies in American Jewish Literature*, published by Kent State University Press.

Subtitled "American Jewish Poets: The Roots and the Stems," it includes a section on the poems of Roald Hoffmann and an essay on Milton Kessler, both of whom have read their poetry at Penn State.

The section on Dr. Hoffmann includes an essay by **John Haag**, associate professor of English, and one by **Emily Grosholz**, associate professor of philosophy.

Dr. Hoffmann is a Nobel Prize-winning chemist and author of two books of poetry, *The Metanist State* (1987) and *Gaps and Verges* (1990). He earned a doctorate in chemical physics from Harvard University, and in 1981 he shared the Nobel Prize in Chemistry with Kenichi Fukui of Japan.

Mr. Kessler has taught poetry in Hawaii, Japan, Belgium and England, and was on the faculty of Haifa and Beerseba universities in Israel. He has published five collections of poems including *Sailing Too Far* and *The Grand Concourse*.

Old Main open house

The Lion Ambassadors will host the 1991 Old Main open house from 9 a.m. to 4 p.m. Wednesday, April 17.

The open house offers an opportunity for faculty staff students and the State College community to tour the University's oldest administration building.

Tour guests will be led through Old Main from the bottom to the top and will learn about the functions of several offices including the Office of the

President, the Alumni Association and the Office of University Development.

Participants will be able to view the land grant frescoes painted by Henry Varman Poor and the "Lemon" slide show illustrating the University's more traditional past. A highlight of the tour will be a chance to see University Park Campus and the Nittany Valley from the Old Main Bell Tower, weather permitting. The Bell Tower is only open to the public a few times a year.

Aging issues to be teleconference topic

Issues related to aging will be the topic of an upcoming teleconference, "Caring for Older Adults: Turning Research into Practice for the Health Care Professional," sponsored by the College of Health and Human Development at 2 p.m. Wednesday, April 17.

Speakers include Health and Human Development faculty members who conduct research in four key areas: the quality of long-term care; foot problems experienced by diabetics; hearing impairments in older adults; and the evaluation of services and programs for the elderly.

Participating researchers are:
— **Michael A. Smyer**, professor of human development and associate dean for research and graduate studies. He studies the quality of health-related interventions, particularly long-term care for older adults.

— **Peter Cavanagh**, professor of locomotion studies and director of the Center for Locomotion Studies. He is co-director of the Diabetic Foot Clinic, a research and treatment facility for diabetics

who have foot complications.

— **Thomas A. Frank**, professor of audiology, whose research focuses on hearing loss, particularly in the elderly.

— **Daniel J. Lago**, assistant director for outreach and Commonwealth affairs for the Gerontology Center. He specializes in evaluating services and programs for the elderly.

The teleconference will feature two presentations followed by a panel discussion, with opportunities for viewers to call in questions for the panel members. **Sara Parks**, associate dean for the Commonwealth Educational System in the College of Health and Human Development, will moderate the panel discussion.

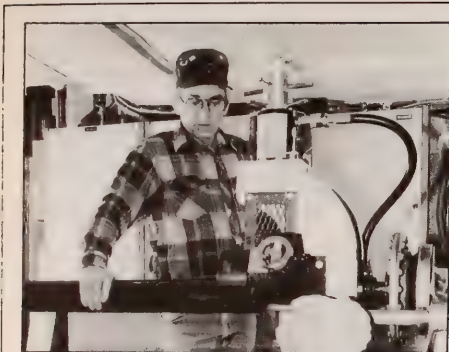
The teleconference is free. In Pennsylvania, many of the University's Commonwealth Campuses will serve as down-link sites.

To register and to obtain satellite down-link information, contact **Ginny Adams**, coordinator of the teleconference, at (814) 863-7252.



Combustion Laboratory

Alan Scaroni, right, director of the Combustion Laboratory, explains a research project that would create a safer and cheaper way to dispose of sewage sludge to U.S. Sen. **Arlen Specter** during a tour of the lab in the Academic Activities Building at University Park. Sen. Specter announced he would use his position on the Senate Appropriations Committee to secure \$1.3 million in funding for the project. (Photo: Greg Grieco)



Penn State People

Willard Rearick

A member of the Office of Physical Plant staff for 19 years, Willard Rearick has spent the last two years as a plumbing fitter, grade 3. He was photographed in Pattee Library, where he and his partner, Dave Walker, are running new water lines for an air conditioning system. A resident of Sky Top, he has served as a janitor and maintenance worker at the University. His biggest satisfaction is surveying his work when the job has been completed. (Photo: Greg Grieco)

Convocation

Continued from page 1.

After construction, the ongoing operation of the new facility will positively influence the Central Pennsylvania economy in two ways, according to Dr. Erickson.

"First, it will keep local residents and their expenditures here in the region," he said. "For instance, University Park students with a permanent residence outside of the region may choose to stay here for a center-related activity on the weekend rather than going home.

"Second, the center will attract outside

visitors and their entertainment dollars from outside of Central Pennsylvania."

That economic impact would come from such activities as increased restaurant and night club business, hotel and motel lodging, retail shopping, automobile-related expenditures and support activities such as the printing of tickets and the packaging of concessions.

"Clearly, Penn State's proposed Academic/Athletic Convocation and Events Center has the potential to provide considerable benefits to the Central Pennsylvania region and to the state as a whole," Dr. Erickson added.

Child Care

Continued from page 1.

beginning for both the University and the community."

According to Ms. Shiffer, the core component of "Connections for Kids," will be a call-in service for parents where specially trained people have information about all legally operated child care services in the area. They will provide a listing of child care options and information on how best to choose among them.

"Working together with organizations that do child care referrals, the University

Lesh Lecture

The University Libraries' 1991 Lesh Lecture will be held at 7:30 p.m. Wednesday, April 17, in 312 Keller Conference Center at University Park.

Richard E. Lucier, director of the Laboratory of Applied Research and Academic Information of the William H. Welch Medical Library at Johns Hopkins University, will discuss "The Genome Data Base: A Tool and Model for Storing, Integrating, and Disseminating Scientific Data." The Genome Data Base consists of mapping data crucial to the work of the Human Genome Project which is an international biological science initiative.

The Lesh Lecture is made possible through the private support of Dorothy Lesh.

For further information, contact Salvatore Meringolo, University Libraries, ES05 Pattee Library, University Park.

Faculty/Staff Alert

Health coverage

"Faculty and staff members with children are reminded that dependent children are covered under the University's health insurance program until the age of 19, unless they are full-time students. Those who are full-time students continue to be covered until age 23.

Therefore, it may be desirable to seek other health insurance coverage in advance for dependent children approaching age 19 or 23, as applicable.

The University does offer the opportunity to continue the hospital/surgical/major medical plan or Healthpass when a dependent child reaches age 23 or is no longer a full-time student. An individual also may elect to convert the group plan to an individual policy through the University's insurance carrier. If continuation of coverage is desired, information and application forms may be obtained from the Employee Benefits Division, 205 Rider Building (865-1473).

Obituary

Philip L. Conaway, stockroom clerk, Applied Research Laboratory, from July 25, 1951, until his retirement June 9, 1984, died March 3. He was 61.

News in Brief

Media Fair

The Division of Media and Learning Resources is sponsoring the Fourth Annual Media Fair Thursday, April 11, from 10 a.m. to 3 p.m. in the Hetzel Union Building Ballroom at University Park.

Media Fair '91, an exposition of exhibits and demonstrations of instructional media for efficient, effective teaching, goes beyond movie projectors and overhead transparencies to show University faculty and staff the powerful options available through University departments and commercial vendors.

Seminar on rural hospitals

Jeffrey A. Alexander, associate professor of health services management and policy, University of Michigan School of Public Health, will discuss

"Organizational and Strategic Dilemmas of Rural Hospitals" at 3:30 p.m. Monday, April 15, in 101 Kern Building at University Park. The seminar is sponsored by the Center on Aging and Health in Rural America.

Brown bag luncheon

Thomas S. Magner, former associate dean and professor emeritus of research in the College of the Liberal Arts and member of the Yugoslavia Academy of Sciences, will discuss "Yugoslavia: Will it Last?" at noon Wednesday, April 17, in Room 124 Sparks Building at University Park. The lecture is a Slavic Center Brown Bag Luncheon Seminar.

Fulbright Scholar reception

The University Office of International Programs invites all former Fulbright Scholars to the annual Fulbright Scholar Reception from 3:30 to 5 p.m. Thursday, April 18, in 222 Boucke Building, University Park. Call 865-7681 if you cannot attend.

Round Table on Law and Semiotics

The Fifth International Round Table on Law and Semiotics will be held April 18-21 at the Sheraton-Berkshire in Reading, Pa.

General topic for the round table, sponsored by the Center for Semiotic Research in Law, Government, Economics, is "Law and the Human Sciences."

History colloquium

James M. Donovan, assistant professor of history at the Penn State Mont Alto Campus, will discuss "Gender and the Death Penalty in France, 1825-1913" at 4 p.m. Thursday, April 18, in the Memorial Lounge of Eisenhower Chapel at University Park. The colloquium is sponsored by the Department of History.

Visiting scholar to speak

Ruben Schindler, professor and former dean of the School of Social Work at Bar-Ilan University in Israel will discuss "Integrating Ethiopian Jews into Israeli Society: Economic, Racial, Cultural and Religious Challenges" at 3:45 p.m. Monday, April 22, in the Eisenhower Chapel Memorial Lounge at University Park.

His visit is being hosted by the Social Work Program and the Department of Sociology, with co-sponsorship by the University Office of International Programs, the Black Studies Program, the departments of History, Philosophy and Religious Studies, and Penn State Hillel.

Partings

Robert L. Kabel, professor of chemical engineering, has retired after 27 years service.

Dr. Kabel joined the Chemical Engineering faculty in 1963. Previously, he was a bioastronautics program officer for the U.S. Air Force Space Systems Division, Los Angeles.

A chemical engineering graduate of the University of Illinois, Dr. Kabel earned his Ph.D. in 1961 at the University of Washington. While earning his degrees and since coming to Penn State, his summers were filled with work as a research and design engineer for Exxon, Chevron, Sun Oil, and Conoco.

Dr. Kabel was the recipient of five fellowships during his Penn State career: NASA-ASEE, Fluid physics, Stanford University; the Royal Norwegian Council for Scientific and Industrial Research; Technical University of Norway; NATO Advanced Study Institute, Belgium; AICHE and Erskine Fellowship, University of Canterbury, New Zealand.

A recipient of the U.S. Air Force Commendation Medal for Meritorious Achievement in 1963, Dr. Kabel also was awarded the College of Engineering Outstanding Teaching Award, the Amoco Foundation Outstanding Teaching Award, the Western Electric Fund Award for Excellence in Instruction, the CMA National Catalyst Award for Excellence in Chemical Teaching and the Premier Teaching Award for the College of Engineering.

"Instruction in Scaleup," a paper written by Dr. Kabel, was recognized by the Corcoran Award for the most outstanding article in *Chemical Engineering Education* in 1988.



Robert L. Kabel

In retirement, he plans to remain professionally active. He intends to complete the instructional package for "Scaleup." Admitting that the professional activities are his most important activities in retirement, he and his wife, Barbara, also plan to travel to Antarctica, Western Australia, and African Veldt.

Joseph A. Pewanick, driver and service attendant for the Office of Business Services, has retired after 28 years service. Mr. Pewanick began working at the University in 1962 as a roofer in the sheet metal shop. After two years, he moved to the housing department as a maintenance worker.

Since 1965, he has worked as a driver and service attendant, responsible for

maintaining University cars, picking up visiting professors from the airport, taking football players to the stadium and driving students to Stone Valley for recreational classes.

Mr. Pewanick plans to pursue his hobbies of carpentry and woodworking. He also enjoys fishing, reading and hiking. He and his wife live in Hawk Run and have two daughters.

Paul D. Simkins, professor of geography, has retired with emeritus status after 31 years service.

He received three degrees in geography: A.B. and M.A. from the University of Missouri and Ph.D. from the University of Wisconsin, before joining the University faculty in 1959 as an assistant professor in the Geography Department.

Dr. Simkins received the College of Earth and Mineral Sciences Wilson Award for Outstanding Teaching in 1974 and recently was honored by the Pennsylvania Geographical Society with its Distinguished Teaching Award. He has been involved with undergraduate advising throughout his tenure and since 1986 has been the primary undergraduate adviser for the department's students.

His research has focused on population studies, particularly internal migration, and has included studies of migration, agricultural colonization and frontier settlement in the Philippines, and fertility/mortality patterns in the United States.

He is a member of the Association of American Geographers, the Conference of Latin American Geographers and the Population Association of America.

Mary S. Shore, respiratory therapy clinical specialist at Hershey, from Sept. 10, 1980, until Feb. 9.

Peter J. Swiderski, maintenance worker, general B at Berks Campus, from Feb. 9, 1981, until Feb. 23.

John R. Tice, mechanic/experimental and maintenance B, Agriculture, from Oct. 1, 1973, until March 2.

Charles C. Walter, maintenance worker general A at Mohr Alto Campus, from Jan. 20, 1981, until March 2.

Glady W. Baney, janitorial worker, Office of the Physical Plant, from July 5, 1977, until March 2.

George R. Atticks, maintenance worker, general B at Penn State Harrisburg, from June 18, 1979, until March 0.

Clarence A. Brockman, associate vice president for administration and operations, at Hershey, from Feb. 1, 1973, until April 1.

Helen A. Brouse, senior clerk, registration counter, Academic Services, from Sept. 6, 1978, until April 1.

Ruth L. Kresge, clerk A, interlibrary loan, University Libraries, from Sept. 1, 1976, until April 1.

Esther G. Zettle, clerk A, University Libraries, from Aug. 21, 1974, until April 1.

Edward S. Beck, coordinator, personal counseling program, and affiliate assistant professor of psychology at Penn State Harrisburg, from Nov. 13, 1972, until March 30.

Frank J. Fallo, residence hall worker, utility, Housing and Food Services, from March 2, 1981, until March 30.

New software system plays a key role in SPEC program

An information explosion is occurring in the Office of Human Resources.

Nearly 6,500 employees provided the project team for the Staff Position Evaluation and Compensation (SPEC) program with Position Information Questionnaires (PIQs). Now that data must be processed.

Fortunately, the SPEC project team has a powerful new tool at its disposal for managing this critical data and making it useful to the people who will be designing the University's new job grading and salary program.

The new tool is a software system developed by the University's consultant's William M. Mercer, Inc., and customized for use in the unique Penn State environment.

According to Rachel Miller, manager of salary administration and classification, the system will serve two essential functions in the SPEC project. First, it will gather, capture, store, analyze and integrate the huge volume of data generated from the PIQ. Second, it will facilitate the project team's decision-making process by using modern data management and statistical

SPEC program update

The SPEC program entered a new phase in late November 1990, with the mailing of more than 7,200 Position Information Questionnaires (PIQs) to all Penn State staff members. Following the distribution of the PIQs, informational sessions were held.

As of April 1, 6,400 questionnaires, representing a response of 89 percent, had been returned. The SPEC project team is pleased with this return.

"We are particularly pleased with the attendance at the meetings and the rate of PIQ return because the involvement

of staff members is critical to the success of the project," Rachel Miller, manager of salary administration and classification, said.

"We anticipate that all staff members will want to have input to the new program and we encourage those who have not yet returned their PIQ to do so. The information the PIQs provide about the work of Penn State staff members will help to ensure that our salary program decisions are made on a sound basis."

techniques to make sense of the array of PIQ data.

"It's important to note that the computer system is first and foremost a tool," Ms. Miller said. "It will help us organize the information we need to design a new salary management program, but it will not replace the human element. The critical

decisions will continue to be made by knowledgeable professionals, exercising their good judgment."

She said the system allows the SPEC project team to examine and compare the responses of employees in the same job titles to identify common responses and those that vary in an effort to verify

appropriate classification.

Through statistical processes, it enables the project team to establish an integrated common response for jobs that are genuinely similar. In addition, it facilitates comparisons across a variety of jobs, so that they may be tested for internal consistency in job evaluation decision-making.

When the SPEC project is completed, Ms. Miller added, the computer system will incorporate competitive pay information from the marketplace, the Penn State salary structure and employee information in one integrated data base. Eventually, use of the computer will enable the Human Resources staff to link the decisions they make in job evaluation with other elements of the SPEC program.

"I like to think of the computer system as a better filing cabinet," noted Greg Ross, Mercer compensation consultant, said. "It brings speed, quick access to data, and organization to the process. But the essential process remains the same. Designing and using a salary management program is a highly human endeavor, one that is as much art as science. Nothing should replace the human factor."

In the physical sciences

Nobel laureate will present Marker lectures

Nobel laureate Murray Gell-Mann, Robert Andrews Millikan professor of theoretical physics at the California Institute of Technology, will give the 1991 Russell Marker Lectures in the Physical Sciences April 16-18 at University Park.

The three-lecture series, titled "Plectics-Simplicity and Complexity and the Description of Nature," is sponsored by the Eberly College of Science and is free to the public.

The schedule includes: "Simplicity and Complexity," 8 p.m. Tuesday, April 16, 117 Osmond Laboratory; "Complex Adaptive Systems," 4 p.m. Wednesday, April 17, S-5 Osmond Laboratory; "Quantum Mechanics in the Light of Quantum Cosmology," 11 a.m. Thursday, April 18, S-5 Osmond Laboratory.

Dr. Gell-Mann is one of the most eminent theoretical physicists of the 20th century. His contributions to physics have been deep and far-reaching. His work has revolutionized the field of elementary particle physics. His interests and activities are not restricted to physics but cover a wide range of fields.

In recognition of his efforts to preserve and protect the global environment,



Murray Gell-Mann

particularly the rain forest, he was inducted as a member of the United Nations Environment Program Roll of Honor for Environmental Achievement, The Global 500, in 1986.

Dr. Gell-Mann entered Yale University

at the age of 15, earning a bachelor's degree in physics in 1948. He went on to earn a doctorate in physics at the age of 21 at the Massachusetts Institute of Technology and has since received honorary doctorates from eight universities, including Yale University and the University of Cambridge, England.

He was elected to the National Academy of Sciences in 1960 and the American Academy of Arts and Sciences in 1964. He also is a Fellow of the American Physical Society and a foreign member of the Royal Society of London.

The Marker Lectures were established in 1984 through a gift from Russell Marker, professor emeritus of chemistry, whose pioneering synthetic methods revolutionized the steroid hormone industry and opened the door to the current era of hormone therapies, including the birth control pill.

The Marker endowment also allows the Eberly College of Science to present annual Marker Lectures in astronomy, the chemical sciences, evolutionary biology, genetic engineering, and the mathematical sciences.

Stanford dean will give first talk in Muan lecture series

W. Gary Ernst, dean of the School of Earth Sciences, Stanford University, will give the inaugural lecture of the "Arnulf I. Muan Distinguished Lecture Series" Monday, April 15. The lecture, titled "Geologic Hazards Along the Pacific Rim: Earthquakes, Landslides and Volcanic Eruptions," is scheduled 4 p.m. in the Nittany Lion Inn Assembly Room.

Dr. Ernst has had a particularly distinguished career in research, teaching and academic administration. His research has included studies in petrology, plate tectonics, and geochemistry, phase equilibria in chain silicates, and the tectonophysics of the circum-pacific and alpine convergent plates.

The series honors Arnulf Muan who served the College of Earth and Mineral Sciences as a member of the faculty and administration for nearly 40 years until his death in December 1990.

Dr. Muan held joint appointments in the departments of Geoscience and Material Science and Engineering, and was internationally known for his work on the behavior of materials at high temperatures.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. **APPLY BY CALLING THE EMPLOYMENT DIVISION, 465-4004 (NETWORK LINE 433-0304).** Applications for these staff vacancies will be accepted until April 18. **DO NOT CONTACT THE AREA THAT HAS THE VACANCY.** Applications for staff vacancies are considered in accordance with Fair Employment practices (PS-1) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as

provided by law) sex, or status as a disabled or Vietnam era veteran

■01433, Assistant Financial Aid Coordinator, Academic Services, Student Aid, University Park Campus - Responsible to the coordinator, Guaranteed Student Loan Program, for administrative assistance with the operations of the loan program, including assisting students with financial aid matters, resolving exception reports, and coordinating the flow of student applications. Excellent oral and written communication skills are required. Requires bachelor's degree, or equivalent, plus one to two years of effective experience in an area applicable to aid administration. **STAFF GRADE 5.**

■01434, Systems Programmer

Coordinator, Applied Research Laboratory, ARL Administration, University Park Campus - Responsible for assisting the coordinator, Management Information Systems, in developing and installing a comprehensive administrative system. Requires bachelor's degree, or equivalent, in management information systems, computer science or related field, plus one to two years of effective experience in database applications. A working knowledge of ORACLE, SQL, YAK hardware and VMS based systems is preferred. U.S. citizenship required. This is a fixed-term position funded through June 30, 1992. **STAFF GRADE 6.**

■01435, Director of the National Cable Television Center and Museum, Commonwealth Educational System,

University Park Campus - Responsible to the senior vice president and dean of CES for directing, supervising, and conducting the affairs of the national center, with overall responsibility for its operation and the direction of its development. Requires master's degree, or equivalent, and a minimum of three years of effective experience. Substantial background and experience in the cable industry, including management responsibilities. This is a fixed-term position funded through June 30, 1992, with excellent possibility of re-funding for two additional years. **STAFF GRADE 8.**

Hershey

For the following position vacancies, apply directly to The Milton S. Hershey

Medical Center. Attach resume with cover letter indicating the position vacancy code and forward to the Department of Human Resources, Hershey, or call the Hershey bid line at (717) 531-8531 by April 18.

■17363, Psychiatric Social Worker II, Department of Psychiatry, Division of Child Psychiatry - Responsible to the unit director, Department of Psychiatry, for the provision of the psychiatric social work services within the unit and serve as part of the mental health team in providing counseling for mentally and emotionally disturbed patients, and their families. Requires a master of social work degree from an accredited college or university or equivalency and at least one to two years of effective experience. **STAFF GRADE 6.**

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William E. Campbell Jr., Editor
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INTERCOM

April 18, 1991

Volume 20, Number 29

Campaign to raise convocation center funds announced

The University has launched a campaign to raise \$20 million in private funds to help construct the proposed new Academic/Athletic Convocation and Events Center.

The funds will be added to the \$33.8 million that the state legislature has authorized for the project, which is expected to cost \$50-55 million.

"The Convocation Center is a facility that Penn State has needed for many years and will be used for commencements, professional conferences, student/parent gatherings, large-scale entertainment events, intercollegiate athletics and many other purposes," President Thomas said.

The center also will have a significant economic impact. According to a study by University researchers, construction alone will generate \$78 million in additional spending statewide. Once in full operation, the center is expected to host more than 200 events annually that will attract about 1.25 million spectators. It will result in 500 permanent jobs and boost the local economy by some \$24 million annually.

Edward R. Hintz, a Penn State alumnus and president of the New York investment firm of Hintz, Holman and Hecksher, is chairing a volunteer committee that will provide leadership for soliciting gifts nationwide.

"The Convocation Center is an exciting project that will appeal to a broad range of our alumni and friends," Mr. Hintz said.



Announcing the campaign to raise private funds for the proposed Academic/Athletic Convocation and Events Center are, from left, Marlan U. Coppersmith, president of the University's Board of Trustees; Steve A. Garban, senior vice president for finance and operations; Edward R. Hintz, campaign committee chair, and President Thomas. (Photo: Scott Johnson)

"We believe that the facility will leave a positive imprint on the University for many decades to come."

Mr. Hintz noted that the campaign already has received about \$3 million in advance commitments, mostly from

benefactors in Centre and adjacent counties. The general solicitation phase will continue through Dec. 31, 1992.

The Division of Development and University Relations, led by Senior Vice President G. David Gearhart, will provide

staff support for the campaign. "Dave Gearhart and his staff have a solid track record of success in fund raising for Penn State, and their help will be invaluable to us," Mr. Hintz said.

Governor Robert Casey already has released \$16.8 million of the state's commitment and it is anticipated that the remaining authorization will be made available at the appropriate time. Steve A. Garban, senior vice president for finance and operations, said that the next step will be for the state's Department of General Services to retain an architectural firm to design the structure.

"Once the architect is appointed, we will be able to plan a timetable for construction," Mr. Garban said. "Obviously, we want to get the center up and running as soon as possible."

The fund-raising campaign will be organized on a regional basis. Regional leaders are:

Western Pennsylvania: **Dr. Robert Capretto**, a Pittsburgh-area dentist.

Midwest: **Joseph F. Frederick Jr.**, senior vice president, Hilton Hotel Corp., Chicago.

Harrisburg: **Harris Freedman**, president of Camp Hill-based Freedman and Co. State College: **Sidney Freedman**, real estate developer.

Northeastern Pennsylvania: **Michael**

See 'Campaign' on page 3.

University's Leonhard center will be dedicated on April 23

The University's Leonhard Center for Innovation and Enhancement of Engineering Education will be dedicated at an inaugural ceremony at 2 p.m. Tuesday, April 23, in Kern Graduate Auditorium at University Park.

The Leonhard Center, the first of its kind in the world, concentrates resources to promote new approaches in the development and delivery of engineering curricula. It was established in 1990 with a \$4 million deferred gift from William E. Leonhard and his wife, Wyllis Leonhard.

"The Leonhard Center is providing the educational excellence needed to maintain the American traditions of invention and entrepreneurial spirit. Through the Leonhard Center, Penn State and its College of Engineering will shape the look of engineering education for the decades to come," President Thomas said.

The Leonhard Center will focus on identifying the needs of the students and of the marketplace; developing curriculum innovations; teaching methods and pioneer programs; implementing and testing innovations and programs, and integrating successes into the curriculum.

"The Leonhard Center mission is nothing less than a major overhaul of engineering education through the improvement of the quality and relevancy of undergraduate student experiences," John A. Brighton, dean of the College of Engineering, said.

Founder Leonhard of Pasadena, CA; President Thomas; Dean Brighton and Associate Dean Carl Wolgemuth, acting director of the Leonhard Center, will take part in the ceremony.

The Leonhard Center Advisory Board, made up of corporate leaders from

See 'Leonhard' on page 3.



Dick Gregory speaks to students in Kern Building at University Park on Sunday, April 14. The activist, comedian and nutritionist was the guest speaker at the Penn State NAACP Chapter's Fourth Annual Achievement Awards Banquet. (Photo: Greg Grieco)

Focus on Diversity

Women's issues highlighted

Women's conference

"Tapping Your Creative Powers," a conference focusing on women's issues, will be held Saturday, April 20, at the Penn State York Campus. The day-long conference is designed to encourage leadership in women, provide a forum for women's concerns and inform women of opportunities to develop and grow.

Keynote speaker is Hilda Lee Dail, Ph.D., an international human resources consultant, psychotherapist and career counselor who specializes in creativity and problem solving.

Registration for "Tapping Your Creative Powers" is \$20 through April 12 and includes lunch. To register or for more information, call (717) 771-4045.

WISE Forum

"Preparing for a Scientific/Technical Career: Life as a Female Graduate Student or Post-Doc" will be the focus of a brown bag lunch and discussion from noon to 1 p.m. Tuesday, April 23.

in 12 Sparks at University Park.

It is sponsored by WISE Forum (Women in the Sciences and Engineering). The public is invited.

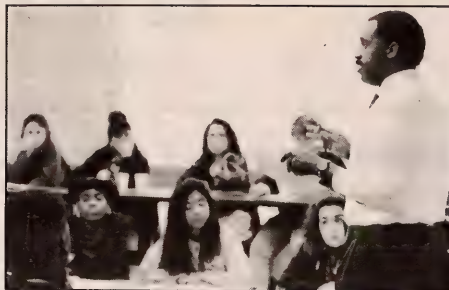
For more information, please contact Sharon J. Luck, Women in Engineering Program, 101 Hammond, 865-7138.

Professional Women at Penn State

An "Open Agenda" program is planned for the next meeting of Professional Women at Penn State at 11:45 a.m. Tuesday, April 30, in the Frizzell Room, Eisenhower Chapel at University Park.

The program, which begins at 12:10 p.m., will consist of impromptu discussions on topics brought to the meeting by the participants.

Professional Women at Penn State is a grass-roots group coordinated by University women in which participants can develop and maintain a communications network and serve as a resource for other Penn State women. The group welcomes attendance from all classifications at the University.



Minority high school students visit

Bruce Ellis, coordinator of minority affairs and minority student programs at The Smear College of Business Administration, speaks to minority high school students from Baltimore, Philadelphia, Pittsburgh and New York City who visited the University Park Campus. The visit was to provide the prospective students a chance to gain a more comprehensive view of Penn State and to meet faculty, students and administrators as they decide whether to enroll at the University. As part of the program, organized by the Office of Minority Admissions and Community Affairs, the students toured campus for four days and attended a financial aid workshop, an academic guidance session and student socials. (Photo: Greg Grieco)

Altoona develops cultural diversity seminar

In a special effort to further develop the quality of life in the community, the Penn State Altoona Campus has developed a three-hour participatory seminar on cultural diversity.

During the month of April, the seminar will be provided on five mornings to approximately 45 participants at each session, or a total of about 250 individuals—business, religious, and civic leaders; media representatives; and municipal employees and leaders in the school districts in this area.

The purpose of this seminar is to provide individuals with the opportunity to

examine societal beliefs and attitudes that foster such biases as racism, sexism, homophobia, and religious intolerance." Jimmy Duplass, campus executive officer, said.

"The seminar focuses on racism, but that is used as a metaphor; the ideas and issues raised apply to any prejudices that individuals might hold."

The seminar opens with two scenarios by the Unity Players, an interactive, improvisational group of Altoona Campus students. Unity Players use role playing to encourage comments from the audience on

its intellectual and emotional reactions to the roles the Players have assumed.

Following the Unity Players presentation, the seminar participants divide into small groups to discuss and solve a hypothetical problem. Later, as the participants see similarities and differences in the solutions each group has found to the same hypothetical problem, societal beliefs and attitudes are clarified.

Altoona Campus staff members who developed the seminar include Charles Clark, chairman; Mary Jo Borden, Harriet Gaston, Dick Hatch, Rob Loeb, Joe Reasy, and Jennifer Russell.

Diversity Opportunities Calendar

Friday, April 19

Exercise and Sports Science, noon to 1 p.m., 108 White Building. Faculty/staff workshop in African dance with Myrna Munchus-Bullock; drum music by Don Berinato of the "Earthtones."

Paul Robeson Cultural Center, 8 a.m. to 5 p.m., Robeson Center Gallery. Photographic exhibit: "Women of Courage," through May 8.

Paul Robeson Cultural Center, 11:30 a.m., Robeson Center. Community luncheon.

Women in Engineering, all day through April 20. Women's conference/reunion for alumnae, faculty and students. For information, contact Sharon Jadnak, 865-3342.

Saturday, April 20

Office of Minority Faculty Development, 9 to 11 a.m., 101 Kern. Discussion on issues related to promotion and tenure led by Vice Provost Grace Hampton; attendance limited to those who participated in a previous promotion and tenure workshop. For information, contact Leah Witzig, 863-1663.

Wednesday, April 24

Asian-American Student Coalition, 7:30 p.m., 301 Hetzel Union Building. William Fletcher and Dee Williams, Philadelphia Department of Human Relations, on "Racial Relations Between the African-American and Asian-American Communities."

Summer program

Hands-on science and math activities and close contact with engineering students and professionals are the focus of a week-long camp for 7th to 9th grade minority students this summer at the University.

"See The Future," a pre-college science and technology adventure, will be held July 14-19 at University Park.

The free program, which includes supervised lodging and meals in University residence halls, is designed to introduce minority students to higher education opportunities and possible careers in engineering, science and energy. Students must provide transportation to and from campus.

The deadline for applications is May 17. For more information, contact John R. Vincents at (800) 321-6789 or (814) 863-2133.

Bluford honored with engineering award

Gaston S. Bluford Jr., 1964 aerospace engineering alumnae colonel, U.S. Air Force, and astronaut, is the recipient of the distinguished 1991 Black Engineer of the Year Award. The annual award is sponsored by U.S. Black Engineer Magazine and several corporations.

"Guy Bluford is a superb example of an engineer who has excelled in his professional as well as in his personal and public life," John Brighton, dean of the College of Engineering, said. "He is a proven engineer, a natural leader and a gifted communicator who is consistently willing to share his talents and experience with those around him, especially our nation's young people. He is a man admired and valued by all who are privileged to know and work with him."

As the 1987 commencement speaker for the College, Mr. Bluford told 825 engineering graduates that "the dream is alive" in America's space program. "I hope to see many of you contribute to that dream."

"I encourage as many kids as I can to consider math and sciences."

The first African American in space (Aug. 30, 1983), Mr. Bluford has been assigned to two shuttle space missions and currently is scheduled to fly a third mission this year. He has logged an impressive 314 hours in space. He is second of three engineering alumnus in space.

He is a member of the College of Engineering Minority Engineering Program external advisory board and was named a Penn State Distinguished Alumnus in 1983.

Stanford professor to present Marker lectures

Richard N. Zare, Marguerite Blake Wilbur professor of chemistry at Stanford University, will present the 1991 Russell Marker Lectures in the Chemical Sciences April 22-25 at University Park. The four-lecture series, titled "Reactive Scattering Processes," is sponsored by the Eberly College of Science and is free to the public.

The schedule includes: "Studies of the H+H₂ Reaction Family," 8 p.m. Monday, April 22, 112 Chambers Building; "Studies of Ion-Molecule Reactions," 8 p.m. Tuesday, April 23, 117 Osmond Laboratory; "Dependence of Reactivity on Impact Parameter," 4 p.m. Wednesday, April 24, 5-5 Osmond Laboratory, and "Molecular Photoionization Dynamics," 12:15 p.m. Thursday, April 25, 5-5 Osmond Laboratory.

Dr. Zare is considered a world leader in using lasers to investigate the dynamics of chemical reactions and to study molecular spectroscopy. An experimentalist and a theorist, his work spans gas-phase reactions and spectroscopy, processes on surfaces, and applications of lasers to problems in



Richard N. Zare

chemical analysis.

In 1983, he received the National Medal of Science "for his seminal contributions to molecular spectroscopy, photochemistry,

and chemical reaction dynamics, especially for his incisive theoretical methods and the development of the experimental technique of laser-induced fluorescence." The University of Arizona presented him with an honorary doctor of science degree in 1990.

An elected member of the National Academy of Sciences and the American Academy of Arts and Sciences since 1976, Dr. Zare also is a Fellow of the American Association for the Advancement of Science, a Fellow of the American Physical Society, a member of the American Chemical Society, and a member of the Chemical Society of London. He currently is a member of the National Academy of Sciences' Government-University-Industry Research Roundtable.

Dr. Zare joined the Stanford University faculty in 1977 and was the Shell distinguished professor of chemistry from 1980-1985 and a Stanford University fellow from 1984-1986. He was named the Marguerite Blake Wilbur professor of chemistry in 1987.

MA; **Raymond A. Bowers**, chairman, Lewis C. Bowers & Sons, Princeton, NJ; **Harvey F. Brush**, vice president (retired), Bechtel Group, San Francisco, CA; **Edward B. Bryant**, vice president & general manager, Libby-Owens-Ford Company, Toledo, OH; **Glen F. Chatfield**, managing partner, Chatfield Engineering, Bradford Woods, PA; **James E. Donnelly Jr.**, vice president (retired), General Electric, Ponte Vedra, FL; **J. Lee Everett**, chairman of the board (retired), Philadelphia Electric, Wayne, PA; **Frank Gabron**, chairman of the board, Helix Technology Corp., Hollis, NH; **Herbert C. Graves**, president and co., Standard Steel, Burnham, PA; **Bernard Hoskin**, president, The Hankin Group, Exton, PA; **Clifford Hepper**, president (retired), Arco Polymers Company, Savannah, GA;

William R. Johnson Jr., vice president, Digital Equipment Corporation, Maynard,

MA; **William L. Keefe**, corporate vice president/legal AT&T (retired), New Vernon, NJ; **William E. Leonard**, chairman & co. (retired), The Parsons Corporation, Pasadena, CA; **Bennett Levin**, president, The Offices of Bennett Levin, Philadelphia, PA; **Frances E. Lockwood**, vice president for technology, Pennzoil Products Company, The Woodlands, TX; **Nancy C. Mohr**, vice president-marketing, ABB Combustion Engineering, Windsor, CT; **John C. Redmond**, president GTE Laboratories, Waltham, MA; **Walter L. Robb**, senior vice president, General Electric, Schenectady, NY; **Charles R. Schneider**, president, Baker Industries, Inc., Parsippany, NJ; and **Donald L. Watson**, executive director, New Jersey Turnpike Authority, New Brunswick, NJ; Dr. Brighton and Dr. Wolgemuth are ex-officio members.

of State College, president of the Barish Group and president of Penn State's Board of Trustees; **William A. Gettig** of Spring Mills, president of Gettig Technologies Inc.; **Harold J. Hein** of New York City, president of Mid-City Press; **David B. Lee** of State College, president of Peoples National Bank of Central Pennsylvania;

Ralph J. Papa of State College, president and chief executive officer of Mellon Bank Central; **Bruce Parkhill**, Penn State head men's basketball coach; **Joseph V. Paterno**, Penn State head football coach; **Charles C. Pearson Jr.** of State College, president and chief executive officer of United Federal Bank; **Frederick A. Pechter** of Altoona, chairman and chief executive officer of Altoona Pipe and Steel Supply Co.; **Rene Portland**, Penn State head women's basketball coach; **Charles Rider** of State College, chairman and president of Rider Auto Inc.

William J. Rossman of Altoona, president and chief executive officer of

Mid-State Bank; **L.J. Rowell Jr.** of Philadelphia, president and chief operating officer of Provident Mutual Life Insurance Co.; **William A. Schreyer** of New York, chairman and chief executive officer of Merrill Lynch and Co. Inc.; **Edward J. Shaffer Jr.**, a Penn State undergraduate and member of the University's Board of Trustees; **Philip H. Sieg** of State College, chairman of the Sieg Financial Group; **James I. Tarman**, Penn State director of athletics; **Ray S. Walker** of Bigler, founder of Bradford Cold Co.;

Quentin E. Wood of Oil City, chairman of the board of Quaker State Oil Co. and member of the Penn State Board of Trustees, will serve as the committee's Trustee liaison.

Carpooler

Robin would like to carpool from Belleville to University Park. Her work hours are 8 a.m. to 5 p.m. Call 865-0513.

Bookshelf

J. Madison Davis, professor of English at Penn State Erie, The Behrend College, is the author of *Samsian* Len.

Part of the *Starmont House Reader's Guide* series to science fiction authors, the book is an overview of the fiction of Poland's premier living writer, analyzing his recurrent themes and biographical influences. Called a literary movement in himself, Mr. Lem ranges from humor to philosophy to adventure to postmodernism, yet his works have been required reading in Polish and Soviet schools and have been sold on the black market because of paper quotas.

E. Willard Miller, professor of geography and associate dean for resident instruction emeritus, College of Earth and Mineral Sciences, and **Ruby M. Miller**, associate librarian, retired, Pattee Library, have prepared a 42-volume bibliography on the *Third World*. 17 volumes on Latin America, 11 on Africa and 14 on Asia, published by Vance Bibliographies, Monticello, Ill.

The bibliography of approximately 13,000 references consists of books, government publications and journal articles. The references stress foreign relations, government and politics, economic development, natural resources and social conditions.

Jan S. Prybyla, professor of economics, is the author of *Reform in China and Other Socialist Economies* published for the American Enterprise Institute by the American Enterprise Institute Press, Washington, D.C.

The book is a collection of essays published over nearly 20 years in journals, periodicals, and as chapters in books dealing with the economic transformation of the socialist economies of China, Eastern Europe, and the Soviet Union, with comparative developments in the market economies of Taiwan and Hong Kong.

Economic reform is examined in a broader context of the political, philosophical, and ethical issues involved in the transition from central administrative command planning to the market system.

Jason J. Spielvogel, associate professor of history, is the author of the textbook *Western Civilization*, published by West Publishing Co.

"The American approach to history traditionally has focused on the achievements of Western European males," Dr. Spielvogel says. "This is admittedly a distorted view, which I've tried to correct by integrating into my text the history of women and various social and ethnically underrepresented groups."

"The text traces the history of women throughout every stage of Western civilization, chapter by chapter, instead of isolating it from general history and thus diluting its significance."

Dr. Spielvogel said he tried to write a text "that explains Western civilization without either trumpeting its superiority or insinuating its guilt."

Leonhard

Continued from page 1.

throughout the country, which will meet for two days prior to the ceremony, also will be present. Michael A. Brunner, IE '55, president of AT&T Federal Systems, chairs the board.

The dedication will follow the 25th annual Honorary Engineering Lecture, given this year by MIT President Charles Vest. His lecture, "Universities, The Public, and The Government: The State of the Partnership," begins at 1 p.m. Both events are free and open to the public.

Besides Mr. Brunner, members of the advisory board are:

Donald M. Alstadt, chairman of the board and co., Lord Corporation, Erie, PA; **Eugene M. Bard**, president, BARD, Rao & Athanas Consulting Engineers, Inc., Boston.

Campaign

Continued from page 1.

Hudacek, an attorney from Plymouth.

Philadelphia: **Robert Klein**, chairman and chief executive officer of S. Springs Water Co.

New York City: **Arthur J. Nagle**, chairman of Vestar Capital Partners Inc.

Washington, D.C.: **Raymond N. Shibley**, attorney.

State College: **John T. Walizer Jr.**, insurance agent.

Mr. Hintz's committee includes these alternate members, who will provide leadership and support for the total fundraising effort:

H. Jesse Arnette of San Francisco, an attorney and University trustee; **Peter Deines**, professor of geochemistry and chairperson of the University Faculty Senate; **Galen E. Dreibibis** of State College; **Robert E. Eberly** of Untiontown, chairman of the board of Eberly and Meade; **Marian U. Coppersmith** of Fredman

Awards

Robert Goerder will receive Mitchell award



Robert L. Goerder

Robert L. Goerder will receive the 1991 Philip Mitchell Alumni Service Award from the Penn State Alumni Association at an awards luncheon April 19 at the Nittany Lion Inn at University Park.

Established in 1980 by Elizabeth and Philip P. Mitchell, the award recognizes an alumnus or alumna who has contributed a significant amount of time, talent and/or resources to the University. Mr. Goerder is being recognized for his volunteer work as coordinator of international programs and tours.

Jyung-ock Choe, president of the Penn State Club of Korea, says Mr. Goerder's tireless volunteer service,

which has contributed significantly to promoting relations between the University and the international clubs for a long period of time, is regarded as a pattern to others and deserves special recognition.

In 1970 Mr. Goerder became the field director of the Alumni Association after having taught at the Industrial College of the Armed Forces in Washington, D.C. and retiring as an Air Force colonel after nearly 30 years of service.

Under his direction, the number of active Penn State clubs grew to 150 across the country. He also initiated the international clubs and student alumni programs such as the Lion Ambassadors.

Although he retired from Penn State in 1983, he has coordinated the Alumni Association's travel program since 1984.

A 1939 graduate in arts and letters, Mr. Goerder received a master's degree in international relations from Georgetown University.

As recipient of the Philip Philip Mitchell Award, he will receive a certificate and his name will be added to a plaque on display in the Alumni Lounge in Old Main. He also will name the purpose of a cash gift to the University made by Mr. and Mrs. Mitchell.

Two alumni honored by Arts and Architecture

Two University alumni have been selected for the 1991 Alumni Achievement Award given by the Arts and Architecture/Performing Arts Constituent Society.

The award honors alumni who have distinguished themselves in their profession. Alumni selected are music educator **O. Richard Bundy** of State College and architect **Wilson F. Pollock** of Newton, Mass.

Dr. Bundy is an assistant professor of music education at Penn State. As associate director of bands, he directs the Concert White Band and is responsible for the football halftime shows by the Marching Blue Band. He also is principal conductor of the State College Municipal Band.

A professional trombonist, he received his bachelor's in music education from Penn State, a master's

from the University of Michigan and a doctorate from Penn State.

Mr. Pollock is co-founder and president of Architecture Design Development (ADD), a 60-person firm with offices in Cambridge, Mass., and Washington, D.C. Founded in 1971, the firm offers full service architectural, interior design and feasibility/master planning services to private corporations, public agencies and institutions.

Mr. Pollock has been the master planner of research and development/office parks and designer of commercial development and corporate headquarters buildings, banks, housing and waterfront projects.

A registered architect in 14 states, he received his bachelor's in architecture from Penn State and his master's in architecture from Columbia University.



O. Richard Bundy



Wilson F. Pollock

Dr. Simkovich named McFarland award winner

George Simkovich, professor of metallurgy, has received the 1991 David Ford McFarland Award for Achievement in Metallurgy. The award, established in 1948, is presented annually by the Penn State Chapter of the American Society for Metals International.

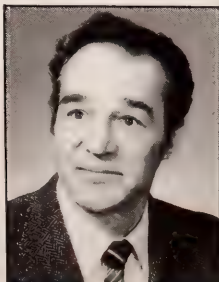
Dr. Simkovich will deliver the McFarland Award lecture at 11 a.m., Saturday, April 20, in Room 112 Walker Building at University Park. His address is titled, "High Temperature Corrosion." The award presentation will be made that evening at the annual McFarland Dinner.

Dr. Simkovich will be honored for his career achievements in metallurgy, particularly his work in the development of alloys with oxidation-resistance under high-temperature conditions. He also has

conducted extensive research in collaboration with Professor Frank F. Aplan on the effects in a range of processes.

Dr. Simkovich received B.S., M.S. and Ph.D. degrees in metallurgy from Penn State and has been a member of the faculty since 1964. He was awarded the Wilson Outstanding Teaching Award of the College of Earth and Mineral Sciences in 1984.

The McFarland Award recognizes outstanding achievements by Penn State metallurgy alumni. The award was established to honor Dr. David P. McFarland, professor and head of the Department of Metallurgy from 1920 to 1945. This is the first time in the 43-year history of the award that the presentation has been made to a Penn State faculty member.



George Simkovich

Graduate nominees are award winners

The University's two nominees for the Master's Scholar Award and the Annual Dissertation Award of the Northeastern Association of Graduate Schools have been named winners of the 1991 competition.

Kenneth M. Mash, who received an M.A. in political science in August, 1990, won the Master's Scholar Award in the social and behavioral sciences for his master's essay, "The Limits of Judicial Power: Yonkers Revisited."

J. Adin Mann, who received the Ph.D. in the Intercollege Graduate Degree Program in Acoustics in May, 1988, and is now on the faculty of Iowa State University, received the Annual Dissertation Award for his dissertation, "Acoustic Intensity: Energy Transfer, Wave Properties, and Applications."

University seeks to reach its initial recycling goal

After 17 months since the start of the University Park recycling program, Penn State is continuing to seek ways to reduce the total amount of waste produced by faculty, staff and students.

The program got off to a marvelous start, spurred on by the 20th anniversary of Earth Day, the accompanying program in Centre County and the statewide deadlines for municipal recycling," Phil Melnick, manager of support operations for the Office of Physical Plant and coordinator of the recycling program, said.

Since March 1990, a total of 1,135 tons of waste, including 207 tons of containers and 931 tons of paper, has been collected, according to Melnick.

"While we appreciate the support and

enthusiasm of those who have been participating, we have not reached our initial goal of recycling 25 percent or more of the University's waste," he added.

"Currently, only 20 percent of the waste is being recycled. Since the total amount of waste continues to grow, we still need to increase the amount of recycling."

A recent survey of University Park academic buildings show that 20 percent of the University's employees are not participating in the program.

"A committee is studying ways to reduce the amount of waste generated, including purchasing policies that promote the use of materials with recycled content and that can also be recycled later," Mr. Melnick said. "They also are reviewing strategies

such as promoting increased use of non-paper technology like EMail or whether colored paper should continue to be made available through the Penn State Bookstore, General Stores or the University's copy centers."

The committee requests that you send waste reduction comments or suggestions to Mr. Melnick by calling the Recycling Hotline at 865-8000, or sending an E-Mail message to PRM1@PSUADMIN.

Meanwhile, several measures to bolster participation in the recycling program will be taken in the next several weeks. Beginning April 22, Physical Plant will notify those employees who are not recycling about the need to comply with the University's recycling policy.

Those who are not in compliance with the policy will be encouraged to participate.

Waste and recycling remain serious issues that affect every employee at the University as the total amount of waste grows and the number of landfills shrinks, according to the Penn State recycling coordinator.

"It's not a problem that can be resolved overnight or in a few months," Mr. Melnick noted. "Preserving our earth and its resources will require a long-term commitment by each employee to do his or her part in order to have a truly effective impact on the situation."

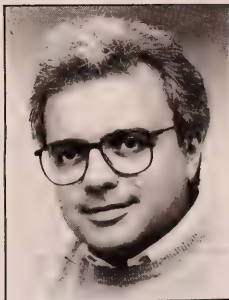
Alumni Fellow Finestra to visit in School of Communications

Carmen Finestra, television writer/producer, will receive the Alumni Fellow award and meet with faculty members, administrators and students April 22-27 as the guest of the School of Communications.

The Alumni Fellow award, presented by the Penn State Alumni Association, is administered in cooperation with the academic units.

Mr. Finestra has been writing for film and television since 1976. For five seasons, he was supervising producer of "The Cosby Show." He also helped to create the series "A Different World." His other credits include "Carol & Company," "Chico and the Man," "Angie," "Good Times" and several variety specials that starred such comedians as Steve Martin, Martin Mull, Steve Allen and Andy Kaufman.

He has won three Writers' Guild of America Awards, and he has been nominated for three Emmys, a Humanitas Prize and an NAACP Image Award. In 1987, he received a Peabody Award, along with the other "Cosby Show" writers, for



Carmen Finestra

outstanding achievement in television.

A native of Harrisburg, he is a 1971 graduate of Penn State.

Executive development research effort

The University has joined eight other major universities in a new research effort to explore executive development.

The Penn State Executive Programs, an arm of The Smeal College of Business Administration, joins counterparts from Columbia University, London Business School, Northwestern University, Cornell University, University of Southern California, University of Virginia, University of North Carolina and Massachusetts Institute of Technology as charter members of the International Consortium of Executive Development Research.

The consortium will look for innovative ways to develop business leadership in today's complex global economy. Among

potential topics for study are a search for "best practices" in executive development among top companies, new approaches to creating the "internationally minded" executive, ways to create adaptive organizations, the impact of culture and language on leadership effectiveness and new approaches to university-based executive education.

Albert A. Vicare, assistant dean for executive education with The Smeal College, serves as Penn State's representative to the organization.

In the future, the consortium plans to include representatives from the corporate community as well as from other academic institutions.

Obituaries

James W. Sampsell, former assistant coordinator for contract grants, Commonwealth Educational System, died March 27. He was 47.

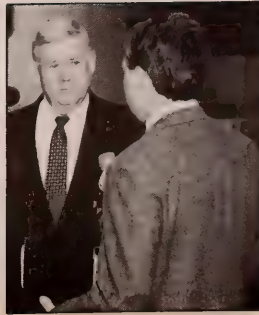
A graduate of Williamsport Area Community College with an associate

degree, he joined the University staff Feb. 1, 1964. He retired Nov. 1, 1990, on disability.

Elizabeth K. Swartz, clerk typist, College of Agriculture, from Sept. 29, 1966, until her retirement Jan. 1, 1979, died March 6. She was 74.

Pennsylvania Career Day

U.S. Rep. John P. Murtha talks to a reporter at the opening of the University's first ever Pennsylvania Career Day on Thursday, April 11, at University Park. Some 2,000 students and recent college graduates attended the event in which 430 employers from across the state participated. (Photos: Greg Grieco)



Focus on the arts

Shakespeare Festival

Shakespeare lovers may warm up their summer at the Stratford Shakespeare Festival, when they join the Department of English in an excursion to Stratford, Ontario, from Friday, July 26 to Monday, July 29.

Participants can enjoy the following performances: Friday evening, "The Carousel" in the Festival Theatre or "Timon of Athens" in Patterson; Saturday afternoon, "School for Wives" in Avon; Saturday evening, "Hamlet" in Festival Theatre; Sunday afternoon, "Twelfth Night" in Avon or "Much Ado About Nothing" in Festival Theatre.

Two pricing plans are available. Plan A includes tickets to see three plays, lodging in Stratford rooming houses, and roundtrip transportation in University vans for \$220. Plan B includes tickets to see four plays, lodging and transportation for \$260.

For each reservation, a \$30 per person downpayment is required. Make checks payable to Sanford Schwartz and send them to him in the Department of English, University Park, Pa. 16802. For further information, contact Dr. Schwartz at (814) 867-3031 or 865-1651.

Architecture symposium

A symposium, "Cynicism/Kynicism and the Retreat from Meaning in Post-Modern Architecture," will be held Friday, April 19, in 101 Kern Building at University Park.

Sponsored by the Department of Architecture and the Institute for the Arts and Humanistic Studies, the symposium consists of a morning session beginning at 10 a.m. and an afternoon session beginning at 2 p.m. Presentations will be made by architects Diane Lewis, Alberto Perez Gomez, Kay Beynon Jones and Dan Hoffman.

A reception will follow Friday's events. Further activities will take place at 9 a.m. Saturday, April 20, in the Architecture Unit C Gallery.

For more information, call Donald Kunze at (814) 865-1750 or Arthur Anderson at (814) 863-0188.

Featured author

Marcia Bonta, author of the newly released *Women in the Field, America's Pioneering Women Naturalists* (University of Texas Press, 1991) and *Appalachian Spring* (University of Pittsburgh Press, 1991), will discuss and sign her books at the Penn State Bookstore on Campus from noon to 2 p.m. Friday, April 19.

Director of the Juniata Valley Audubon Society and a member of the Pennsylvania Outdoor Writers Association and the Outdoor Writers Association of America, Ms. Bonta began writing about nature and her life on a Pennsylvania mountaintop farm near Tyrore in 1973.

The Bookstore is offering a 20-percent



Penn State Internationale Dancers Kunjan Raval (left) and Vinaya Menon are shown performing an Indian dance. The dance troupe will present its annual spring concert at 7:30 p.m. Saturday, April 27, in Eisenhower Auditorium.

discount on both books during the booksigning session.

The arts on Channel 3

Opera Stories, airing at 9 p.m. Saturday, April 20, features "Tosca" by Puccini. Filmed in Rome, the opera stars Eva Marton, Ingvar Wixell and Giacomo Aragall and is conducted by Daniel Oren.

Innovation, airing at 7:30 p.m. Tuesday, April 23, continues to look at kinetic art in "The Artist as Scientist, Part II." This second episode profiles several kinetic artists at work and examines sound sculpture, interactive art, and theatrical art which tells a dramatic story through ingenious engineering.

The world stands in awe of Wolfgang Amadeus Mozart, the legendary composer who created long symphonies in his head and committed entire operas to paper without corrections. *The Mozart Mystique* with Peter Ustinov, airing at 8 p.m. Wednesday, April 24, traces the short, but illustrious life of the musical giant. Some of Mozart's greatest music is featured including the overture to "The Marriage of Figaro," "Symphony No. 40," and the famous Requiem.

Singing Lions

The Singing Lions, the University's traveling show choir, will perform "A Celebration of American Music" at 2 p.m. Sunday, April 21, in Schwab Auditorium at University Park.

Featured in the program will be "A Tribute to Cole Porter" in honor of the 100th anniversary of his birth this year. Also included will be a jazz medley, a Broadway medley, an Americana medley and a patriotic salute.

"Come And Go With Me," a special medley of '50s and '60s music, has been put together by keyboard accompanist Jeff Rezer and choreographed by group

member Avon Chandler.

Graduating seniors will be featured in a solo spotlight session. Returning alumni will join the Singing Lions onstage for a Penn State medley and Billy Joel's "Everybody Has a Dream."

Admission to the show is \$4 for adults and \$2 for students and will be charged at the door.

Brown bag lunches

Two members of the Department of English will present lectures as part of the Comparative Literature brown bag luncheon series.

Carla Mulford, associate professor of English, will discuss "Caritas and Commerce: Benjamin Franklin's Narrative of the Late Massacres" at 12:15 p.m. Monday, April 22, in 101 Kern Building at University Park.

David Charny, assistant professor of English, will speak about "The Literature of Science: How Scientists Read and Write Scientific Discourse" at 12:15 p.m. Monday, April 29, in 101 Kern.

Those interested in attending only the

lecture should arrive before 12:45 p.m. Coffee and tea will be provided to accompany a brown bag lunch.

Concert band

The Penn State Concert Band will present its 15th annual spring concert at 6:30 p.m. Monday, April 22, in the Hetzel Union Building Ballroom at University Park.

The program will feature Darius Milhaud's *Suite Française*, based on French folk tunes, and "Fantasies on a Theme by Haydn" by American composer Norman Dello Joio.

The band also will perform Von Suppe's classic transcription of *Light Cavalry Overture*, the contemporary works *Second Suite* by Robert Jager and "Compendium" by Leland Forsblad, Fillmore's "Circus Bee" march and Percy Grainger's "Irish Tune from County Derry."

Jazz combos

The four University Combos from the jazz studies program will perform in concert at 8 p.m. Monday, April 22, in the School of Music Recital Hall at University Park.

Each combo will perform a 20-minute program of music arranged by group members specifically for this performance. The music ranges from jazz standards to original compositions.

German-American lecture

The first German-American cultural lecture named after AEG-Westinghouse in Pittsburgh in recognition for its support of the Chair in Anglo-German Literary and Cultural Relations will be held at 4 p.m. Tuesday, April 23, in W342 Pattee Library (Rare Books Room) at University Park.

Frank Trommler of the University of Pennsylvania will speak on "Inventing the Enemy: German-American Cultural Relations 1900-1917." His lecture will provide insights into the machinations of inventing the other nation, heretofore a friendly though distant partner in world

See 'Arts' on Page 8.

The arts at

Wilkes-Barre Campus

The poetry of women, the working class and the resistance movement will be topics of the Eighth Annual Hayfield Poetry Festival. "The World is How We Say It: Poetry and Cultural Diversity" will be held at the Penn State Wilkes-Barre Campus from 8:30 a.m. to 5 p.m. Saturday, April 20.

Topics are "Images of Women in Poetry," "Images of Resistance in Poetry" and "Working Class Poetry."

Penn State-Behrend

The Penn State-Behrend Concert Choir presents its annual spring concert at 4 p.m. Sunday, April 21, in the Reed Building Wintergarten.

The 29-member student choir will sing selections from several centuries ranging from medieval chants to madrigals and sea chanteys. Tickets for the concert are \$2 and can be obtained by calling (814) 898-6289.

University Park Calendar

April 18 - 28

Special Events

Thursday, April 18
 Bach's Lunch, 12:10 p.m., Eisenhower Chapel.
 Penn State Horn Ensemble.

Friday, April 19

■ Geog. Coffee Hour, 4 p.m., 319 Walker.
 Allan Rodgers on "Industrial Restructuring:
 The Case of the Italian Steel Industry."
 Center for the Performing Arts, 8 p.m.,
 Eisenhower Aud. Feld Ballets/N.Y.
 URTIC, 8 p.m., Pavilion Theatre, through April
 27. "The Children's Hour."
 School of Music, 8 p.m., Schwab Aud. Penn
 State Concert Choir, Chamber Singers, Penn
 State Philharmonic.

Saturday, April 20
 74th Little International Livestock Exposition,
 Ag Arena.

Shaver's Creek, Wildflower Walk, 10 a.m.-
 noon; Low Impact Lawn Care, 1-3 p.m. Call
 863-2000.

Blue-White Football Game, 1 p.m., Beaver
 Stadium.

Sunday, April 21

Shaver's Creek, The Winged Hunters, 1-2:30
 p.m. Call 863-2000.

School of Music, 2 p.m., Schwab Aud. Penn
 State Singing Lions.

Carnegie Hall Film Series, 7 p.m., *The Maltese
 Falcon* (1941); 9 p.m., *Local Hero* (1983), 108
 Wartik. Free.

Monday, April 22

Comp. Lit. Luncheon, 12:15 p.m., 101 Kern.
 Carla Mulford on "Caritas and Commerce:
 Benjamin Franklin's Narrative of the Late
 Massacres."

■ Talk, 3:45 p.m., Eisenhower Chapel.
 Memorial Lounge. Dr. Ruben Schindler,
 Bar-Ilan Univ. on "Integrating Ethiopian
 Jews into Israeli Society: Economic, Racial,
 Cultural and Religious Challenges."

School of Music, 6:30 p.m., HUB Ballroom.

Penn State Concert White Band.

College of Ag Distinguished Lecture Series, 8
 p.m., 101 Ag Sciences/Industries. Dr.
 Vernon W. Rutten, Univ. of Minn., on
 "Constraints on Agricultural Development:
 Into the 21st Century. Also lectures on April
 23, 8 p.m.; April 24, 11 a.m.

■ German Dept., film, 8 p.m., 108 Wartik.
Kolberg (1941).

Tuesday, April 23

■ AEG-Westinghouse Cultural Lecture, 4
 p.m., W342 Pattee (Rare Books Room).
 Frank Trommer, Univ. of Pa., on "Inventing
 the Enemy: German-American Cultural
 Relations 1900-17."

■ Art of Interpreting, 8 p.m., 112 Walker.
 Anthony Cutler on "The Significance of
 Byzantine Art."

Wednesday, April 24

School of Music, 8 p.m., Recital Hall. Penn
 State Symphonic Wind Ensemble.

Thursday, April 25

Bach's Lunch, 12:10 p.m., Eisenhower Chapel.
 Mozart Chamber Orchestra.

School of Music, 8 p.m., Recital Hall. Da Ponte
 Trio, with guest pianist Marylene Dove.

Friday, April 26

■ Penn State Ukrainian Club/Dept. of Slavic
 Languages, memorial service on 5th anniversary
 of Chernobyl disaster, 3 p.m., Eisenhower
 Chapel.

Geog. Coffee Hour, 4 p.m., 319 Walker. Roger
 Downs on "Sesame Street" Does



The Philadelphia Orchestra, conducted by Yuri Temirkanov, will present a concert at 8 p.m. Friday, April 26, in Eisenhower Auditorium.

Geography: A Big Birds' Eye View of Our
 Discipline

Shaver's Creek, 7:30-9 p.m., Pa. Folklore. Call
 863-2000.

School of Music, 8 p.m., Recital Hall.
 Saxophobia Quartet.

Center for the Performing Arts, 8 p.m.,
 Eisenhower Aud. Philadelphia Orchestra.

Saturday, April 27

Shaver's Creek, 8-11 a.m., Warbler Walk; Trail
 Stewards, 1-4 p.m. Call 863-2000.

66th Penn State Dairy Exposition, 8:30 a.m., Ag
 Arena.

School of Music, 8 p.m., Schwab Aud. Penn
 State Glee Club.

Sunday, April 28
 Sy Barash Regatta, 10 a.m.-5 p.m., Bald Eagle
 State Park.

Shaver's Creek, 2-4 p.m., Honey Factory. Call
 863-2000.

Center for the Performing Arts, 3 p.m.,
 Schwab. Chestnut Brass Co.

Carnegie Hall Film Series, 7 p.m., *Meet Me in
 St. Louis* (1944); 9 p.m., *Frenzy* (1972), 108
 Wartik. Free.

School of Music, faculty recital, 8 p.m., Recital
 Hall. Timothy Shafer, piano.

Conferences

Continuing Education

Keller Building

April 22-25, Pupyl Transportation Supervisors

Course: Jerri Milson, coordinator.
 Sherri Hendrick, chair; Jerri Milson, coordinator

April 24, High School Yearbook Seminar.
 Jerri Milson, coordinator.

April 24-26, Educational Secretaries
 Conference. Sherri Hendrick, chair; Kathy
 Karchner, coordinator.

April 27, Zoning Law and Administration.
 Jack Sinclair, coordinator.

Seminars

Thursday, April 18

Combustion and Propulsion, 9 a.m., 501
 Keller. Dr. Julian M. Tishkoff, Air Force
 Office of Scientific Research, on "AFOSR
 Supported Research in Turbulent
 Combustion."

Graduate Program in Ecology Seminar Series.

11 a.m., 105 Ferguson. O. James Reichenman,
 NSF, on "NSF Programs in the Division of
 Biological Sciences and Resources"; 3:45
 p.m., 8 Mueller, "Concepts of Food Caching
 Behavior: Analytical Models and Empirical
 Studies."

Gerontology Center Colloquia, 4-5 p.m., 106
 Mitchell. Cheryl Achterberg on "Does Age
 Make a Difference in Consumer Reaction to
 Nutrition Education Print Materials: A
 Cognitive Perspective."

Computer Science, 4 p.m., 325 Whitmore.
 Dexter Kozen, Cornell, on "A Completeness
 Theorem for Kleene Algebras."

■ History Colloquium, 4 p.m., Memorial
 Lounge Eisenhower Chapel. Dr. James M.
 Donovan on "Gender and the Death Penalty
 in France, 1825-1913."

Mechanical Engineering, 4 p.m., 103 Mech.
 Engr. Dr. Ferdinand Freudenstein,
 Columbia, on "Recent Developments in the
 Design of Mechanisms, Mechanical
 Components and Systems."

Friday, April 19

Agronomy, 3:35 p.m., 107 Ag
 Science/Industries. John Jemison on
 "Evaluating Nitrate Leaching Losses from
 Non-Manured and Manured Nitrogen
 Management Systems Using Zero-Tension
 Lysimeters."

Monday, April 22

Entomology, 3:35-4:45 p.m., 204 Patterson.
 Tim Friedlander, Univ. of Md., on
 "Identification of Genes Useful for
 Phylogeny Reconstruction in Lepidoptera."

Computer Science Colloquium, 4 p.m., 325
 Whitmore. Rafael H. Saavedra-Barrera,
 UC/Berkeley, on "CPU Performance
 Characterization Using an Abstract Machine
 Model."

EPF, 4 p.m., 319 Davey. Dr. Mark Strikman,
 Urbana, Ill., on "Probing QCD and Nuclear
 Structure in Quasi-Elastic Scattering of
 Neutrons."

Tuesday, April 23

School of Forest Resources, 11:10 a.m.
 Conference Room, Land/Water Research.
 Dr. Marc Abrams on "Fire and the
 Development of Oak Forest in Eastern
 North America."

Chemical Engineering, 2:45 p.m., 140 Fenske.
 Phillip E. Savage, Univ. of Mich., on
 "Reaction Pathways in Lubricant
 Degradation."

Ceosciences Colloquium, 3:45 p.m., 112
 Walker. Craig Kocheil, Bucknell, on

"Paleoclimatology of Fluvial Systems."
 Condensed Matter Physics, 4 p.m., 339 Davey.
 Mark Kiel.

Wednesday, April 24

Combustion and Propulsion, 9 a.m., 501
 Keller. Dr. Alan C. Eckbreth, United
 Technologies Research Center, on "Multi-
 Color Multiple Species CARS Techniques for
 Propulsion Applications."

Engineering Science and Mechanics, 3:35-4:30
 p.m., 315 Hammond. Dr. Eugene Wilusz,
 Army Natick RDE Center, on "Permeation
 Behavior of Protective Barriers in Chemical
 Warfare."

Thursday, April 25

Physics Colloquium, 3:30 p.m., 55 Osmond.
 Dr. Michael Turner, Univ. of Chicago, on
 "Formation of the Structure in the
 Universe."

Graduate Program in Ecology, 3:45 p.m., 8
 Mueller. Joseph Miller on "Landscape
 Patterns and Biotic Community
 Characteristics."

Friday, April 26

Agronomy, 3:35 p.m., 107 Ag
 Science/Industries. Laura Lengnick on
 "Seasonal Nitrogen Dynamics in a Corn
 Cropping Sequence Supplied with Organic
 and Inorganic Nitrogen Sources."

EPF, 4 p.m., 339 Davey. Dr. Steve Errede,
 Univ. of Ill., on "Recent Results from CDF."

Exhibits

Chambers Gallery

Art Education Graduate Students exhibition,
 through April 26.

HUB Galleries

Formal Gallery:
 ■ "Lough and Tender: The History of German
 Rock Music," through April 28.

Kern Gallery

Marlye Ervin, watercolors, "Essentially Invis-
 ible," through May 3.

Pattee Library

Lending Services Gallery:
 Mark A. Dellert, "New Developments,"
 through April 21.

Zoller Gallery

Master of Fine Arts Thesis Exhibition, April
 24-May 9

■ Reflects an international perspective

Focus on the arts

Continued from Page 6.

politics, as an enemy. It also reflects the politicization of the concept of culture as an important ingredient of international confrontations.

Odyssey on WPSU

The literary establishment is unwilling to give horror writer Stephen King the respect that he deserves, argues **Jim Smith** on the next episode of "Odyssey Through Literature," and greets Dr. Smith's scholarly analyses of King with "contemptuous derision or downright academic snobbery."

Talking with guest host Tom Beebe, Dr. Smith, a professor of English and American studies at the Penn State Gontz Campus, defends his right to teach and study King's works as literature.

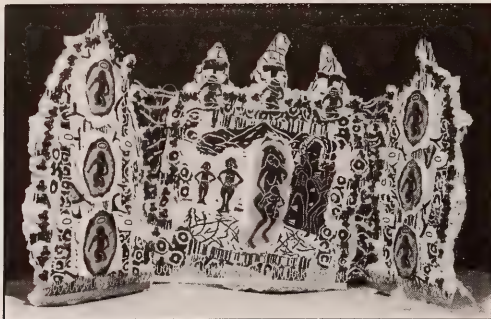
"Odyssey Through Literature" is produced by the Department of Comparative Literature in the audio-production studios of WPSU-TV. It airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Wind ensemble

The Penn State Symphonic Wind Ensemble will perform its final concert of the year at 8 p.m. Wednesday, April 24, in the Recital Hall of the Music Building at University Park.

Joining conductor Smith Toulson will be Ned C. Deihl, conductor of both the Blue Band and Symphonic Blue Band, who will conduct a performance of Norman Delo Joto's "Variations on a Medieval Tune," a set of variations on the melody "In Dulci Jubilo."

The Symphonic Wind Ensemble will present trombonist Bruce Tychinski, winner of this year's Phi Mu Alpha



Craig Anzelcowlitz' book/triptych/collage is one of several of his mixed-media artworks on display in the "Bearing the Child God" exhibit opening April 25 in Zoller Gallery.

Concerto Competition, who will perform two movements from Launy Groendahl's "Concerto for Trombone."

The ensemble also will perform two works by Pennsylvania composers: "Masquerade" by Vincent Persichetti, and "From a Dark Millennium" by Joseph Schwaninger. Also on the program will be Reinhold Gliere's "Russian Sailor's Dance" and William Schuman's "When Jesus Wept."

Mixed-media works

An exhibition of mixed-media works by MFA degree candidates Bruce Fair and Craig Anzelcowlitz opens April 25 and runs through May 9 in Zoller Gallery at University Park.

Mr. Fair's portion of the exhibit is titled "Facing Center: A Jury of Your Peers" and incorporates paintings and drawings in a variety of media. Mr. Anzelcowlitz uses printmaking, papermaking, painting, collaging and writing to remove known images, objects or concepts from their original context.

Zoller Gallery, located in the Visual Arts Building, is open 9 a.m. to 5 p.m. Monday through Friday, 11 a.m. to 4:30 p.m. Saturday and noon to 4 p.m. Sunday.

Mozart orchestra

Penn State's Mozart Chamber Orchestra will perform in concert at 12:10 p.m. Thursday, April 25, in Eisenhower Chapel at University Park. The 20-minute concert is part of the Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The orchestra will perform a work by Johann Christian Bach, a son of J.S. Bach.

DaPonte String Trio

The DaPonte String Trio of Philadelphia, with guest pianist Marylene Dosse, will

perform in concert at 8 p.m. Thursday, April 25, in the School of Music Recital Hall at University Park.

The DaPonte Trio opens the program with Beethoven's String Trio opus 9, no. 1. Ms. Dosse will join the group to perform Piano Quartet opus 60 by Brahms and Schumann's Piano Quartet opus 47.

Ice Rhythms

Ice skating magic returns to the Ice Pavilion for the annual presentation of Ice Rhythms at 7:30 p.m. Friday, April 26, and Saturday, April 27.

This year, the program includes visiting national and international figure skating competitors. Eric Larson, 1991 Senior Men's U.S. Olympic Festival Champion and 1991 Senior Men's national and international competitor, and Kara Paxton and Brad Cox, who won the 1991 Junior Pairs National Bronze Medal and competed in the 1991 U.S. Olympic Festival, are feature performers.

The program also includes solo and group presentations by area professionals and skaters from student and public programs. It is directed by Dena Yeagley, director of ice skating at the University.

Advance tickets are available through April 25 at the Ice Pavilion or by mail for \$3.50 for students and children and \$5 for adults. Tickets purchased on April 26 and 27 will be \$4.50 and \$6. For more information, call (814) 865-4102.

Saxophobia to perform

Saxophobia, a saxophone quartet from the School of Music, will perform in concert at 8 p.m. Friday, April 26, in the Recital Hall of the Music Building at University Park.

The program will include a wide variety of music from the Baroque Scarlatti to a jazz piece by Phil Woods.

Several arrangements by members of the group also will be featured.

'Celebrate the Nations'

The Penn State Internationale Dancers will present "Celebrate the Nations" as the theme for the group's 13th annual spring concert at 7:30 p.m. Saturday, April 27, in Eisenhower Auditorium at University Park.

A dozen nations will be represented through dance, music and song during the two-hour concert. Highlights include the premiere of a Slovak dance suite, complete with hand-embroidered costumes made for the ensemble in Kosice, Slovakia, and a spoof on the French aristocracy of the 1800s and the infamous dancing salons of that era.

Other nations to be featured are India, China, Israel, Poland, Egypt, Bulgaria, Yugoslavia, the Ukraine, Greece and the United States.

Guest artists "Kavouriakia," a Greek band, will perform music from the Rebettika style of the early 20th century.

After the concert, the public is invited to meet the ensemble in Room 133 White Building. Light refreshments and dancing will be provided.

The Penn State Internationale Dancers is a 30-member ensemble sponsored by the Department of Exercise and Sport Science in the College of Health and Human Development. Elizabeth Hanley, assistant professor of exercise and sport science, is founder and director of the ensemble.

Tickets are available from Eisenhower Box Office (8:30 a.m. to 4:30 p.m. Monday through Saturday, 863-0255). General admission is \$6 and student tickets are \$5. For more information, contact Elizabeth Hanley at 863-3467.

Blue and White Concert

The Penn State Glee Club presents its 103rd annual spring Blue and White Concert at 8 p.m. Saturday, April 27, in Schwab Auditorium at University Park.

The Glee Club will premiere Bruce Trinkle's arrangements of the Irish folk song "The Lass of Aughrim" and "Wedding Chorus" from the opera "Beatrice et Benedict" by Hector Berlioz. Mr. Trinkle, associate professor of music, is the director of the group.

Also included in the program will be sacred selections by William Boyce, William Billings, John Taverer and Gregg Smith, along with Italian folk songs, American sea shanties and spirituals, Penn State songs and a "Whistling Medley" by Anthony Walts.

The Glee Club will be joined by the Penn State Women's Chorus to perform Mozart's "Ave Verum," written in 1791 and considered his most perfect short choral work. The two groups also will perform "The Best of All Possible Worlds" from Leonard Bernstein's "Candide."



Marcia Bonita will discuss and sign her recent books as the featured author of the Penn State Bookstore from noon to 2 p.m. Friday, April 19.

Appointments



Robert J. Bresler

Robert J. Bresler, professor of public policy at Penn State Harrisburg, has been appointed head of the Division of Public Affairs.

In his new position, Dr. Bresler will be responsible for the public affairs graduate and doctoral programs as well as the undergraduate programs in public policy and criminal justice. He also will oversee the activities of the College's Institute for State and Regional Affairs.

Dr. Bresler's diversified background includes his position as national affairs editor for the magazine *USA Today*. He is the author of four books on American government and has written many articles and essays on the subject.

Cathy Eck has been named wellness coordinator for Penn State Erie, The Behrend College.

She will oversee a project funded by the Department of Education to provide alcohol, drug and wellness programs for Penn State-Behrend students, faculty and staff.

She has a strong background in planning and program development. Recently, she returned from a three-year project in the Njombe District of Tanzania, where she worked in a wide range of community development projects.

The recipient of a master's degree in international studies from Johns Hopkins University, she is president of the Erie Tanzania Project, which provides support



Cathy Eck

for educational and economic betterment in the East African country.

Cazella H. Goodall has been named director of constituent relations in the Division of Development and University Relations.

She is responsible for the direction and coordination of relations with the University's philanthropic benefactors, including recognition events, pledge reminders, Mount Nittany Society and donor lists.

Mrs. Goodall had been serving in the College of Health and Human Development as coordinator of the Otis Media Project, where she was responsible for public relations, staff organization and constituent relations.

She is a 1970 graduate of Wilson College and was employed by Chase Manhattan Bank as an assistant treasurer and also by Marine Midland Bank.

She is active in many civic and community service organizations in Centre County. She is past president of the Centre County Law League and past president of the Childbirth Education Association.

Debbie P. Jackson has joined the staff of Penn State Harrisburg as a student support counselor.

In this capacity, she is responsible for developing, coordinating and implementing service oriented programming. She also



Debbie P. Jackson

provides assistance to minority, adult, disabled, international and other student populations.

Mrs. Jackson holds a B.S. in business administration/management from Kutztown University, where she was the founder and president of Delta Alpha Phi Sorority, and member of the Student Government Board.

She is a member of the Pennsylvania College Personnel Association and American College Personnel Association.

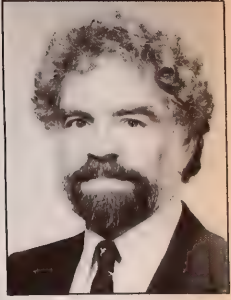
Ann Saxton, coordinator of workshops and special programs in the Office of Continuing Education at the Penn State Wilkes-Barre Campus, has been named area representative for continuing education at the campus.

She will be responsible for linking education and training resources of the University to area organizations.

A graduate of East Stroudsburg University with a B.S. degree in elementary education, she is a member of the National University Continuing Education Association, the Continuing Education Association of Pennsylvania, and the Luzerne County Council on Adult Higher Education.

Robert A. Schlegel, professor of molecular and cell biology, has been named head of the Department of Molecular and Cell Biology.

Dr. Schlegel succeeds **Jean Brenchley**,



Robert A. Schlegel

professor of microbiology, who stepped down as department head in 1987.

Reginald Deering, professor of biophysics, served as acting head from 1987 to 1989, and **Robert Bensch**, professor of biochemistry, was acting head from 1989 until Dr. Schlegel's appointment.

Prior to joining the University faculty as an assistant professor in 1976, Dr. Schlegel held postdoctoral positions at the Water and Eliza Hall Institute of Medical Research in Melbourne, Australia, and at the University of Utah. He earned a bachelor's degree in chemistry at the University of Iowa and master's and doctoral degrees in biochemistry and molecular biology at Harvard University.

He served as chair of the Eberly College of Science's Molecular and Cell Biology program from 1989 to 1990. Honored with the International Union Against Cancer Travel Award in 1988, he was an American Heart Association Established Investigator from 1983 to 1988 and a Jane Coffin Childs Postdoctoral Fellow from 1971 to 1974.

A council member of the International Cell Cycle Society and the International Society for the Use of Resealed Erythrocytes as Carriers and Bioreactors, Dr. Schlegel also is a member of the American Society for Cell Biology and the American Heart Association's Basic Science Council.

Noted agricultural economist to open lecture series

Vernon Ruttan, Regents' professor of economics and agricultural economics at the University of Minnesota, will be the premier lecturer in the College of Agriculture Distinguished Lecture Series, April 22-24, at University Park.

The series is designed to bring to Penn State a world-class scientist to interact with our faculty, staff and students, and the community." **Lamartine F. Hood**, dean of the College of Agriculture, said. Dr. Ruttan is a highly respected agricultural economist,

scientist and educator who will bring significant prestige to the series."

Dr. Ruttan says the world is completing one of the most dramatic transitions in the history of agriculture.

"Prior to this century, almost all the increase in food production was obtained by bringing new land into production. By the first decade of the next century, almost all increases in world food production must come from higher yields and more

intensive cultivation of areas already used for agricultural production."

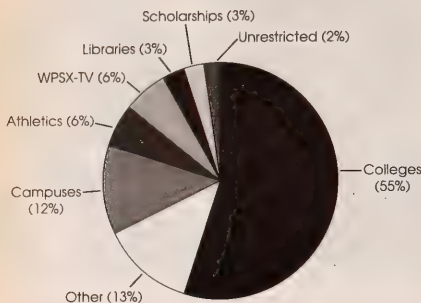
Dr. Ruttan says, as we move into the second decade of the 21st century, conventional technology will be inadequate to sustain the expected increase in food demand. But to take advantage of scientific advances in microbiology and biochemistry, we must reorganize the way we do agricultural research.

He will address these and other topics in three lectures to be held in 101 Agricultural

Sciences and Industries Building. At 8 p.m. April 22, he will present "Constraints on Agricultural Development: Into the 21st Century." April 23 at 8 p.m. he will discuss "Induced Technical and Institutional Innovation." His final lecture, at 11 a.m. April 24, is titled "Ethical Responsibility in Agricultural Research."

Admission is free. Informal receptions will follow the evening lectures, which are open to public.

Penn State 1989-90 Faculty and Staff Annual Giving by designation



This chart shows how faculty/staff contributions to the 1989-90 Faculty and Staff Campaign were distributed, based on employee designations. The 1990-91 campaign materials were mailed to University Park faculty and staff the week of March 18. Faculty and staff members are reminded to return responses as soon as possible. The campaign runs through May.

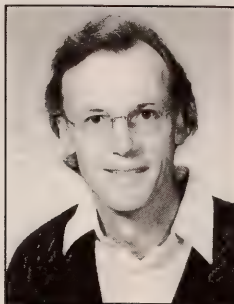
Pattishall award recipient will deliver honorary lecture

Alexander von Eye, professor of human development, will deliver an honorary lecture, "Asymmetry in Correlation and Symmetry in Regression" at 8 p.m. Thursday, April 25, in the HUB Assembly Room at University Park.

Dr. von Eye is a 1991 recipient of the Evan G. and Helen G. Pattishall Outstanding Research Achievement Award from the College of Health and Human Development. The award recognizes a college faculty member for outstanding research contributions occurring or culminating within the past several years.

A methodologist, Dr. von Eye is internationally regarded for his work in developing, refining, and applying methodologies in developmental research, and for his research in adult development and aging.

He has published six scholarly books on statistical methods for developmental research. He focuses particularly on the use of categorical variables—variables that describe individuals using distinct categories rather than continuous scales. (Interest profiles and psychiatric diagnoses are examples of categories.) Dr. von Eye has been a faculty member in the Department of Human Development and Family Studies since 1985. Previously,



Alexander von Eye

he was an assistant professor and research scientist at the University of Trier, Germany.

The research award was endowed by Evan G. Pattishall Jr., dean emeritus of the former College of Human Development, and his wife, Helen, a 1985 graduate of the college.

News in Brief

Risk Theory Seminar

Top researchers in insurance from Europe and across the United States will gather at Penn State for the 1991 Risk Theory Seminar, April 19-21.

It will be the first time in the seminar's 26-year history that the event will be held at the University. A program of the American Risk and Insurance Association, the exclusive seminar brings together some 35 insurance experts who qualify for participation by successfully defending a paper before their peers.

The 1991 Risk Theory Seminar is coordinated by Arnold F. Shapiro, holder of the Robert G. Schwartz Fellowship of Business Administration and a faculty member in The Smeal College of Business Administration.

Livestock exposition

The 74th Little International Livestock Exposition will be held Saturday, April 20, at the Ag Arena, across from Beaver Stadium at University Park. The free event is sponsored by the Block and Bridle Club.

The event, nicknamed the "Little I," gives students a chance to compete for awards and display their skills at grooming, preparing and showing beef cattle, sheep, swine and horses. All the animals in the show are from livestock herds maintained at Penn State.

This year's Little I is dedicated to Keith Bryan, instructor in dairy and animal science, in recognition of his outstanding service to the Block and Bridle Club and other student activities.

Lecture on China

Daniel Southerland, *Washington Post* correspondent assigned to Beijing from 1985 to 1990, will give a lecture titled "Tiananmen and China Through a U.S. Reporter's Eyes" at 7:30 p.m. Monday, April 22, in Room 101 of the Kern Graduate Commons at University Park.

While in China with the *Post*, Mr. Southerland was bureau chief with the responsibility for coverage of China, Hong Kong, and Taiwan.

His lecture is sponsored by the Center for East Asian Studies and the student-run East Asian Studies Society. For further information, contact the Center at 865-1698 or 863-0970.

Sigma Xi initiation

Sigma Xi, The Scientific Research Society, will hold its spring initiation ceremony at 3:30 p.m. Wednesday, April 24, in the Assembly Room of the Nittany Lion Inn at University Park. The ceremony will mark the first time that undergraduates have been admitted to the Penn State Chapter.

Sigma Xi Distinguished Lecturer

Melvin Kranzberg will give the initiation address, "Technology is the Answer, But That's Not the Question." A reception will follow in the Fireside Lounge. All Sigma Xi members are invited.

Dairy exposition

The 60th Penn State Dairy Exposition will be held Saturday, April 27, beginning at 8:30 a.m., in the Ag Arena at University Park.

Sponsored by Penn State's Dairy Science Club, the day-long event gives students practical experience fitting and showing university dairy cattle. More than 60 students drew their cows by lottery last month and have spent the last few weeks preparing their animals for the competition.

This year's expo is dedicated to Dieter Krieg, editor and publisher of *Farmshine*, a weekly newspaper that devotes much attention to dairy issues in Pennsylvania. Mr. Krieg, a Penn State dairy science graduate, was chosen in recognition of his support of the Commonwealth's dairy industry and Penn State's dairy programs.

Pattie Library hours

Normal hours for Pattie Library at University Park have been extended for final exam week as follows:

Friday, May 3: Reserve and East

Pattie (floors 1-4) will remain open until midnight; Saturday, May 4: All areas that are normally open on Saturday will open at 8 a.m. Reserve and East Pattie (floors 1-4) will remain open until midnight; Sunday, May 5: All areas that are normally open on Sunday will open at 9 a.m. Reserve and East Pattie (floors 1-4) will remain open until 2 a.m.

Monday, May 6 through Thursday, May 9: Reserve and East Pattie (floors 1-4) will remain open until 2 a.m.; Friday, May 10: Reserve and East Pattie (floors 1-4) will remain open until midnight; Saturday, May 11: All areas that are normally open on Saturday will open at 8 a.m. and close at 5 p.m.

For further information, regarding Pattie's normal hours of service, please call 865-3063.

UTS final exam hours

The Spring Semester final exam period runs from Monday, May 6, through Saturday, May 11. University Testing Service will be open to receive work from 8 a.m. to 5 p.m. on Monday through Friday. On Saturday, May 11, hours will be 9 a.m. until 1 p.m.

Please submit recording rosters before finals, if possible. Recording rosters submitted during finals receive a lower work priority than jobs on answer sheets.

Focus on Research

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Intercom
April 18, 1991

Space flight research

Penn State/Soviet study shows space flight selectively depresses the immune system

Exposure to near weightlessness in space has differing effects on T-cells, depending on the cells' location in the body, a Penn State/Soviet team has concluded.

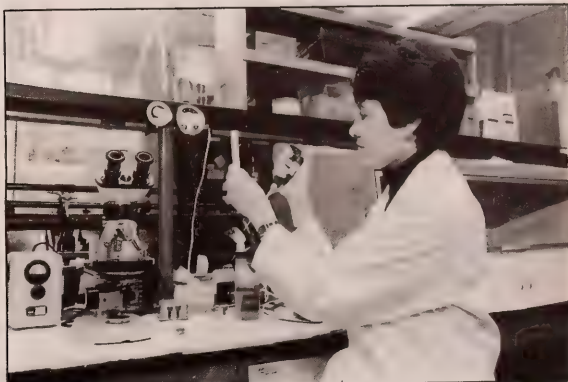
T-cells are the white blood cells that are the immune system's "search and destroyers."

European researchers had previously reported that space travel decreased one aspect of human immunity because microgravity depressed the rate at which T-cells taken from astronauts' blood multiplied. However, a Penn State/Soviet team did not find a similar effect in T-cells taken from the lymph nodes of five rats flown for two weeks aboard the Soviet Biosatellite Cosmos 2044 mission.

The Penn State/Soviet study was the first to examine microgravity effects on the immune system using lymph nodes. The Penn States were **Andrea Mastro**, professor of microbiology and cell biology, and **Patricia Nash**, research technician. The Soviets included two teams from the Soviet Academy of Medical Sciences in Moscow, **Irena Konstantinova** and **Andre Lesnyak**, Institute of Biomedical Problems, and **Boris Fuchs** and **Alexander Rakhmilovich**, Institute of Human Morphology.

The results have been accepted for publication in the *Journal of Applied Physiology*.

Dr. Mastro noted that less than 1 percent of the T-cells circulate in the blood. Most T-cells



Andrea Mastro (Photo: Greg Grileco)

reside in the lymph nodes and spleen. A team of Soviet researchers examined spleens from Cosmos 2044 rats and found effects similar to those found in T-cells taken from human blood.

She believes that all of the blood, spleen and lymph node data taken together indicate that microgravity has an effect on the immune system. However, "there's no answer yet to the question of how far reaching that effect is, or how important it would be in the very stressful situation that spaceflight represents," she said.

Dr. Mastro speculated that the difference observed in tissue-based cells versus those circulating in the blood could signal the ability of the immune system to adapt to spaceflight.

"It could mean that if we had looked at the lymph nodes after a shorter period of exposure to microgravity, we would have seen an effect," she added.

Dr. Mastro also is associate director of the University's Center for Cell Research, a NASA

Center for the Commercial Development of Space. She noted that eventually the immune system's response to microgravity might be used as a model for aging and the lowered immunity suffered by some cancer patients and those with AIDS.

"As people age, aspects of their immune response decrease very much like the effects seen in space," the University researcher said. "Some of the other effects of space, including bone loss and muscle atrophy, are also very similar to aging. So we may be able to think of space as a way to get a 'fast peek' at aging."

In cooperation with industry, Center for Cell Research scientists investigate whether the biological changes caused by microgravity mimic earth-based medical conditions closely enough to be used to evaluate potential new therapies.

— Barbara A. Hale

"As people age, aspects of their immune response decrease very much like the effects seen in space. Some of the other effects of space, including bone loss and muscle atrophy, are also very similar to aging. So we may be able to think of space as a way to get a 'fast peek' at aging."— Andrea Mastro

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0004). Applications for these staff vacancies will be accepted until April 25. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applicants for staff vacancies are considered in accordance with Fair Employment practices (FEI) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

***01439. Journals Manager, Senior Vice President for Research and Dean of the Graduate School, University Park Campus** - Responsible to the director, University Press, for the general administration, editing and production, subscription, and marketing activities associated with management and operation for the Press. Requires bachelor's degree or equivalent, plus one to two years of effective experience in journal, magazine, or book publishing. STAFF GRADE 6.

***01440. Contracts and Proposals Specialist, Senior Vice President for Research and Dean of the Graduate**

School, Sponsored Programs and Contracts Office, University Park Campus - Responsible to the associate director for meeting the requirements of the University and the various Federal agencies with respect to the preparation and submission of proposals. Requires bachelor's degree, or equivalent, in business with some accounting training plus over four years up to and including seven years of effective experience. Familiarity with University and governmental accounting procedures and policies desirable but not required. STAFF GRADE 8.

***01441. Group Supervisor, Health and Human Development, Human Development and Family Studies, University Park Campus** - Responsibilities include planning and supervising activities for preschool children, ages 2 1/2-4, planning and coordinating a parent involvement program supervising University preprogram students and classroom assistants. Requires bachelor's degree in early childhood education, child development or appropriate field and at least two years' relevant experience. A master's degree is preferred. STAFF GRADE 5.

***01442. Assistant Director of Business Services, Ogonic Campus, Business Services** - Responsible to the director of business services for providing administrative and operational support in all aspects of the Business Services operations. Requires bachelor's degree, or

equivalent, in administration of justice, engineering, business administration, or related field plus one to two years of effective experience. STAFF GRADE 6.

***01443. Administrative Assistant, Behrend College, Plastics Technical Center** - Responsible to the director, Plastics Technical Center, for monitoring instructional and research budgets, assisting in grant proposals, providing liaison between the Center and clients, and general office management for the Center. Requires associate degree, or equivalent to two years of college, plus two to four years of effective experience in office management, budget coordination etc. This is a fixed-term position funded for six months. STAFF GRADE 5.

Hershey

For the following position vacancies, apply directly to The Milton S. Hershey Medical Center. Attach resume with cover letter indicating the position, vacancy code and forward to the Department of Human Resources, Hershey or call the Hershey bid line at (717) 531-8531 by April 25.

***17375. Emergency Medical Services Coordinator, Department of Emergency Medical Services** - Responsible to the assistant manager of pre-hospital and light services, for the coordination of public relations programs for Life Lion, continuing education and training of light team and pre-hospital

providers. Requires a bachelor's degree or equivalency plus one to two years of effective experience. Certification as a paramedic or health professional in advanced cardiac life support and pediatric advanced life support required. STAFF GRADE 5.

***19915. Clinical Head Nurse, Department of Nursing/Pediatrics** - Responsible to the nursing manager and/or the assistant director of nursing services for performing a variety of nursing duties, as well as providing leadership to nurse clinicians and other patient care personnel. Requires a registered nurse with a current license to practice professional nursing in Pennsylvania, plus one to two years of effective nursing experience. BSN preferred. STAFF NONEXEMPT, GRADE 5.

***19973. Clinical Head Nurse, Department of Nursing/Obstetrics** - Responsible to the nursing manager and/or the assistant director of nursing services for performing a variety of nursing duties, as well as providing leadership to nurse clinicians and other patient care personnel. Requires a registered nurse with a current license to practice professional nursing in Pennsylvania, plus one to two years of effective nursing experience. BSN preferred. STAFF NONEXEMPT, GRADE 5.

***17383. Psychiatric Social Worker II, Department of Inpatient Psychiatry, Division of Geriatric Psychiatry** - Responsible to the unit director, Department of Psychiatry, for provision of the psychiatric social work services within the unit and serves as part of the mental health team in providing counseling for mentally and emotionally disturbed patients and their families. Requires a master of social work degree from an accredited college or university or equivalency plus 1-2 years of effective experience. STAFF GRADE 6.

***17385. Medical Social Worker II, Department of Social Services** - Responsible to the social services coordinator for providing inpatient and outpatient medical social services practical help, and emotional support to patients and their families. Requires a master of social work degree from an accredited college or university, or equivalency plus 1-2 years of effective experience. STAFF GRADE 6.

***17386. Hospital Mortician, Department of Anatomic Pathology** - Responsible to the chief, Mortuary Services and Surgical Pathology Laboratory, and handling details associated with patients' deaths. Two years of college plus successful completion of a program offered by a certified school of mortuary science, a Pennsylvania State Funeral Director's License, plus 1 to 2 years effective experience required. STAFF GRADE 6.

Bookshelf

Alan A. Block, professor of administration of justice, is the author of *Masters of Paradise: Organized Crime and the Internal Revenue Service in The Bahamas*, published by Transaction Publishers, Rutgers University, New Brunswick, N.J.

Masters of Paradise is the story of organized crime's penetration of the islands and the corruption of its high officials during the time The Bahamas became politically independent of Great Britain.

It describes secret U.S. Internal Revenue Service operations aimed at American criminals involved in Bahamian-based tax scams and similar crimes.

"The main links in international cocaine traffic were forged in the Bahamas in the 1960s and 1970s in full view of American law enforcement officials," Dr. Block says. "Because the IRS failed to act decisively then, drug-smuggling has grown enormously with the help of a sophisticated financial infrastructure."

Masters of Paradise discusses Operation Tradewinds and Project Haven, secret IRS investigations designed to gather information on American criminal activities in the Bahamas.

Undeclared War: Twilight Zone of Constitutional Power, by **Edward Keynes**, professor of political science, has been re-issued in a

paperback edition

"After only three days of debate, the Congress voted reluctantly to authorize President Bush to use military force to carry out U.N. Security Council Resolution 678," Dr. Keynes says. "Caught between constituency pressure and a sense of duty to support the president, both Democratic and Republican leaders left their cohorts free to 'vote their conscience.'"

However, long before the Congress voted to support the president, Americans were entitled to a debate of the foreign policy decisions leading to war, he adds.

Since 1979, Dr. Keynes says, every American president has evaded the requirements of the War Powers Act of

1973 by labeling the troops as "a peace-keeping force."

In *Undeclared War*, he thoroughly analyzes all the legal challenges to President Johnson's conduct of the Vietnam War in light of British constitutional history, the framing of the American Constitution, and judicial decisions from 1800 through the Korean War.

He contends that the Supreme Court has led the nation into the "twilight zone of concurrent power" - encouraging the legislature and the executive to fuse their separate powers of war and defense into a national war power whose only standard is the extraconstitutional one of success on the battlefield."

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7517.

William E. Campbell Jr., Editor
Deborah A. Benedetti,
Assistant Editor
Kathy Garman, Calendar

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INTERCOM

April 25, 1991

Volume 20, Number 30

Senate expresses 'displeasure' over travel changes

In a unanimous vote taken April 10, the University Faculty Senate approved a resolution expressing its "displeasure and disappointment over the recently announced changes in University travel policy."

The Senate Council measure, presented by Philip A. Klein, liberal arts Senator, states, in part: "(The Senate urges that all policies pressuring faculty, staff or graduate students to use selected travel agencies within any campus area be rescinded forthwith until the travel policy can be rescinded with Faculty Senate participation."

Dr. Klein noted that all faculty members are interested in "maximizing the travel we get for our travel dollars, but it is not clear that lower fares are obtained through the two preferred travel agencies (Omega World Travel and Center for Travel).

"The case for new travel restrictions has not been made convincingly to the faculty. My basic economics tells me that monopolies stifle competition," Dr. Klein, professor of economics, said.

During the 1990-91 academic year, the Senate has been concerned with changes and proposed changes in travel policies. On

Jan. 22, Senators passed a resolution opposing "any University policy that would mandate the use of preferred travel agencies by faculty and staff traveling on University business."

As a result, Travel Services withdrew its proposal insisting on faculty/staff use of mandated travel agencies. In its place, Travel Services announced a plan to implement a direct-billing system and to limit the use of cash advances for travel to faculty/staff using the preferred agencies. Faculty/staff using other travel agencies do not receive reimbursement for travel until they return from their trip.

"It is clear that Travel Services, despite all the protests and the debate in the Senate, has no intention of giving up its general approach, which is to favor two travel agencies. Their most recent policy revisions (announced March 6) are contrary to the spirit and intent of the Senate's resolution," the Senate Council report states.

In other action:

— the Senate approved legislation to modify policies governing enrollment of high school students in credit courses.

Among other things, the revised policy eliminates the need for the applicant to specify that the content of the coursework is not available at the student's high school.

— the Committee on Commonwealth Campuses/Continuing Education reported on retention and retention of minority students at campuses other than University Park. The committee found that campuses in rural locations with relatively small minority populations are able to recruit minority students at a level equal to or greater than that of the general population. Availability of campus housing impacts on the success of recruiting minority students, the committee found.

— the Committee on Faculty Affairs' report on note-taking services, which recommended the University administration develop a policy statement on the educational objectives of note-taking and the legal parameters of note-taking in an educational setting, was approved.

— the Committee on Student Life reported on the Commonwealth Educational System Enhancement Fund and provided a written report on Ernest L. Boyer's *Campus Life: In Search of Community*.

— James Smith announced election results for the 1991-92 Senate.

Senate officers: **James Smith**, liberal arts, Penn State Ogonitz Campus, chairperson-elect; **Robert Pangborn**, engineering, secretary.

Faculty Advisory Committee to the President: **Donald Rung**, science.

Faculty Rights and Responsibilities: University Park faculty — **Judd Arnold** and **Deborah Atwater**, liberal arts; **Gary Fosmire**, health and human development (alternate); non-University Park faculty — **Cara-Lynne Schengrand**, biochemistry, Hershey; deans — **John Brighton**, engineering; **Anne Petersen**, health and human development (alternate).

Standing Joint Committee on Tenure: **Louis F. Geschwindner**, engineering; **Kevin J.H. Berland**, liberal arts (alternate).

University Promotion and Tenure Review Committee: **Gerard A. Hauser**, liberal arts; **Robert J. Heinsohn**, engineering; **Shirley Marchalonis**, liberal arts; **Peter A. Throver**, earth and mineral sciences.



Sculptures dedicated

Internationally renowned artist-philosopher Frederick Franck speaks at dedication ceremonies on Friday, April 19, for three of his outdoor sculptures installed at University Park. Two of the sculptures are at Eisenhower Chapel and the third is at the Materials Research Laboratory. See story and photo on page 4. (Photo: Greg Grieco)

Research Initiation Grants are awarded to faculty members

Twenty-one faculty members have been awarded one-year Research Initiation Grants. The awards were made from the program which was established to encourage and support research and other creative work by new faculty.

Faculty members awarded grants and the grant titles are: **Kevin D. Alloway**, assistant professor of neuroscience and anatomy, "Thalamocortical Interactions in the Rat"; **Ali Borhan**, assistant professor of chemical engineering, "Evolution of Microstructure in Melt Processing of Bimetallic Composite Materials"; **Altai H. Carim**, assistant professor of ceramic science and engineering, "Advanced Specimen Preparation Techniques for Transmission Electron Microscopy (TEM)"; **Ying-Ying Chien**, assistant professor of comparative literature and women's studies, "Metamorphoses of the 'New Women': Western Feminism and Modern Chinese Literature"; **Robin Ciardullo**, assistant professor of astronomy, "CCD Photometry

See "Research" on page 2.

Focus on Diversity

Diversity Opportunities Calendar

Friday, April 26

Paul Robeson Cultural Center, 8 a.m. to 5 p.m., Robeson Center Gallery. Photographic exhibit: "Women of Courage," through May 8.

Men of Color of Central Pennsylvania, 5:30 p.m., Days Inn Hotel. Monthly social. For information, contact Aaron Singleton, 865-7517.

Tuesday, April 30

Professional Women at Penn State, 11:45 a.m. to 1 p.m., Frizzell Room, Eisenhower Chapel. Brown bag lunch meeting.

Wednesday, May 1

International Programs, 3:30 p.m., 222 Boucke. Reception for international exchange students and education abroad participants.

Thursday, May 2

Women of Color, noon, Nittany Lion Inn. Monthly luncheon meeting. For information, contact Vicki Gong, 865-7517.



'Conscious, Concerned and Committed'

Taking part in "Conscious, Concerned and Committed," an open forum at University Park sponsored by the Black Caucus, are, from left, Grace Hampton, vice provost; Cynthia Baldwin, president of the Penn State Alumni Association; and Cecile Springer, member of the University's Board of Trustees. (Photo: Greg Grieco)

Paintings donated to Robeson center

Three pastel paintings have been donated to the Paul Robeson Cultural Center by artist Shirley Bernreuter.

Ms. Bernreuter is a Penn State class of 1933 graduate. State College resident and wife of Robert Bernreuter, Penn State vice president for student affairs emeritus who retired in 1966.

The untitled paintings are portraits of Black American/African-American former Penn State students.

Lawrence W. Young, Paul Robeson Cultural Center director, said the paintings will be displayed permanently in the center's gallery along with paintings by nationally known Penn State-connected artists Robert Wilder, John Biggers, Richard Mayhew and Murray DePillars.

Photo: Greg Grieco



Art collection

A collection of African-American art by artists Jenae Williams, Gathoni Kamau, Bruce Fair, Leah Finch, Susan Lashley, Darrel Johnson, Beverly McIver, and Dori Lemeh is on display through May 12 in Pattee Library's African-American Studies Room.

WPSX-TV program

For decades, there has been a controversy over who actually discovered the North Pole. It was widely believed that Robert Peary, a white admiral, made the historic discovery. However, recent findings indicate that Matthew Henson, the Black American explorer who accompanied Peary's expedition, got there first.

On Tony Brown's Journal, airing at 11:30 a.m. Sunday, April 18, Allen Counter,

The exhibit includes works of various artistic styles, with paintings and sculptures made from acrylic, graphite, pastel, mixed media, watercolor, metal, and oil. Portraits of black women in black and green cloth; a detailed pencil, pen and ink map of Africa, and a gold metal abstract sculpture are just a few of the works on display.

author of *North Pole Legacy: Black and White and Eskimo*, addresses the controversy.

Faculty/Staff Alert

Holiday schedule

The Memorial Day Holiday will be observed officially by the University on Monday, May 27. Independence Day falls on Thursday, July 4. Classes will not be in session on either of those days.

Research

Continued from page 1.

of Planetary Nebulae Nuclei with Penn State's Black Moonborn Telescope".

Premal Desai, assistant professor of electrical engineering, "Adaptive Trajectory Control of Robot Manipulators"; **Bertrand D. Eardly**, assistant professor of science, "Estimating the Genetic Structure in Diverse Natural Populations of *Rhizobium*";

Gregory K. Farber, assistant professor of chemistry/molecular and cell biology, "Evaluating the Laue Method of Data Collection Using Firefly Luciferase"; **Charles Fisher**, assistant professor of biology, "Ecological Physiology and Growth of *Teuconia vermiculata*, a Hydrothermal-

Vent Tube-Worm"; **Jawaid Haidar**, associate professor of architecture, "Children's Museums: An Inquiry into Issues in Architectural Design"; **William E. Higgins**, assistant professor of electrical and computer engineering/bioengineering, "Automatic Generation of Image Segmentation Processes for 3-D Medical Images"; **Patricia Lyons Johnson**, assistant professor of anthropology and women's studies, "Nutrition and Fertility Among the Gaij of Papua New Guinea"; **Nirmalya Kumar**, assistant professor of marketing, "The Nature of Reseller Commitment: Its Antecedents and Consequences"; **Jonathan Lynch**, assistant professor of plant nutrition, "Photosynthetic Nitrogen Use Efficiency in Wild Beans"; **Romolo Martemucci**, associate professor

of architecture, "Biagio Rossetti: Modern Architectures First Urbanist"; **Peter K. Rogan**, assistant professor of pediatrics, "Mechanism of Genomic Rearrangement in the Prader-Willi Syndrome"; **Peggy Seiden**, associate librarian, "Developing an Infrastructure for Cataloging Information Resources Available Through National Networks"; **Barbara A. Shaw**, assistant professor of engineering science and mechanics, "An Environmentally Safe Biofueling Control Method Utilizing Surface Shear Waves Generated by Piezoelectric SAW Devices"; **Mark Stonking**, assistant professor of anthropology, "Molecular Genetic Variation in Amerindian Populations"; **S. Thomopoulos**, associate professor of electrical engineering, "Direct Adaptive

Robust Control: A Novel Specification-Based Design Approach"; and **Hanna Van Campen**, assistant professor of veterinary science, "Endothelial Cell Resistance to Injury by Endotoxins".

Partings

Clara A. Packer, guest room attendant at the Nittany Lion Inn, from Dec. 1, 1966, until March 30.

James A. Dean, maintenance and repairman at the Nittany Lion Inn, from April 24, 1955, until March 30.

Willard E. Reearick, plumber-fitter, Office of the Physical Plant, from Aug. 21, 1972, until April 20.

Harvard professor will give Chemerda lectures

Richard C. Lewontin, Alexander Agassiz professor of zoology at Harvard University, will give the 1991 Chemerda Lectures in Science April 29 through May 1 at University Park. The four-lecture series, titled "Contingency and Necessity in Evolutionary Change," is sponsored by the Eberly College of Science and is free to the public.

The schedule: "The Ambiguity of Proteins," 8 p.m., Monday, April 29, 112 Buckhout Laboratory; "Breaking the Impasse with DNA," 4 p.m., Tuesday, April 30, 8 Mueller Laboratory; "Studying the Diversity of Evolutionary Scenarios," 4 p.m., Wednesday, May 1, 8 Mueller Laboratory; and "Biology as a Social Weapon," 8 p.m., Wednesday, May 1, 105 Forum Building.

Dr. Lewontin is well known for his work in three areas, including classical population genetics, molecular population genetics, and the philosophy of science and its social implications. His 1974 book, *The Genetic Basis of Evolutionary Change*, was an inspiration for a generation of evolutionary geneticists and is now considered a classic in illustrating the depth of evolutionary thought.

He has spearheaded the effort to understand evolution by examination of "variation" among individuals in DNA sequence.

Dr. Lewontin has been a Fellow of the American Academy of Arts and Sciences since 1965 and a member of the American Eugenics Society's board of directors since 1966. From 1968 to 1971, he was a

member of the National Academy of Sciences. He served as president of the American Society of Naturalists from 1982 to 1983 and as president of the Society for the Study of Evolution from 1969 to 1970. In 1980, he was a visiting professor at the College de France.

He holds a bachelor's degree from Harvard and master's and doctoral degrees in zoology from Columbia University. The University of Paris presented him with an honorary doctorate of science degree in 1983.

The Chemerda Lectures in Science are named in honor of John M. Chemerda, a member of Penn State's class of 1935. The lectures are supported by a grant from Merck & Co. Inc., made in connection with an award conferred upon Mr. Chemerda by Merck's board of directors.



Richard C. Lewontin

News in Brief

Seminar on rural hospitals

John Seavey, associate professor of health management and policy, University of New Hampshire, will speak on "Small Rural Hospitals and the Elderly" at 2 p.m. Wednesday, May 1, in E101 Henderson Building at University Park. His presentation is sponsored by the Center on Aging and Health in Rural America and the Center for Health Policy Research.

Open house

The Center for Academic Computing invites interested faculty and staff to an open house at the Computer Building at University Park from 9 a.m. to 4 p.m. Wednesday, May 1.

The open house features two new initiatives: The CBEL-Teaching and Learning Technologies Group in newly-renovated quarters, and the opening of the Center's new Workstation Evaluation Laboratory.

CBEL staff will be demonstrating some of the latest teaching and learning products and capabilities, including interactive videodisk, HyperCard, ToolBook, and multi-media productions.

Speech and hearing screenings

To aid in prevention of communication disorders, the Speech and Hearing Clinic will be holding free speech, language and hearing screenings from 1 to 7 p.m. Friday, May 3, and from 9 a.m. to 5 p.m. Saturday, May 4. The screenings are being co-sponsored by the Pennsylvania Department of Health's Hearing and Speech Program and the State College Kiwanis Club in honor of Better Speech and Hearing Month.

The speech and language screenings will be conducted for preschool children and the hearing screenings will be conducted for children birth to 21 years of age. Appointments can be made by calling the Clinic at (614) 865-5414.

For further information, contact Patti

Hergenreder, project coordinator, at (614) 863-2017.

First DUS scholarships

For the first time in its eighteen-year history, the Division of Undergraduate Studies (DUS) has recognized its leading students with scholarships. **Stacey Bronstein** and **Christopher Mahdik**, University Park Campus; and **Susan Kapalko** and **David Knighton**, Worthington Scranton Campus, have each received a \$250 award and a certificate of recognition.

The 1990-91 DUS scholarships were made possible by a gift from *La Vie*, the Penn State yearbook.

Candidates for the scholarships were full-time sophomores enrolled in the division who spent at least one semester in DUS during their freshman year. The recipients were selected on the basis of their academic achievement and leadership in Penn State and community activities.

Healthpass chairman

John E. Madewell, chairman of the Department of Radiology at the Hershey Medical Center, has succeeded **John A. Waldhausen** as chairman of the Healthpass Inc.

As board chairman, Dr. Madewell will provide administrative direction to the various business activities of Healthpass Inc.

Research subjects sought

George Havenith, visiting scholar from the Netherlands, is investigating the effects of age and fitness on the physiological reactions to work in the heat.

He needs several subjects - males and females between the ages of 30 and 75, from unfit to fit, lean to obese - to participate in an experiment. Participants will receive a free physical examination and undergo a graded exercise test to determine their cardiovascular condition.

In addition to the physical, participants will visit Noll Lab at University twice: for a two-hour heat exposure test and a half-hour underwater-weighing procedure.

For more information, call Noll Lab at 863-0045 or W. Larry Kenney at 863-1672.

Preschoolers sought

Preschoolers between the ages of 2 and 5 and their parents are needed to participate in a consumer taste test of American cheese slices. The test will be held at the Department of Food Science at University Park and will only take about 20 minutes to complete.

Both parent and child will receive a coupon for a free ice cream cone at the Creamery. If interested, please call Sally Zimmerman at 863-7783 between 10 a.m. and 2 p.m. Monday through Friday.

Summer ideas for school-agers

The Summer School-age Child Care Program listing is now available. The publication includes information on child care, summer camps, park and special training programs on the University Park Campus and in surrounding areas.

The listing is available by calling: Child Care Program Services, 865-5886.

IPO report

The Intellectual Property Office reports that a New York federal court recently held that research proposals submitted to federal agencies can be obtained by third parties and that such proposals could constitute "prior art" and bar or invalidate a future patent.

The New York case, litigated between DuPont and Cetus, involves the revolutionary polymerase chain reaction (PCR) recombinant DNA technology. DuPont claimed that a NSF grant proposal was a "public document," as it was available to the public under the

Freedom of Information Act. The Court agreed.

According to IPO, the case points out the need to adequately identify and protect confidential or potentially patentable invention disclosures contained in government research proposals. The IPO can assist in enabling faculty to identify potentially patentable inventions in grant proposals and to obtain the greatest protection for this information currently available under applicable federal regulations and statutes.

Dow Jones databases

Now available to members of the University community from the publishers of *The Wall Street Journal* are the Dow Jones News/Retrieval databases.

The databases consist of business and world news; company and industry information; stock market quotes, statistics and commentaries; and other services. A dedicated microcomputer with online access to this new service has been set up in the General Reference Section of Pattee Library. There is no fee for searching these files.

Other databases on Dow Jones News/Retrieval provide access to comprehensive current and historical market data.

For more information, contact Christine Avery at 863-7451.

DuBois gets NSF grant

The Penn State DuBois Campus is implementing a National Science Foundation matching grant of nearly \$13,500 to incorporate Geographic Information Systems (GIS) into the wildlife technology program.

The project was funded through the foundation's Instrumentation and Laboratory Improvement (ILL) program and will be directed by **H. Glenn Hughes**, associate professor of wildlife technology.

Focus on the arts

Outdoor sculptures

Three outdoor sculptures by an internationally renowned artist-philosopher were dedicated on Friday, April 19, at the Eisenhower Chapel and the Materials Research Laboratory at University Park.

The sculptures are by Frederick Franck, internationally recognized for his work and author of some 20 books, including the best-selling *The Zen of Seeing*. A former associate of Albert Schweitzer in Africa, he also served as the official artist for Vatican II.

Two sculptures, "Death and Transfiguration" and "Hiroshima: The Unkillable Humans," are installed at the chapel, and the third, "Seven Generations," is at the Materials Research Laboratory.

The artwork was obtained through a gift from Helen Boyle and Mary Boyle of Oil City. Friends of the sculptor, under the direction of Rustum Roy, founding director of MRL.

Cancellation

Joseph Brodsky, Russian emigre poet and winner of the Nobel Prize for literature in 1987, will not read his poetry April 26, as previously scheduled, due to an illness in his family.

The Arts on Channel 3

A new WPSX-TV/Palmer Museum of Art Artworks production "The Machines of Leonardo da Vinci," hosted by Tom Foral, will air at 10:30 p.m. Friday, April 26, and at 2:30 p.m. Sunday, April 28, on WPSX-TV. Featuring models which have been built using only da Vinci's notebooks and sketches, the program focuses on the artist's aesthetic as well as mechanical genius.

No one who has seen a work by artist Richard Haas forgets it. Haas is the architectural painter whose mammoth illusionary murals cause double-takes in cities all over the world. **Painting the Town**, airing at 9 p.m. Tuesday, April 10 profiles the artist behind these grand impressions and explores the effect this art has on the people who see it.

Chestnut Brass

The Chestnut Brass Company, a five-member brass ensemble will perform at 3 p.m. Sunday, April 28, in Schwab Auditorium at University Park.

The performance, sponsored by the Center for the Performing Arts and Peoples National Bank, is part of the Wide-Eyed Wanderers series designed especially for children.

Chestnut Brass is acclaimed internationally as the only ensemble to use both historical and modern brass instruments. The ensemble plays sackbuts, valve trombones, trumpets and many others, while telling the story of brass instruments.

Tickets are \$5 for adults and \$3 for students and can be purchased at the Eisenhower Auditorium Ticket Center



'Death and Transfiguration' (Photo: Greg Grieco)

Pianist to perform

Pianist Timothy Shaler will perform at 8 p.m. Sunday, April 28, in the School of Music Recital Hall at University Park.

The program will include Liszt's Sonata in B minor, two sonatas by Domenico Scarlatti and Sergei Prokofiev's Sonata No. 7 in B flat.

Mr. Shaler, a member of the University piano faculty since 1980, is an active recitalist.

Percussion ensemble

The Penn State Percussion Ensemble will perform in concert at 8 p.m. Tuesday, April 30, in the School of Music Recital Hall at University Park.

The 12-member ensemble, directed by John Rack of the School of Music, faculty will be joined by guest artist Mike Shepherd to perform "Stick Games" by James Riley.

The program features an early work for percussion titled "Pulse," written by Henry Cowell in 1939 for John Cage's Percussion Group. Also on the program is Cage's "Third Consequences." Mallet percussion will be featured in Hovhannes' "October Mountain," Prelude and Dance by LoFreschi and Bossa Pequeno by Fraxer.

Byzantine art

Anthony Cutler, research professor of art history, will present "The Significants of Byzantine Art" at 8 p.m. Tuesday, April 30, in 112 Walker Building at University Park.

The lecture is last in "The Art of Interpreting" series organized by Dr. Cutler and sponsored by the Department of Art History and the Institute for the Arts and Humanistic Studies.

Dr. Cutler has been named resident in art history at the American Academy in Rome for the spring of 1992. He is a fellow of the Society of Antiquaries, London, and of the Institute for the Arts and Humanistic Studies.

Odyssey on WPSX

On "A Public Conversation," the next episode of "Odyssey Through Literature," special critic Ivan Illich argues that a radio interview is not a conversation, but an act of prostitution.

Technically, this is intellectual intercourse of two people locked into this lonely studio with a glass window separating us from the listeners, and a machine which looks through the keyhole seeing how they do it," he says.

"Odyssey Through Literature" is produced by the Department of

Comparative Literature in the audio-production studios of WPSX-TV. It airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Concert of new music

The School of Music presents a concert of new music by student composers at 8 p.m. Wednesday, May 1, in the Music Building Recital Hall at University Park.

The program includes works for chorus, string quartet, mixed chamber ensemble, piano and organ and will be performed by various ensembles and soloists.

Bach's Lunch

Ten students from the voice studios of Richard Davis and Richard Kennedy of the School of Music will perform in concert at 12:10 p.m. Thursday, May 2, in Eisenhower Chapel at University Park.

The 20-minute concert is last in the Bach's Lunch Concert Series sponsored by the School of Music and the University Lutheran Parish.

The program will include arias and duets from operas by Buzel, Mozart, Rossini and Thomas.

'Construction ball'

Hard hats and work gloves are optional attire for an evening of dining and dancing at the Under Construction Ball sponsored by the Friends of the Palmer Museum of Art at 7 p.m. Friday, May 10, in Holuba Hall at University Park.

Throughout the evening, a wide variety of donated items will be auctioned to raise money for educational programs and artistic events at the Palmer Museum. A sample of items to be auctioned includes a weekend cruise on the Chesapeake Bay and a stay in a vacation home in Naples, Fla. A

Lana Raup and Cathy Zangrilli are the chairpersons for the ball. Tickets are \$100 per person and include cocktails, dinner, dancing and a contribution to the museum. For tickets, please call (814) 865-7672.

See more arts on page 6.

The arts at...

Beaver Campus

The Penn State Beaver Campus Library is currently hosting "Ethnic Images in Advertising," a traveling exhibit co-sponsored by The Balch Institute for Ethnic Studies and The Anti-Defamation League of B'nai B'rith.

The exhibit is comprised of ethnic images employed by the American advertising industry to sell products during the past century. Samples of magazine ads, trade cards, product labels, movie posters and songsheet covers are featured.

"Ethnic Images in Advertising" will be on exhibit in the Beaver Campus library through May 3.

University Park Calendar

April 25 -

May 5

Special Events

Thursday, April 25

Bach's Lunch, 12:10 p.m., Eisenhower Chapel.
Mozart Chamber Orchestra.
School of Music, 8 p.m., Recital Hall. Da Ponte
Trio, with pianist Marylene Dosse.

Friday, April 26

■ Penn State Ukrainian Club/Dept. of Slavic
Languages, memorial service on 5th anniversary
of Chernobyl disaster, 3 p.m., Eisenhower
Chapel.

Geog. Coffee Hour, 4 p.m., 319 Walker. Roger
Downs on "Sesame Street" Does
Geography: A Big Bird's-Eye View of Our
Discipline.

"Ice Rhythms," 7:30 p.m., Ice Pavilion. Also
April 27, 7:30 p.m.

Shaver's Creek, 7:30-9 p.m., Pa. Folklore. Call
863-2000.

School of Music, 8 p.m., Recital Hall.

Saxophobus Quartet

Center for the Performing Arts, 8 p.m.

Eisenhower Aud. Philadelphia Orchestra.

Saturday, April 27

Shaver's Creek, 8-11 a.m., Warbler Walk; 1-4
p.m., Trail Stewards. Call 863-2000.

66th Penn State Dairy Exposition, 8:30 a.m., Ag
Arena.

School of Music, 8 p.m., Schwab Aud. Penn
State Glee Club

Sunday, April 28

Sy Barash Regatta, 10 a.m.-5 p.m., Bald Eagle
State Park

Shaver's Creek, 2-4 p.m., Honey Factory. Call
863-2000.

Center for the Performing Arts, 3 p.m.

Schwab. Chestnut Brass Co.

Carnegie Hall Film Series, 7 p.m., *Meet Me in
St. Louis* (1944); 9 p.m., *Franny* (1972), 108

Wartik Free.

School of Music, faculty recital, 8 p.m., Recital
Hall. Timothy Shaffer, piano.

Monday, April 29

Comp. Lit. Luncheon, 12:15 p.m., 101 Kern.
Davida Charney on "The Literature of
Science: How Scientists Read and Write
Scientific Discourse."

Tuesday, April 30

Professional Women at Penn State. brown bag
lunch, 11-45 a.m., Frizzell Room, Eisenhower
Chapel.

■ Art of Interpreting Lecture Series, 8 p.m., 112
Walker. Anthony Cutler on "The
Signatures of Byzantine Art."

Wednesday, May 1

■ International Programs, 3:30 p.m., 222
Boucke. Reception for international
exchange and education abroad students.

Thursday, May 2

Bach's Lunch, 12:10 p.m., Eisenhower Chapel.
Voice students of Richard Davis and
Richard Kennedy.

Friday, May 3

Classes end 9:30 p.m.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5-
6:30 p.m.; Saturday and Sunday, 5-6 p.m.;



The Chestnut Brass Company, a five-member brass ensemble, will perform at 3 p.m.
Sunday, April 28, in Schwab Auditorium. The event is part of the Wide-Eyed Wonders Series.

Morning Edition, Monday-Friday, 6-8 a.m.
Weekend Edition, Saturday and Sunday, 11
a.m.-1 p.m. "Odyssey" through Literature,"
12:30 p.m. Wednesdays, with S. Leonard
Rubinstein.

Conferences

Continuing Education

Keller Building

April 29. Well Control Refresher Course
Stanley Supon, chair; Norm Lathbury,
coordinator

April 29-May 2. Elements of Mine Electrical
Systems. Jeffery Kohler, chair, Barb
Impellitteri, coordinator.

April 29-May 3. Police Supervisors In-Service
Training. Ed Donovan, chair, Kathy
Karchner, coordinator.

April 30-May 2. Motor Fleet Maintenance
Management. Kent Addis, coordinator.
May 3-5. Diesel Equipment in Underground
Coal Mining. R.V. Ramani, chair; Norm
Lathbury, coordinator.

May 3-5. Postmaster Development Seminar.
Jeri Milsom, coordinator.

Seminars

Thursday, April 25

Physics Colloquium, 3:30 p.m., 55 Osmond.
Dr. Michael Turner, Univ. of Chicago, on
"Formation of the Structure in the
Universe."

Graduate Program in Ecology, 3:45 p.m., 8
Mueller. Joseph Miller on "Landscape
Patterns and Biotic Community
Characteristics."

Friday, April 26

Electrical and Computer Engineering, 2 p.m.,
123 Electrical Engineering. H.L. Grubin,
Scientific Research Associates Inc., on
"Numerical Experiments on Semiconductor
Devices and Structures."

Agronomy, 3:35 p.m., 107 Ag
Science/Industries. Laura Lengnick on
"Seasonal Nitrogen Dynamics in a Corn
Cropping Sequence Supplied with Organic
and Inorganic Nitrogen Sources."

EIF, 4 p.m., 339 Davey. Dr. Steve Fricke,
Univ. of Ill., on "Recent Results from CDF."
Monday, April 29

Entomology, 3:35-4:45 p.m., 204 Patterson.
Fred Walters.
Chemedra Lectures in Science, 8 p.m., 112
Buckhart. Dr. Richard C. Levontin,
Harvard, on "The Ambiguity of Proteins."

Also 4 p.m., April 30, 8 Mueller; 4 p.m., May
1, 8 Mueller; 8 p.m., May 2, 105 Forum.

Tuesday, April 30

Physics Colloquium, 3:30 p.m., 55 Osmond.
Dietmar Seyverich, MIT, on "Silicon Ceramics
with a Dash of Boron."

Geosciences Colloquium, 3:45 p.m., 112
Walker. Ross Stein, USGS, Menlo Park, on
"Blind Faults in Surface Faults."

Condensed Matter Lectures, 4 p.m., 339 Davey.
Dr. Steve Rossnagel, IBM, on "High-Density
Plasmas, ECRs, Helicon and Magnetrons"

Wednesday, May 1

CAHRA seminar, 2 p.m., E101 Henderson. Dr.
John Scavay, Univ. of New Hampshire, on
"Small Rural Hospitals and the Elderly."
Engineering Science and Mechanics, 3:35-4:30
p.m., 315 Hammond. Dr. Nicolaus Row,
Ingénierie, Tests on Environment Spatial,
France, on "A Method for Updating Finite
Element Models."

Bookshelf

The eighth edition of *Introduction to
the Foundations of American
Education*, by Victor Dupuis,
professor of education, has been
released by Allyn and Bacon
Publishers.

The book, co-authored by James
Johnson and John Johansen, both of
Northern Illinois University, strives to
provide students with a thorough
understanding of both the classical
and contemporary learning issues that

Thursday, May 2

Physics Colloquium, 3:30 p.m., 55 Osmond.

Dr. Moses H.W. Chan on "The Effect of
Disorder and Random Impurity on a
Superfluid and Liquid-Vapor Transition"
Computer Science Colloquium, 4 p.m., 325
Whitmore. J.N. Hooker, Carnegie Mellon,
on "Resolution vs. Cutting Plane Solution of
Interference Problems. Some Computational
Experience"

■ Meteorology and Earth System Science

Center, 4 p.m., 111 Kern. Richard A.
Anthes, Univ. Corp. for Atmospheric
Research, on "Global Change — Toward an
Unprecedented Climate in the lifetime of
our Children"

Friday, May 3

Agronomy, 3:35 p.m., 107 Ag
Science/Industries. John Pullack on
"Tectonogeomorphology of the Pa. Piedmont."

Exhibits

Chambers Gallery

Art Education Graduate Students exhibition,
through April 26

HUB Gallery

Formal Gallery:
■ "Tough and Tender: The History of German
Rock Music," through April 28

Kern Gallery

Marlee Frwin, watercolors, "Essentially Irs,"
through May 3

Pattice Library

Lending Services Gallery:
Mark A. Delort, "New Developments,"
through April 21

Rea Books Room:

Texts in Classical Latin, "Selections from the
Iliad" and "Barbara Lock Goodman
Collection," May 3-31

Zoller Gallery

Master of Fine Arts Thesis Exhibition, April
24-May 9

Tips

Information Penn State

Call 863-1234, press 1 and enter the number of
the message you wish to hear. Messages are
listed in the front of the telephone
directories. Other messages are Weather—
234, Arts I me—345, University Calendar—
456.

■ Reflects an international perspective

will guide their future classroom
practices. Included with the book are
a variety of supplements, including a
study guide, transparencies, test bank
and computer-driven classroom
manager, lesson plans, videotapes,
and a text of classic and
contemporary readings about
educational issues.

First published in 1969, this book
has served as a benchmark for
foundations courses nationwide, with
an estimated circulation of 500,000
pre-service teachers.

College Bowl Club team will compete in championship

A University team is heading for a national championship in Chicago on April 26, but instead of a contest of might, this team will be joined in a battle of the minds.

Now ranked nationally in the top 10, Penn State's College Bowl Club team defeated Moravian, Georgetown, George Washington, Maryland and Johns Hopkins to become regional champion.

"The variety sport of the mind that enjoyed TV popularity in the 1950s and 1960s, College Bowl is still alive and well at colleges and universities across the country, and especially at Penn State," said J. David Grebos, assistant director for programs in the Office of Union Programs and Operations. He also is club adviser.

The team has finished in the top four

regionally for the past several seasons, but is particularly strong this year," he added. "Once questions focused on trivia, but now they are quite academic and require a broad knowledge of science, humanities and the arts."

For example, the question "If a knight is on chlorine, where could he land next?" requires knowledge of chess and the periodic table of the elements. (The knight could land on helium, nitrogen, arsenic, tellurium or xenon.) All questions are screened through the Association of College Unions International, which sponsors the national bowl program.

Team members **Blaine Lankford**, a senior in molecular and cell biology and president of the club, **Nainan Koover**, a

graduate student in computer science, **Peter Stone**, a sophomore in political science, and **Michael Fomire**, a junior in physics, must face defending champions from the University of Minnesota. They also will compete against the University of Virginia, whose team they have already beaten this season. Williams, Cornell, Penn, Georgia State, Michigan, Illinois, Wisconsin, Rice, Utah, Northeast Missouri State, Washington University of St. Louis, Oregon, and Stanford.

The competition consists of two types of questions. Individual test questions, such as "Vibrations of the uvula produce what sound?" require speed and often are answered before the examiner finishes the

question. (Vibrations of the uvula produce snoring.)

All team members can contribute to the more complex team questions such as "What is the sum of the beginning of the 'Hundred Years' War and the discovery of radioactivity, multiplied by the eruption of Krakatau?" (The 'Hundred Years' War began in 1337, radioactivity was discovered in 1896 and the volcano on Krakatau in Indonesia erupted in 1883. The answer is 6,087,739.)

"With all the attention on Penn State's power in sports, it's nice to know that our Brain Team is also a national powerhouse and soon may be Number One," Mr. Grebos noted.

Obituaries

Thomas R. Caldwell Sr., 44, senior systems analyst-technical support, Computer and Information Systems-Management Services, died April 10.

He graduated from Williamsport High School and received an associate degree from Williamsport Area Community

College and a bachelor's degree from Penn State in 1984.

He joined the University staff July 19, 1976.

Betty A. Carter, medical technologist, University Health Services, from Oct. 1, 1964, until her retirement Oct. 1, 1981, died March 7. She was 73.

J. Herbert Zimmers, agronomy technician, Department of Agronomy, from May 1, 1954, until March 1, 1970, died March 13 at the age of 86.

Marie B. General, clerk, accounting, College of Engineering, from Sept. 15, 1958, until her retirement Jan. 4, 1986, died March 17 at the age of 65.

William W. Rhoades, vending machine services, Housing and Food Services, from March 19, 1958, until his retirement April 1, 1979, died March 21. He was 73.

Rilla M. Keller, stenographer, Physical Education and Athletics, from Feb. 14, 1920, until her retirement Nov. 1, 1956, died March 25 at the age of 94.

Focus on the arts

Pattee exhibits

Lending Services Gallery

An exhibition titled "From Conscious Structure to Unconscious Structure" by Rachael Phelps is on display in Pattee Library's Lending Services Gallery through May 26.

The exhibition represents the progression of the artist's work throughout the past year.

East Corridor Gallery

The exhibition "Layers" is on display in the East Corridor Gallery through May 24.

It is a compilation of works by State College Area Senior High School students in the Master Studio Art class and by their fine art instructor, Robert Placky.

Rare Books Room

The University Libraries' Rare Books Room announces upcoming exhibits: May 3-31, "Texts in Classical Latin: Selections from the Leonard S. and Barbara Lock Goodman Collection;" June 10-July 1, "Marbled and Decorated Papers," and July 8-Aug. 15, "History of Rhetoric and Rhetoric Textbooks."

'Art to Go'

The Palmer Museum of Art and Peoples National Bank of Central Pennsylvania are collaborating in an outreach project to bring art from the Museum's permanent collection to the public.

Each month, a different piece from the Museum's collection will be displayed at the bank's Calder Way and Allen Street branch in State College.

The first piece, on display beginning May 1, is a Tz'u Chou jar by a potter from the early Ming Dynasty (1368-1644). The jar takes its name from the Tz'u Chou region of China, one of several which produced a gray or buff stoneware popular with the merchant class of the time.

The public is invited to view a new piece each month.

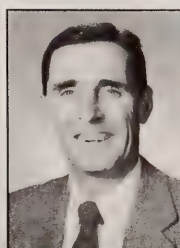
Chamber music workshop

The music of Beethoven, Brahms, Mozart and others will fill the air June 12 to 16 during the sixteenth annual Chamber Music Workshop in the Music Building at University Park.

The workshop will feature a series of lecture-performances by the Alard String Quartet. Workshop participants also will engage in freeloading evening sessions.

Information about program content may be obtained by calling the Alard String Quartet Office at (814) 238-3909. Anyone interested in registering for the conference should contact Kent Addis, 863-1740.

25-year award recipients



Observing 25 years of service at the University are, from left, Beverly Fisher, secretary A in the Department of Architecture; Sandee Greene, programmer, IRIS Program Office, Computer and Information Systems/Management Services; James W. Lundy, director of

business and marketing, Center for Cell Research, Eberly College of Science; Kenneth A. McGeary, director of continuing education at the Penn State Allentown Campus; Lloyd Niemann, manager, Utility Systems Engineering, Office of Physical Plant.

Focus on Research

Intercom
April 25, 1991

Appalachian Mountains

Researchers find the once majestic Appalachian range topped the Rockies

Easterners may finally have a suitable retort to snide remarks comparing the Appalachians' puny height to that of the Rockies, according to two University researchers.

The ancient Appalachians were higher than the modern Rockies, closer in stature to the central Andes.

The researchers have roughly calculated that, during the middle Permian Period, 260 million years ago, the average height above sea level of the Appalachians in the central Atlantic region was 14,000 feet. The highest portion of the Rockies is only about 14,000 feet, while the central Andes are mostly above 13,000 feet, with peaks reaching to 16,500 feet.

The problem with the Appalachian Mountain chain is that over the past 260 million years, the mountains have eroded, leaving rounded remains of once majestic peaks. The Rocky Mountains as known today are much younger, created by an event only 5 million years ago.

Rudy L. Slingerland, professor of geology and Kevin P. Furlong, associate professor of geosciences, have taken two models previously used by other researchers and linked them to estimate the height of the Appalachians.

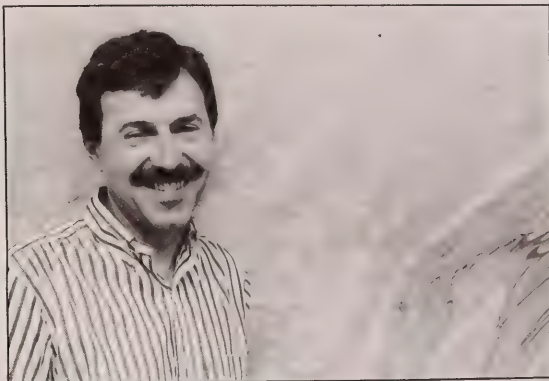
Dr. Slingerland explains that it is not possible to simply determine the erosion rate of a mountain at a kilometer per million years, for example, and multiply by 260 million years to discover the original mountain height.

"Mountains are like icebergs, floating in the denser mantle with large portions below sea level," he says.

"As material erodes off the top, the mountain becomes more buoyant and rises. As the Appalachians erode, the whole chain slowly rises."

The Appalachian Mountains were created by the African continent colliding with the North American continent, beginning in the Pennsylvanian Period 320 million years ago, when all the Earth's continents came together to form one large super continent — Pangea. The mountains formed when the edge of Africa thrust horizontally over the edge of North America, locally thickening the lithosphere — the rigid outer shell of the Earth.

The Himalayan Mountains, the tallest range in the world, were formed by a later, but similar continental collision.



The geologic map of Pennsylvania shown behind Rudy L. Slingerland illustrates the process of thickening of rocks and folding that created the Appalachian Mountains. (Photo: Greg Grieco)

The first requirement for estimating the past height of the Appalachians is to determine how much material was in the mountains.

"When the lithosphere thickened, the excess crust or load sank until the weight of the mountain and the buoyancy force of the mantle were equal, in the same way the ice on a frozen lake will bend to support an automobile," Dr. Slingerland says. "A cone of depression, like a moat, formed around the mountains. Material eroding off the mountains filled this basin."

Those sediments are still preserved on the western side of the Appalachians in Pennsylvania, he says.

"We can measure the thickness of sediments of a particular age and determine how big the depression was at any time in the past. Because the depression's size is proportional to the size of the load, we can then estimate the thickness of the crust at that time and place."

"We also know that it took high temperatures to form the anthracite coal fields in the eastern portion of Pennsylvania," he adds. "We know that it would have taken at least 5.6 miles of overburden above the coal fields to produce the temperatures necessary to make anthracite."

Knowing how much material was in the mountains does not indicate the shape of the mountains or how much, as in icebergs, is above sea level.

According to Dr. Slingerland, the type of mountain building that took place in the Appalachians is analogous to the building of a wedge of snow or soil in front of a bulldozer blade. As the bulldozer moves forward, material entering the toe builds up until it reaches a critical slope. Once the slope is reached, the material falling off the slope is equal to the material entering the toe.

"In the case of mountains, the balance is between erosion off the top and material entering the mountain through crustal thickening. The mountain wedge will grow until the rate of erosion is equal to the rate of crustal thickening. This is the equilibrium height and the highest that the mountains will ever get."

Combining the amount of material that was in the mountains with the geometry of the mountain determined from the wedge model, the researchers can calculate the equilibrium height of the mountains. Because the necessary values are not always precise, they used a Monte Carlo simulation, which provides a range of solutions, rather than a single solution.

"Assuming a dry climate and shallow basal slope of the accretionary wedge, the most probable width and cross-sectional average height of the central Appalachians are 160 miles and 14,000 feet, respectively," they concluded.

— Andrea Elyse Messer

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304). Applications for these staff vacancies will be accepted until May 2. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment Practices (FPE) and in compliance with the University's Alternative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

***01400. Research Programmer, Computer and Information Systems, Center for Academic Computing, University Park Campus** - Responsible to the manager of numerically intensive computing for code optimization and development and application software support. Requires bachelor's degree or equivalent in computer science or related discipline and two to three years of effective experience in computationally oriented research. A master's degree in these disciplines is preferred. A strong background in computational modeling

familiarity with VM/CMS and UNIX is desired. Familiarity with one or more of the following also is desired: Fortran, C programming techniques in vector and parallel processing. Experience in programming optimization for supercomputers, mainframes, and workstations desirable. **STAFF GRADE 3**

***01451. Coordinator, Sports Nutrition Program, Interscholastic Athletics, University Park Campus** - Responsible for the development of a comprehensive program of sports nutrition in the Center for Sports Medicine. Collaborate with team physicians, and provide educational services and nutritional counseling for the 28 men's and women's varsity sports teams. Requires bachelor's degree, or equivalent, and registered dietitian plus one to two years of effective experience in sports nutrition counseling to men and women athletes. A master's degree is preferred. **STAFF GRADE 3**

***01452. Senior Drafter, Electromechanical, Applied Research Laboratory, ARL Operations, University Park Campus** - Responsible to the supervisor, Design and Drafting, for the accurate performance of a variety of drafting operations on all types of drawings for electronic, electrochemical, mechanical, hydraulic and acoustic equipment and devices, and for checking the drawings of drafter, electro-mechanical. Requires associate

degree, or equivalent, in electromechanical drafting with one to two years of effective experience. U.S. citizenship required. **STAFF GRADE 4**

***01453. Assistant Manager, Food Services, Housing and Food Services, University Park Campus** - Responsible to manager of food services for assisting in supervising the overall operation of a food service unit which will include daily operations of technical service and student employees. Maintain high standards of food preparation, service and sanitation. Must operate within budget and food cost allotments while supervising all food preparations and services in the unit. Requires bachelor's degree, or equivalent plus one to two years of effective experience. **STAFF GRADE 5**

***01454. Administrative Aide, Arts and Architecture, Department of Theatre Arts, University Park Campus** - Responsible to the head, Department of Theatre Arts, for handling a wide range of administrative responsibilities relating to the academic and production programs of the Department of Theatre Arts. Requires bachelor's degree, or equivalent, plus one to two years of effective experience in administration. Experience in theatre administration preferred. Excellence in communication and interpersonal skills required. **STAFF GRADE 3**

***01455. Writer-Editor, University Arts Services, Center for the Performing Arts, University Park Campus** - Responsible for writing copy for brochures, print ads, newsletters, and radio and television scripts, for producing radio and television sports with contracted talent, and for participating in creative campaigns for marketing campaigns. Requires bachelor's degree, or equivalent, in journalism or related field and one to two years experience in writing for publication. Excellent communication and organizational skills are required. Familiarity with word processing essential. **STAFF GRADE 5**

Hershey

For the following position vacancies apply directly to The Milton S. Hershey Medical Center. Attach resume with cover letter indicating the position vacancy code and forward to the Department of Human Resources, Hershey, or call the Hershey bid line at (717) 531-8531 by May 2.

***17381. Recreational Therapist, Department of Nursing Psychiatry, Division of Geriatric Psychiatry** - Responsible to chief, Psychiatric Inpatient Unit, for the organization and conduct of a therapeutic recreational program in the unit to facilitate and complement the total psychotherapeutic treatment

program for patients with emotional disorders. Requires a bachelor's degree in recreational therapy or equivalency plus 12 years of effective experience. **STAFF GRADE 6**

***14702. Reimbursement Analyst, Department of University Physicians Professional Billing** - Responsible to the assistant director for reimbursement for developing and maintaining a proficiency in third party reimbursement as it relates to physician billing. Requires a bachelor's degree or equivalent in business administration or related field with 1-2 years of effective experience in physician third party reimbursement and automated billing procedures. Proficiency with Symphony or Lotus spreadsheets and excellent PC skills desired. **STAFF GRADE 6**

***17394. Coordinator Medical Record Services, Department of Medical Records** - Responsible to the manager, Medical Record Services, for the day-to-day coordinating of the Medical Records Department second shift to include supervising and overseeing the work flow. Requires graduation from an approved medical record technician program or equivalency plus one to two years of effective experience including supervisory experience in a medical record department. **STAFF GRADE 5**

Survey research also governed by federal regulations

University faculty members are reminded that survey research is a form of human subjects research that also is governed by federal regulations.

The Human Subjects Institutional Review Board (IRB), made up of faculty, staff, and community representatives, has been approved by the Office for Protection from Research Risks at the National Institutes of Health to review all University research proposals for compliance with federal regulations on the use of human subjects.

The Office for Regulatory Compliance, formerly the Office for the Protection of Human Subjects, coordinates IRB activities and provides letters of assurance for all

human subject research approved by the IRB.

While regulations governing survey research are somewhat less restrictive than those that govern riskier forms of human subject involvement, there are several basic requirements that survey research methods must fulfill in order to honor the rights of the subjects involved.

According to the Office for Regulatory Compliance, the first factor to be considered in survey research is subject anonymity.

While anonymity is not required for all types of survey research, anonymous surveys are capable of delving into subject

areas that may otherwise be considered by the IRB to be unwarranted invasions of personal privacy.

A second consideration of survey research is informed consent of the subjects.

The Office for Regulatory Compliance recommends that surveys should always include a cover letter or introductory paragraph that outlines: the purpose of the research; the name of the researcher and a means of contacting that individual; how and when the results of the research will be made available to the participants; and a statement informing all potential subjects that their participation is voluntary and that

they are free to deny answers to any and all questions.

The Office for Regulatory Compliance, located in 115 Kern Building at University Park, can provide advice and submissions forms for researchers requesting IRB approval for the use of human subjects in any University project.

Carpooler

Sharon needs a ride from Penns Valley to University Park. Her work hours are 8 a.m. to 5 p.m. Call 863-0618 or 349-8843.

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William E. Campbell Jr., Editor
Deborah A. Benedetti,
Assistant Editor
Kathy Garman, Calendar

April 25, 1991
Vol. 20, No. 30

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INTERCOM

May 2, 1991

Volume 20, Number 31

Almost 7,550 will receive degrees at commencement

Almost 7,550 students will receive degrees at the 1991 spring commencement exercises at the University's campuses.

According to estimates, the total includes 5,898 baccalaureate degrees, 742 associate degrees and 907 advanced degrees, 69 of which are medical degrees from the Milton S. Hershey Medical Center.

At University Park, about 5,300 students will receive baccalaureate degrees. 41 will receive associate degrees, 572 will receive master's degrees, and 178 will receive doctoral degrees.

Each of University Park's colleges and the Graduate School will conduct individual ceremonies on Saturday, May 18 and Sunday, May 19. Commencement speakers will include distinguished business, academic and government leaders. They are:

-- **Sen. Cacao Fattah**, senator of Pennsylvania's 7th Senatorial District in Philadelphia, College of Education.

Mr. Fattah is a first term State Senator and has served six years in the State House of Representatives. He is Democratic chair of the Senate Education Committee and member of the Finance, Housing and Urban Affairs committees.

See Page 3 for a schedule of commencements.

-- **Steven B. Fink**, assistant of Lexicon Communications Corporation, for the College of the Liberal Arts.

Mr. Fink is one of the nation's leading authorities on crises management. Author of *Crisis Management: Planning for the Inevitable*, he served on the crises management team for former Gov. Dick Thornburg during the Three Mile Island incident.

-- **Richard E. Grubb**, senior vice president and dean of the Commonwealth Educational System, for the College of Agriculture.

Dr. Grubb began his career at Penn State in 1961 and was named senior vice president for administration in 1979. He served as Pennsylvania Secretary of Agriculture from 1985 to 1987. He was named to his present position in 1989.

-- **David R. Jones**, assistant managing editor and editor of the national edition of the New York Times, for the School of Communications.

A Penn State Distinguished Alumnus and

an Alumni Fellow of the School of Communication. Mr. Jones is responsible for monitoring New York metropolitan news, sports and special projects for the Times, where he has worked for almost 30 years.

-- **George B. Kleindorfer**, professor of quantitative business analysis, The Smeal College of Business Administration.

Dr. Kleindorfer, whose research and teaching range from management simulation and math to the environment and public policy, also teaches courses in the philosophy of science and the humanities. This spring, he received the 1991 Penn State Teaching Fellow Award.

-- **Thomas D. Larson**, head of the Federal Highway Administration, for the College of Engineering.

Dr. Larson was appointed administrator in 1989 and is responsible for overall management, including the Federal Aid Highway Program. A former Penn State faculty member, he served as Pennsylvania

Secretary of Transportation from 1979 to 1987.

-- **Shirley M. Malcom**, head of the Directorate for Education and Human Resources Programs of the American Association for the Advancement of Science, for the College of Science.

Dr. Malcom was named head of the directorate in 1989 after serving as program head for the AAS Office of Opportunities in Science from 1979 to 1989. She is responsible for AAS programs in education, activities for underrepresented groups and public understanding of science and technology.

-- **Lowell L. Manfull**, professor of theater arts, for the College of Arts and Architecture.

Dr. Manfull, a producer, director, writer and actor for more than 40 years, has taught courses from dramatic criticism and literature to theory and playwrighting. He has served as artistic coordinator for the Department of Theatre Arts and coordinator of graduate studies and as a judge for national and regional collegiate auditions.

-- **William C. Richardson**, president of

See 'Commencement' on page 3.

Groundbreaking ceremonies held for museum expansion

President Thomas, presiding at groundbreaking ceremonies April 23 for the expansion of the Palmer Museum of Art, announced the successful completion of the campaign to raise private support for the project.

Following a \$2 million lead gift from James R. and Barbara R. Palmer of State College in 1986, more than 140 donors contributed nearly \$5.7 million to the project.

The expansion, designed by Charles W. Moore, recent winner of the Grand Gold Award from the American Institute of Architects, will be completed by the winter of 1992 and open in the spring of 1993. Included in the expansion will be nine new galleries to house the permanent collection of the museum and traveling exhibitions, a new auditorium, expanded lobby and public spaces and a state-of-the-art climate control system to protect the collection.

"The support we have received from alumni, friends, and corporations from the outset of this project has been quite gratifying," Kahren Arbitman, museum director, said. "Finally, it is time to turn years of planning into something concrete. I

cannot wait to be surrounded by chain-link fence and huge pieces of construction equipment."

James Moeser, dean of the College of Arts and Architecture, noted the expansion had helped to give the museum an exceptionally bright future. "For the last five years we have been dreaming, planning and working for this day," he said. "With this excellent expansion of the Palmer Museum of Art, we are on the way to national prominence."

Marian U. Coppersmith-Fredman, president of the University's Board of Trustees, and James and Barbara Palmer also participated in the groundbreaking. The shovel used to turn the first spade of earth was a handmade Centre County antique shovel from the collection of Roy C. Buck, professor emeritus and noted expert on Centre County antiques.

The architectural firm working in conjunction with Moore was Arbones, King and Associates of Stony Creek, Conn. The principals of the firm are Glen Arbones, Richard King and Sandra Vlock.

See other private giving stories on page 9.



James Moeser, dean of the College of Arts and Architecture, speaks at groundbreaking ceremonies for the expansion of the Palmer Museum of Art. With him are, from left, Barbara and James Palmer, who provided a \$2 million lead gift for the project, Kahren Arbitman, museum director; President Thomas, and Marian U. Coppersmith-Fredman, president of the University's Board of Trustees. (Photo: Greg Grieco)

Focus on Diversity

By Women of Color

Award recipients are announced

The Central Pennsylvania Women of Color has announced the 1991 recipients of its Achievement Awards.

Vicki Fong, manager of the news bureau in the Department of Public Information, received the Humanitarian Achievement Award. **Izetta Denson**, entrepreneur and owner of Izetta's Hair Styling Salon in State College, received the Professional Achievement Award.

Ms. Fong has served as coordinator of the Women of Color for two years and a member of the Equal Opportunity Planning

Committee and several other University committees and subcommittees on diversity and gender issues. Currently, she also is the adviser for the Asian American Student Coalition.

Ms. Denson has been in business for more than 13 years. Prior to that, she was manager of the Regis salon in State College for five years. She attended the Empire Beauty School and the South Hills Business School and holds a teaching certificate for hairstyling with the Commonwealth of Pennsylvania.

WPSX to present Jewish humor program

Great Performances will present an encore presentation of "The World of Jewish Humor," airing at 10 p.m. Friday, May 3. The program looks at Jewish humor in all its forms, from vaudeville and the Marx Brothers through the Catskills, the Golden Age of television, and "Saturday Night Live." Milton Berle, Neil Simon, Carl Reiner, Joan Rivers, Jackie Mason, and Billy Crystal are featured in the program.

Thirty-five years ago, Rock 'n' Roll grew out of the Black musical experience called

Rhythm 'n' Blues. To many, the father of R&B is Charles Brown, legendary musician, songwriter and vocal stylist. He inspired the careers of Ray Charles, Fats Domino and Little Richard, and was "shadowed" by some of the biggest white singers of his day.

On *Tony Brown's Journal*, airing at 11:30 a.m. Sunday, May 5, Charles Brown shares his musical genius and hidden memories at the piano with a live studio audience in Atlanta.

Diversity Calendar

Thursday, May 9

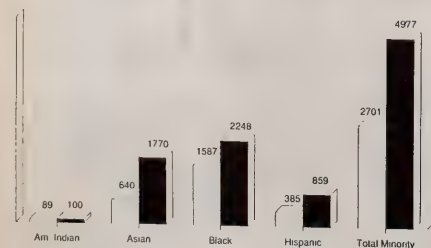
American Association of University Women, 6:30 p.m., Centre Hills Country Club. The 75th Anniversary Dinner and Honors Gala. Speaker will be Mary Purcell.

Lecture series

Mary Purcell, president of the International Federation of University Women, will speak on "Women's Role in a Changing Society" at 2:30 p.m. Thursday, May 9, in the International Lounge, 222 Boucke Building at University Park.

Her talk is part of the International Lecture Series.

MINORITY ENROLLMENT COMPARISON 1982 to 1990



1982 1990

Source: Budget and Resource Analysis

News in Brief

Phi Beta Kappa banquet

France Cordova, head of the Department of Astronomy, will deliver the Phi Beta Kappa address at the annual initiation banquet, at 7 p.m. May 17 at the Day's Inn-Penn State.

Carol Gay, president of Lambda chapter, will conduct the initiation ceremony.

All University faculty and staff who are members of Phi Beta Kappa are invited to attend the banquet and to participate in the activities of Lambda Chapter. Reservations may be made with Holly Shoemaker in 129 Sparks Building.

Officers for 1991-92, recently elected by Lambda Chapter, are **Arthur Goldschmidt**, president; **Marilyn Keat**, secretary; **Gabriele Michels**, treasurer; **Catherine Carter**, historian; **Judy Kelly** and **Phil Klein**, directors.

Workshops for secretaries

Helping secretaries take charge of multiple challenges will be the focus of two workshops at University Park in May and June.

The workshops, titled "Managing Conflict, Stress and Communication Challenges: Secretary in Charge Programs," will be held May 8 and June 4 at the Keller Conference Center.

Participants will focus on various techniques designed to help keep an office running smoothly, such as communicating successfully, resolving conflicts and maintaining interpersonal relationships. Topics also will include coping with stress, communicating under stress and pressure, coping with conflict successfully, developing negotiation skills and action planning.

Anyone interested in registering should contact Donna Ricketts, conference coordinator, at (814) 863-1743.

Supreme Court opinions

United States Supreme Court Opinions, in full text, are now available in electronic format to the University Libraries within eight hours of their release through the U.S. Government Printing Office's newly inaugurated Project Hermes Bulletin Board.

Depository libraries, of which the University Libraries is one, may use the Bulletin Board at no charge, but must pay the cost of the direct dial telephone call. Access to the Bulletin Board is free

to patrons and, for an added convenience to users, the opinions are available in ASCII format and can be downloaded to a disk and/or printed. This service is available in the Documents Section on the second floor of Central Pattee.

Basic skills conference

A nationally known educator who developed the study-group approach to achieving academic gains among minority and underprepared college students will be a keynote speaker at the Penn State Basic Skills and Learning Support Services Conference, May 13 and 14 at the Ramada Hotel in Altoona.

Uri Treisman, director of the Dana Center for Mathematics and Science Education at the University of California at Berkeley, will give a workshop, "New Trends in Basic Skills Programming in Mathematics and Science," from 1 to 3 p.m. Monday, May 13.

For more information on the conference schedule and fees, contact Brenda S. Townsend, Basic Skills Program, 208 Boucke Building, University Park, or call (814) 863-3740.

Waynick Memorial Lecture

Louis J. Lanzetta, of AT&T Bell Laboratories, will present the eighth annual Arthur H. Waynick Memorial Lecture, sponsored by the Communications and Space Science Laboratory, at 8 p.m. May 11 in Walker Building at University Park. He will discuss "Impacts of Solar-Terrestrial Activity on Technological Systems."

Dr. Lanzetta, an investigator on several NASA missions, was chairman of NASA's Space and Earth Science Advisory Committee and presently is chairman of the Space Studies Board of the National Research Council.

NSF grant

John I. McCool, assistant professor of industrial engineering at Penn State Great Valley, has received an equipment grant from the National Science Foundation for the acquisition of a state-of-the-art profile measurement system.

The fully computerized system, valued at \$50,000, permits the measurement of roughness topography to the millionth of an inch and is crucial to investigations of friction and wear in precision components such as bearings and gears.

Obituaries

Dorothy I. Lewis, counter attendant, Housing and Food Services, from Sept. 7, 1958, until her retirement April 3, 1971, died April 5 at the age of 84.

Gerald L. Garbrick, manager, Building Trades and Landscape, Office of the Physical Plant, from Aug. 15, 1955, until

his retirement, June 30, 1990, died April 4. He was 58.

Paul E. Rider, mechanic, experimental and maintenance, College of Engineering, from Oct. 1, 1947, until his retirement Jan. 8, 1982, died April 15 at the age of 65.

Thomas J. Donovan, flight instructor, Business Services, from Aug. 1, 1962, until his retirement Sept. 1, 1977, died March 25 at the age of 76.

Schedule of commencements

Following is a schedule of commencements at the University's campuses:

Allentown: No commencement.

Altoona: No commencement.

Convocation at 1 p.m. May 11, Community Arts Center.

Beaver: 7:30 p.m. May 17, Laboratory Classroom Building, A. Fred Kerst, president, Calgon Corp.

Berks: 8 p.m. May 16, Student Center Auditorium, Howard O. Beaver, retired chairman of the board, Carpenter Technology Corp.

Delaware County: 7 p.m. May 16, Library Learning Center, Theodore E. Kifer, interim dean, College of the Liberal Arts.

DuBois: 2 p.m. May 17, Multi-Purpose Building, Donald T. Hartman, campus executive officer.

Penn State Erie, The Behrend College: Noon May 18, Reed Lawn, Barry Weller, associate professor of economics.

Fayette: 10:30 a.m. May 18, J. Lewis

Williams Building Auditorium, Robert E. Eberly Sr.

Great Valley: 7 p.m. May 20, Rooms 107, 108, Lt. Gov. Mark Singel.

Penn State Harrisburg: 9:30 a.m. May 18, Founders Hall of the Milton Hershey School, State Rep. Peter C. Wambach.

Hazleton: 7 p.m. May 17, Physical Education Building, David Wagner, president of the Hazleton Educational Council.

Hershey: 1 p.m. May 19, Founders Hall of the Milton Hershey School, Barbara J. Culliton, deputy editor of Nature and visiting professor at Johns Hopkins University.

Mckeesport: 10 a.m. May 18, First Evangelical Free Church, McKeesport, State Sen. Albert Belan.

Mont Alto: 11 a.m. May 18, Campus lawn, Kathleen Woods, doctoral student at the Hershey Medical Center.

New Kensington: 7 p.m. May 16, Forum Theatre, Sen. Melissa Hart.

Ogontz: noon, May 17, Athletic Field, Larry Kane, WCAU news anchor.

Pennsylvania College of Technology: 2 p.m. May 18, Gymnasium, former University President Bruce Jordan.

Schuylkill: 7:30 p.m. May 16, Student Community Center, Michael Swank, cardiothoracic surgeon and former campus student.

Shenango: 7:30 p.m. May 17, Auditorium, Cecile Springer, University Trustee.

University Park, May 17: 4:30 p.m., University Scholars Medals Ceremony, Eisenhower Auditorium. 8 p.m., ROTC Commissioning, Eisenhower Auditorium.

University Park, May 18: 9:30 a.m., College of Health and Human Development, William Richardson, Recreation Building. 12:30 p.m., College of Earth and Mineral Science, William A. Schreyer, Eisenhower Auditorium.

1 p.m., College of Arts and Architecture, Lowell Manfull, Schwab Auditorium.

1 p.m., College of Engineering, Thomas Larson, Recreation Building. 3 p.m., Embury College of Science, Shirley M. Malcom, Eisenhower Auditorium.

4:30 p.m., Smear College of Business, George B. Kleindorfer, Recreation Building.

7:30 p.m., Graduate School, Luther S. Williams, Eisenhower Auditorium.

Sunday, May 19: 1 p.m., College of Education, Sen. Chaka Fattah, Eisenhower Auditorium. 1 p.m., College of the Liberal Arts, Steven B. Fink, Recreation Building.

3:30 p.m., School of Communications, David Jones, Eisenhower Auditorium. **Wilkes-Barre:** 6 p.m. May 17, Hayfield House south lawn, Al Boscov, president, Boscov's Department Store.

Worthington Scranton: 7 p.m. May 17, Multi-Purpose Building, Randy Kritikausky, president of Ecologia (Ecologists Linked for Organizing Grassroots Initiatives and Action). **York:** 8 p.m. May 10, Gymnasium, York Mayor William J. Althaus.

Commencement

Continued from page 1.

Johns Hopkins University and former executive vice president and provost of Penn State, for the College of Health and Human Development.

Frequently called on as a consultant and

leader in health policies studies, Dr. Richardson is a member of the Institute of Medicine of the National Academy of Sciences. He co-chairs the Commission on the Future of the Health Professions for the Pew Charitable Survey of the National Research Council-Institute of Medicine.

-- **William A. Schreyer**, chairman and chief executive officer of Merrill Lynch and

Co. Inc. and vice president of the University Board of Trustees, for the College of Earth and Mineral Science.

A 1948 Penn State graduate in commerce and finance and a Distinguished Alumnus, Mr. Schreyer became president of Merrill Lynch and Co. Inc. in 1982, chief executive officer in 1984 and chairman in 1985.

-- **Luther S. Williams**, assistant director

for education and human resources of the National Science Foundation, The Graduate School.

A biologist, Dr. Williams has taught at Purdue, Massachusetts Institute of Technology, University of Colorado and Washington University, where he also served as dean of the graduate School of Arts and Sciences.

Search committee appointed for Graduate School, research post

President Thomas has announced the names of a 13-member search committee charged with forwarding candidates to fill the position of senior vice president for research and dean of the Graduate School.

The committee will recommend individuals to President Thomas to fill the position currently held by Charles L. Hosler. The committee membership includes faculty, staff and students of the University.

Eva J. Pell, professor of plant pathology, has been appointed chairman of the committee, Dr. Thomas said.

Other committee members are:

Eunice N. Askov, professor of education; **Stephen J. Benkovic**, Evan Pugh professor of chemistry; **France A. Cordova**, head of the Department of Astronomy; **C. McCollister Everts**, senior vice president for health affairs and dean of the College of Medicine; **L.R. Hetteche**, director,

Applied Research Laboratory; **Dawn P.**

Jackson, graduate student at Penn State Harrisburg;

Stephen A. Newcomb, graduate student at University Park; **Robert W. Ott**,

professor of art education; **Daniel W. Pfaff**, associate dean of the School of Communications; **Rodney J. Reed**, dean,

College of Education; **Stanley H. Rosen**, Evan Pugh professor of philosophy;

Michael Sanyer, professor of human development and associate dean for research and graduate studies, College of Health and Human Development.

The search committee will advertise the search for a new senior vice president for research and dean of the Graduate School, and receive and screen applications and nominations. The committee will submit a list of candidates to the president and participate in the final interview schedule. The name of the top candidate must be forwarded by President Thomas to the Board of Trustees for approval.



Leonhard Center dedication

President Thomas, left, greets William E. Leonhard at the dedication of the Leonhard Center for Innovation and Enhancement of Engineering Education April 23 at University Park. The Leonhard Center, the first of its kind in the nation, concentrates resources to promote new approaches in the development and delivery of engineering curricula. (Photo: Greg Grieco)

Highlight on undergraduate education

University Scholars return as faculty members

Opportunities to work on research projects as undergraduates, meet with distinguished scholars and enroll in honors-level classes led three members of the first class of University Scholars to return to Penn State as faculty members.

"The University Scholars Program gave me a set of opportunities most students don't have," **Gregory K. Farber**, assistant professor of chemistry, said. "The Scholars Program breaks down the barriers that prevent students from taking advantage of opportunities to get into laboratories and to talk with visiting scholars."

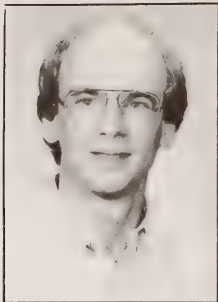
Dr. Farber was invited to join the university-wide honors program as a freshman in 1980, the inaugural year for the University Scholars Program. He became a faculty member in the Eberly College of Science in July 1990.

Wayne R. Curtis, assistant professor of chemical engineering, and **Robert D. Richards**, assistant professor of communications, also members of the first class of University Scholars, have since become University faculty members, as well.

All three credit their experiences in the University Scholars Program with leading them toward academic careers.

Launched in 1980 to enhance academic opportunities for outstanding students, the University Scholars Program set high standards for its members.

Selection to the program is based on faculty evaluation of student applications to the program. In addition to an excellent high school grade-point average and scholastic aptitude test score of at least 1,300, reviewers consider an original essay and other signs of



Gregory K. Farber

distinctive intellectual promise.

Currently, 1,500 undergraduates are members of the program.

"I found the University Scholars Program a very worthwhile experience, with its opportunities for smaller classes and more instructor contact time," Dr. Richards said. "Participating in the program's activities greatly enhanced my undergraduate experience."

Dr. Curtis added that his involvement in research projects while a Penn State student inspired him to invite undergraduate students to work in his laboratory. He supervises two undergraduate and six honors students who are working with him in the design of bioreactors for plant tissue culture.

"The high point of my day is working with undergraduates in the lab," Dr. Curtis said.

He sponsors a summer National



Wayne R. Curtis

Science Foundation program in undergraduate research aimed at minority and women students interested in research in chemical engineering. The participating students spend nine weeks on a research project.

Dr. Farber also has an undergraduate student working in his lab, where he conducts research on protein crystallography. He plans to include more undergraduates in his lab.

As a University Scholar, Dr. Richards researched and wrote a thesis on deregulation of the broadcasting industry. He also worked as a radio news director during and after his college career. Now, he enjoys teaching honors courses for current University Scholars. "It's a great chance to work one-on-one with students."

Dr. Farber earned a bachelor of science degree in chemistry from Penn



Robert D. Richards

State in 1984 and a Ph.D. in physical chemistry from Massachusetts Institute of Technology in 1988.

Dr. Richards was the first University Scholar to complete an integrated undergraduate and graduate degree program. He earned both bachelor and master of arts degrees in speech communication from Penn State in 1983. He earned a juris doctorate from American University in 1987 and joined the Penn State faculty in August 1988.

Dr. Curtis earned a bachelor of science degree in chemical engineering from Penn State in 1984 and a Ph.D. in chemical engineering from Purdue University in 1988. He joined the University faculty in January 1989 and has a joint appointment with the Department of Chemical Engineering and the Biotechnology Institute.

—Deborah A. Benedetti

Fund to assist in enriching undergraduate instruction

The new fund for the Improvement of Undergraduate Instruction will assist faculty members in enriching their undergraduate instruction.

One-page proposals for funding to cover resources, materials and events for individual course enhancement are being solicited for the fund, which was proposed by the Society of Teaching Award Recipients at the University. The society is comprised of recipients of the Altherton, Lindback and Teaching Fellow awards. The fund is supported by the society and the provost.

The committee that developed the concept consists of members **John Buck**, assistant professor of English; **James Eisenstein**, professor of political science

The Fund for the Improvement of Undergraduate Instruction has been created at the suggestion of the Society of Teaching Award Recipients at the University.

and director, Center for the Study of Science Policy; **Robert L. Kabel**, professor emeritus of chemical engineering; **Neil A. Mercado**, assistant professor of biology, Penn State Ogontz Campus; **Mayellen Weimer**, research associate, Center for the Study of Higher Education; and **Beno Weiss**, professor of Italian.

Awards will range from \$100 to \$1,000 for the 1991 summer and fall semesters.

Funding may be used for films, guest speakers, material duplication, field trips, videos, in-class telephone interviews, audio-visual materials (audio cassettes, maps, slides, transparencies), field and laboratory equipment, computer

software and other types of activities designed to improve instruction.

Instructors on continuing and fixed-term appointments and tenure-track faculty members at all University locations are eligible to submit proposals. Proposal forms are available from directors of academic affairs, associate deans and the associate dean for undergraduate education.

Deadline for submitting proposals is June 3. Proposals should be sent to: **Jerry B. Covert**, Associate Dean for Undergraduate Education, 207 Old Main, University Park (863-7035). They will be reviewed by a faculty selection committee, and awards will be announced June 17.

University warms up for employee health/fitness day

Cross America for Health

As the week of May 11-17 nears, faculty and staff at all locations should be making plans to join in the University's annual celebration of National Employee Health and Fitness Day. Last year, close to 1,000 participants reported more than 3,700 exercise miles for a single day, exceeding the goal of crossing America.

This year, faculty, staff and their families will be encouraged to report exercise miles for the day (May 15) or the entire week as we attempt to accumulate enough miles to, once again, traverse the continent. To be included, it will not be necessary to participate in any organized activity or program. However, various opportunities for exercise will be available at many University locations.

Informal activities

- coworkers can form an informal lunchtime walking group to log miles during the week.
- Families can designate an evening or two for a walk, bicycle ride, or other activity.
- Regular exercisers can "adopt" a non-exercising

friend or coworker to share a vigorous walk once or twice during the week.

Organized activities

At University Park, the Department of Recreational Sports will conduct free activities over the lunch hour on National Employee Health and Fitness Day (May 15): noontime walk, 12:15 to 12:45 p.m., meet at Recreation Building; aerobics, 12:10 to 12:50 p.m., Intramural Building; and aerobics, 12:10 to 12:50 p.m., White Building.

Organized activities are being planned at many campuses and the Hershey Medical Center. Flyers containing individual "report cards" and details of Cross America for Health have been distributed. Additional copies are available by calling the Faculty/Staff Health Promotion Office at (814) 865-3085.

Wellness Walk kicks off week

Penn State and Centre County will be introduced to the sport of volkswalking during the weekend of May 11 and 12. Thanks to the Susquehanna Rovers

Volkswalking Club, the Employee Wellness Coalition of Centre County and the Faculty/Staff Health Promotion Program, the entire community will be able to begin the week with a hearty 10K "Wellness Walk."

This event is free to those who wish to participate without receipt of an award of IVV credit. Volkswalking is a family-oriented activity and parents often carry infants or push them in strollers. In addition, joggers and other groups are welcome.

For additional information, Wellness Walk flyers are available at all University locations: Intramural, White, and Recreation buildings; and the Natatorium, or by calling the Faculty/Staff Health Promotion Office at (814) 865-3085.

Family Fitness

On Friday, May 3, a lunchtime mini-lecture sponsored by the Faculty/Staff Health Promotion Program and the Health Education Department will focus on enhancing total family health by making physical activity a part of family life.

The program will take place from 12:10 to 12:50 p.m. in Room 307 Hetzel Union Building at University Park. For information, call 865-3085.

Historic Old Willow returns

The historic Old Willow has returned with the planting of a new tree at the original site on the Mall at University Park.

Considered Penn State's oldest living tradition, the original Old Willow was planted in 1850 on the Mall between Old Main and College Avenue by Professor William G. Waring, first superintendent of grounds, according to local legend.

In 1923, the tree finally was

destroyed in a storm, but two years earlier, in 1921, the University planted a cutting besides the original tree to assure a successor.

However, when the third generation of the willow died in 1977, the replacement cutting did not grow. It was replaced in 1986 but vandals tore it out in 1989.

The return of Old Willow has been supported by University Trustee and alumnus Ben Novak.

Parting

W. Robert Fortney, associate professor of floriculture, has retired after 24 years service.

Dr. Fortney was responsible for educational programs in greenhouse and flower production as well as plant analysis, soil testing and energy conservation. He served as coordinator for the department's trial gardens from 1982 until his retirement and was coordinator for the International Seedsmen's Field Day, an event which attracts participants from 10 countries. He also has served as horticulture consultant to the National Association on Standard

Medical Vocabulary.

Dr. Fortney currently is an All-America Selections Budding Plant and Flower Judge and an All-America Selections Rose Judge. He is a member of the American Horticulture Society.

He earned his bachelor of science in floriculture and his master of science in plant breeding and genetics at the University of Illinois in 1949 and 1951, respectively. In 1958 he earned his doctorate in horticulture and genetics at Purdue University.

Before joining the University faculty, he was an instructor of horticulture at Purdue University and an associate professor of horticulture at West Virginia University.

New parking ticket system being field-tested

The Parking Office currently is field testing a new system for writing parking

tickets that will save time and money, according to **Bruce N. Kline**, manager of



Robert A. Henry, community service officer with the Department of University Safety, uses a computer to generate a parking ticket. (Photo: Greg Grieco)

University parking.

Six University police officers are using the hand-held computer units to generate parking tickets, which resemble cash register receipts. The new type of tickets are very different from the handwritten forms used previously. The new tickets are legally valid and should not be ignored, Mr. Kline emphasized.

The computer units also enable officers to find out other information about vehicles by checking license numbers.

The computer units drastically cut the amount of time needed to process a parking ticket -- from eight person-hours per day to one-half hour per day.

The University is serving as a beta testing site for the equipment, which is manufactured by Cardinal Tracking Inc. of Louisville, Texas.

"We are evaluating the software and hope to make a decision soon about the equipment," Mr. Kline said. "In the meantime, we want faculty and staff members to be aware of the new ticket-writing system."

Retirement bill being considered

Senate Bill 405 is commonly referred to as the Melloy bill. In its early form it was intended to add 10% to the total number of years of service applicable toward retirement in the State Employees' Retirement System provided an employee:

1. Has at least 10 years of credited service.
2. Is at least 55 years of age.
3. Retires between Feb. 1, 1991, and Sept. 30, 1991.

This bill has been modified several times and may again be modified.

The Office of Human Resources is in contact with the Office of Governmental Affairs to track the status of this bill. If the bill becomes law the Office of Human Resources will inform faculty and staff of its provisions and identify steps necessary to obtain a retirement estimate.

Focus on the arts

Outdoor photos

Winning photographs from hundreds of entries by professional photographers, members of the Outdoor Writers Association of America (OWAA), are on exhibit at Kern Gallery at University Park through May.

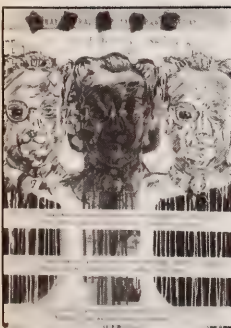
The exhibit is one of six traveling photo exhibits that appear throughout the year at nature centers, universities, museums, festivals, art galleries, libraries, conferences, etc.

A variety of color and black-and-white photos—from the covert glance of a grizzly bear cub resting on its mother's back to the shivering of a robin caught in a blizzard—represent the best of outdoor photography. Nikon Inc. of Garden City, N.Y., funds the OWAA Photography Competition and the traveling exhibits.

OWAA has more than 1,900 professional photographers, writers, editors, artists and others who communicate the outdoor experience. Headquarters of the non-profit association are in the Cato Office Center, State College.

The arts on Channel 3

"The End of a Sentence," written by noted American playwright Richard Nelson, is a portrait of a well-meaning 42-year-old



An exhibit of artworks by State College Area Senior High School students is on display in Pattee Library through May 24.

English professor at an upstate New York college whose plan to inspire his apathetic students and friends backfires in the worst possible way. The one-hour drama starring Edward Herrmann will premiere on American Playhouse at 9 p.m. Friday, May 3, on WPSX-TV.

The story is delivered in monologue fashion with Mr. Herrmann relating his experiences while sitting at a bar at Grand Central Station, lounging in his university office and working in his kitchen at home.

When Tchaikovsky conducted the opening night concert at Carnegie Hall on May 5, 1891, he ushered in a century of stellar performances at what has become one of the world's greatest concert halls. This spring, 100 years to the day, Zubin Mehta and James Levine will together conduct the Hall's afternoon and evening Centennial Gala Concerts which will feature an impressive "Who's Who" of classical music artists.

Share in the festivities when WPSX-TV airs *Carnegie Hall: Live at 100!* The Gala Celebration from 7 to 11 p.m. Sunday, May 5.

1991-92 arts events

The Center for the Performing Arts, written and announced its 1991-92 season.

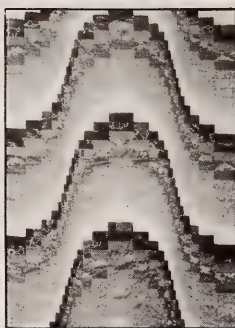
The season opens in September and runs through April, offering a variety of entertainment in 31 productions. The events, most of which are staged in Eisenhower Auditorium are grouped into seven series ranging from jazz to opera, ballet to Broadway-style musicals. Season subscriptions are now available.

The German Youth Orchestra, joined by leading cellist Yo-Yo Ma, will open the "MasterWorks" series Friday, Sept. 27. Mexico's past and present come alive in the sizzling, vibrant dances of Amalia Hernandez's Ballet Folklórico de Mexico on Friday, Oct. 25, as part of the "Bright Lights" series.

Ray Charles, who single-handedly transformed modern American music by deftly blending many of its genres, will perform one show only Saturday, Oct. 12, as part of the "Cool Heat" series.

In the "Intimate Excursions" series housed at Schwab Auditorium, the Bartok String Quartet will give a two-part performance of Bela Bartok's complete quartet cycle on Friday, Jan. 17 and Saturday, Jan. 18.

On Wednesday, Oct. 23, the Acting



"Indigo Integrals," a quilt by Eileen Thompson Lehner will be on display in the HUB from May 6 to June 2.

Company will present Athol Fugard's drama, "Blood Knot." Direct from a triumphant Broadway revival, the Tony award-winning "Gypsy" will be staged Friday, Sept. 20.

"Barnum" rolls into town for two shows on Saturday, Feb. 29. Andrew Lloyd Webber's feline phenomenon "CATS" will make an encore appearance at Eisenhower next spring. The dates for the two performances will be announced.

The center will continue to offer its Artistic Viewpoints lecture series, usually featuring performing artists discussing their work prior to selected shows.

Outdoor concert

The Penn State Campus Band will present a "Concert in the Park" at 6 p.m. Thursday, May 2, in Fisher Plaza outside Kern Graduate Building at University Park.

Highlight of the program will be G.F. Handel's "The Royal Fireworks Music." The program also will include Claude T. Smith's "Eternal Father Strong to Save," a work dedicated to the U.S. Navy band, ballet music from "Prince Igor," "Funny Girl Overture" and the march "The Purple Pageant."

Brad Townsend, graduate assistant with the Penn State Blue Band and doctoral

candidate in music education, is the conductor.

HUB exhibit

An exhibit by the late artist Tim Mark is on display through June 2 in the HUB Browning Art Gallery at University Park.

"Twelve Paintings by Tim Mark" is the first exhibit of Mr. Mark's paintings. Most of the subjects are taken from natural scenes in Ridley Creek State Park near his home in Glenholden. The paintings follow an impressionist style, modeled on the work of Andrew Wyeth and Claude Monet.

Most of the paintings in the collection were created by Mr. Mark after being diagnosed as having cancerous melanoma in 1987. He died on June 15, 1990, at the age of 42, after battling the fatal disease for three years. Although doctors told him he had only a year to live, Mark continued to paint and to refine his art until his death.

He lived each of his days believing that, "We have to do the best we can with the cards that are dealt to us."

He studied art at the Hussian School of Art in Philadelphia, and graduated from Penn State in 1982 with a B.A. degree in marketing research.

The University exhibit of "Twelve Paintings" is the last in an 18-month tour that included nine other University campuses.

Quilt exhibit

Centre Pieces, the local chapter of the National Quilt Association, will exhibit its quilts from May 6 to June 2 in the HUB Formal Art Gallery and the HUB Art Alley Cases at University Park.

The Centre County chapter, which began in 1983 with five members, has grown to its current size of 90 members. Its purpose is "not only to keep alive the long tradition of quilting in this country, but also to encourage quilters to experiment and discover their own personal sense of design," according to Becky Shirer, chairperson of the exhibit.

The exhibit will include a reception from 1 to 9 p.m. Tuesday, May 7, in the HUB Formal Art Gallery, and a quilting demonstration by several members from 10 a.m. to 3 p.m. Wednesday, May 15, in the HUB Browning Art Gallery. Both events are free to the public.

Engineering graduate programs are ranked nationally

The University's graduate programs in engineering were listed among the top 25 programs in the nation by a U.S. News and World Report survey.

The College of Engineering was tied for seventh among public schools and 12th overall nationally among the top 25 schools of engineering in the April 29 issue *America's Best Graduate Schools*.

In addition, material and metallurgical engineers ranked Penn State as third among

the top schools in that field. Ranked first and second were Massachusetts Institute of Technology and University of California at Berkeley, respectively, in this new survey category.

"We are delighted to have the strength and quality of the College of Engineering graduate and research programs recognized by this ranking," John Brighton, dean of the college, said. "It is, however, only one measure of our performance. More

important indicators are the growing number of graduate students who choose to study here and the high level of support that we consistently receive from private industry and government for our research programs."

Carnegie Mellon University, which was ranked 10th, was the only other Pennsylvania school in the overall survey. MIT headed the list, followed by Stanford University (2) and University of

Illinois at Urbana (3), California Institute of Technology (4) and University of Michigan (5).

The engineering schools were ranked using two reputational surveys as well as statistical data that measure important educational attributes of postgraduate education — student selectivity, faculty resources and research activity.

Focus on Drugs and Alcohol

1990-1991

The following information is presented in compliance with the Higher Education Act of 1965 as amended by the Drug-Free Schools and Communities Act of 1989.

Today's challenge

University community joins national effort to address drug and alcohol problems

Alcohol and other drugs are traditional and easy to obtain on college campuses. In a university setting, education and learning are especially impaired by alcohol and other drug abuse, whether it is within the student or faculty and staff population.

Historically, in higher education, more attention has focused on student drug and alcohol abuse than that of the faculty and staff. During the 1980s, many institutions of higher education responded to the growing problems of alcohol and other drug abuse among students by increasing disciplinary sanctions and educational programs. An Inter-Association Task Force on Alcohol and other Substance Abuse Issues was established, which was responsible for the inception of National Collegiate Alcohol Awareness Week and a model campus alcohol policy.

In 1986, Congress passed the Drug-Free Schools and Communities Act "to establish, implement and expand programs of drug abuse education and prevention for students enrolled in colleges and universities." Shortly thereafter, the Drug-Free Workplace Act of 1988 became the first legislation to call attention to employee drug use on college campuses. The Drug-Free Workplace Act required employers receiving funds from federal agencies, which included virtually all colleges and universities, to adopt policies and programs aimed at preventing illicit drug use in the workplace.

In 1990, an amendment to the Drug-Free Schools and Communities Act extended its previous requirements. Under the new amendment, education and prevention programs were required to address alcohol along with other drugs and to be aimed at faculty and staff, as well as students. This reinforced the notion that abuse of any substance by any segment of the campus community threatens the educational integrity and productivity of an institution.

Penn State has a history of commitment to alcohol and drug education. A Task Force on

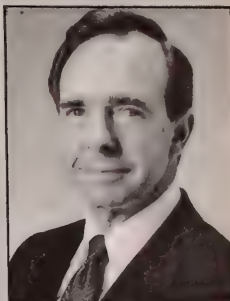
Ordering information

Additional copies of this publication are available by calling the Faculty/Staff Health Promotion Office at (814) 865-3085. A similar publication, *Drug Prevention '91*, has been distributed to all University students. Any faculty or staff member who would like a copy of the student publication may call the Office of Health Promotion and Education at (814) 865-0461.

Alcohol was formed in 1986 and was instrumental in establishing many of the programs which currently exist for students. In early 1990, a University-wide Task Force on the Prevention of Alcohol and other Drug Abuse was appointed to assist in the development of an action plan for the elimination of substance abuse by University students, faculty and staff.

The task force includes students, faculty and staff representatives from the Office of Health Promotion and Education, Human Resources, the Office of Conduct Standards, University Safety, Counseling and Psychological Services, Residence Life, Office of Greek Life, local alcohol and drug education/treatment agencies, and related academic programs.

The purpose of this publication is to provide faculty and staff with practical information about programs, resources and health issues, as well as the legal aspects of alcohol and other drug use. It is hoped that it will be a valuable reference for all members of the Penn State community as we work together toward the elimination of alcohol and other drug problems.



President Thomas

To the University Community:

Drug and alcohol abuse on college campuses is widespread. This trend is having adverse effects on students, faculty and staff nationwide. Drug abuse is draining — financially, emotionally and academically.

Through the Drug-Free Workplace Act of 1988, the Drug-Free Schools and Communities Act of 1986 and amendments to both acts, the federal government has called on institutions of higher education to become active participants in the national campaign against drugs. Penn State is committed to providing a living, learning and working environment that is free from substance abuse. Your input and involvement are central to the achievement of this goal.

President Thomas

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| • A drug-free workplace | A-2 | • Drug effects and risks at a glance | A-3 |
| | | • Treatment resources | A-4 |

University policies on drugs and alcohol

Possession/use/distribution of alcoholic beverages (AD-18)

The use, possession and distribution of alcoholic beverages are prohibited upon the property of The Pennsylvania State University unless specifically authorized. Where such use, possession and distribution are permitted, strict compliance with the laws of the Commonwealth of Pennsylvania is required. The laws of the Commonwealth of Pennsylvania are published as the "Liquor Code," PL90, April 12, 1951, and the Liquor

Control Board Regulations. The possession and use of alcohol beverages, subject to the laws of the Commonwealth, is permitted by persons twenty-one (21) years of age or older in a facility licensed by the Pennsylvania Liquor Control Board, and in individual housing units (rooms, apartments and houses) owned by The Pennsylvania State University. This policy applies to all locations of The Pennsylvania State University.

This is only a summary of AD-18. Consult the Personnel Policy Manual for additional information.

Educational and research areas

The Pennsylvania State University specifically prohibits the use, possession and dispensing of alcoholic beverages in classrooms, lecture halls, laboratories, libraries, research areas or within buildings, arenas or areas where athletic events, lectures or concerts are held, during such events or activities. Permission will not be granted to use or possess alcoholic beverages in a facility which is being used for one of the above functions at the time of the request.

Areas open to the public

The Pennsylvania State University prohibits the possession and use of alcoholic beverages in areas open to the public, including areas of buildings open to the public, except: the use of alcoholic beverages, subject to the laws of the Commonwealth, may be permitted at University-sponsored activities in areas designated by, and with the prior approval of, the appropriate senior executive responsible for the area of the request.

Private or closed areas

The possession and use of alcoholic beverages are prohibited in conference rooms, offices, office reception rooms, closed buildings and areas of buildings not open to the public or from which the public has been excluded, except: the use of alcoholic beverages, subject to the laws of the Commonwealth, may be permitted in a specific private or closed areas designated by, and with the prior approval of, the vice president, dean or executive officer.

University policy

The University prohibits the unlawful possession, use, manufacture, or distribution of alcohol or controlled substances by students, faculty and staff in buildings, facilities, grounds, or property controlled by the University, or used as part of University activities.

Detailed information about the University's drug and alcohol policies may be found in the Personnel Policy Manual and Policies and Rules for Students, as indicated below.

**Personnel Policy Manual
(Administrative Section)
AD-18 Possession, Use and
Distribution of Alcoholic
Beverages**

**AD-33 A Drug-Free Workplace
Policies and Rules for Students
(1990-91)**

**Code of Conduct Offense K
Conduct 3 Policy Statement on
Drugs**

**Code of Conduct Offense J
Conduct 4 Policy Statement on
beverages containing alcohol**

Violation of these policies will result in the imposition of disciplinary sanctions up to and including expulsion or termination of employment, and referral for prosecution by the appropriate law enforcement agency.

Excerpts of the Administrative Policies are provided here.

A drug-free workplace...

(AD-33)

Policy

It is the policy of The Pennsylvania State University that the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance, or property owned, leased or controlled by the University and used in the performance of University services is prohibited.

As a condition of University employment, every employee shall abide by the terms of this policy and he or

she shall notify his or her supervisor of any criminal drug conviction for a violation occurring in the University workplace no later than five (5) days after such conviction.

Violation of policies

Any employee found in violation of these prohibitions shall be subject to disciplinary action, including dismissal, and may be required to participate in a drug abuse assistance or drug rehabilitation program.

least 90 days in prison, not to exceed three years and fined at least \$5,000 but not more than \$250,000, or both.

Special sentencing provisions for possession of crack cocaine:

Mandatory at least five years in prison, not to exceed 20 years and fined up to \$250,000, or both if: (a) first conviction and the amount of crack possessed exceeds 5 grams; (b) second crack conviction and the amount of crack possessed exceeds 3 grams; (c) third or subsequent crack conviction and the amount of crack possessed exceeds 1 gram.

21 U.S.C. 844(a)

Civil fine of up to \$10,000: pending adoption of final regulations.

21 U.S.C. 853(a)(2) and 881(a)(7): Forfeitures

Forfeiture of personal and real property used to possess or to facilitate possession of a controlled substance if that offense is punishable by more than one year imprisonment (see special sentencing provisions re crack)

21 U.S.C. 881(a)(4): Forfeitures

Forfeiture of vehicles, boats, aircraft or any other conveyance used to transport or conceal a controlled substance

21 U.S.C. 853(a) Prohibited Acts C

Denial of federal benefits, such as student loans, grants, contracts, and professional and commercial licenses, up to one year for first offense, up to five years for second and subsequent offenses.

18 U.S.C. — Firearms

18 U.S.C. 922(g): Unlawful Acts

Ineligible to receive or purchase a firearm

Miscellaneous:

Revocation of certain federal licenses and benefits, e.g. pilot licenses, public housing tenancy, etc. are vested within the authorities of individual federal agencies.

Pennsylvania Penalties and Sanctions

Pennsylvania penalties and sanctions for illegal possession and distribution of controlled substances are outlined in the Controlled Substance, Drug, Device and Cosmetic Act. All controlled substances are listed in Section 4 (Schedules of Controlled Substances). Section 13a (Prohibited Acts; Penalties) describes 35 prohibited acts. Penalties for violations are listed in 13b-h. Some examples of prohibited acts and penalties are presented on Page A-4.

Legal sanctions

Illicit drugs

Sanctions upon conviction for possession, distribution, or manufacture of controlled substances range from fines to probation to imprisonment. Amounts of fines, terms of probation or years of imprisonment are generally contingent upon the circumstances and the amounts of drugs in possession, sale, distribution or manufacture.

Federal penalties

Federal penalties and sanctions for illegal possession of controlled substances are outlined in 21 U.S.C. (U.S. Code), which deals with food and drugs. Several sanctions are outlined below

21 U.S.C. 844(a): Penalties for simple possession

First conviction: Up to one year imprisonment and fined at least \$1,000 but not more than \$10,000, or both.
After one prior drug conviction: At least 15 days in prison, not to exceed two years and fined at least \$2,500 but not more than \$250,000, or both.
After two or more prior convictions: At

Continued on Page A-4.

Drugs at a glance ♦ Drugs at a glance

Faculty, staff and students should be aware of the health risks that have been associated with the use/abuse of illicit drugs and alcohol. A list of some of the health risks follows, however, it is not intended to be all inclusive. Further information may be obtained from the Campus Health Services, Office of Health Promotion and Education or Faculty/Staff Health Promotion Office.

Drug Effects Risks Depressants

Alcohol Slower reaction time, drowsiness, slurred speech, personality changes
 High risk for accidents; excess use can cause cirrhosis, heart disease and cancer, birth defects if used during pregnancy, physical and psychological addiction, and death from overdose.

Barbiturates/tranquilizers (downs, ludes, reds, yellow jackets, purple hearts) Drowsiness, stupor, dullness, slurred speech, drunk appearance. Occasionally, overstimulation, hallucination, insomnia, rage.
 Tolerance, death from overdose, birth defects when used during pregnancy, unconsciousness, physical and psychological addiction, increased danger when mixed with alcohol, tranquilizers or antihistamines.

Stimulants

Amphetamines (pep pills, ups, crank, speed, crystal, ice, meth, black beauties) Aggressive behavior, giggling, silliness, rapid speech, confused thinking, no appetite, extreme fatigue (after use) dry mouth, shakiness.
 Death from overdose, delusions/paranoia/bizarre behavior even when not using, frightening hallucinations, weight loss, malnutrition, and physical and psychological addiction. Injection can cause complications leading to death. Extreme depression can lead to suicide.

Cocaine/crack/ice (coke, flake, toot, C, rock) Raised blood pressure, feel no pain, superior attitude, indestructible feeling, hyperactive, masks fatigue, sweating, pupil dilation. Crack — short periods of euphoria followed by extreme depression.
 Unexpected heart attack or stroke, weight loss, extreme depression, suicide, paranoia, insomnia, nervousness. High doses can cause seizures and respiratory failure. Strong psychological addiction can occur rapidly, use during pregnancy can cause low birth weight and brain damage to fetus or cause the uterus to separate from the uterine wall.

Tobacco Central nervous system stimulant, irritation of lung tissue, constriction of blood vessels, increased blood pressure and heart rate, impaired sense of taste.
 Physical and psychological dependence, cancer, heart disease, emphysema. Smokeless tobacco can cause gum inflammation and disease, and dental problems.

"Look alikes" (pills and capsules containing legal stimulants, chiefly caffeine, phenylpropanolamine) Nervousness, loss of appetite, increased blood pressure and heart rate.
 High doses can cause nausea, anxiety, insomnia, dizziness and tremors.

Hallucinogens

Marijuana (pot, grass, weed, MJ, smoke) Sleepiness, wandering mind, lack of coordination, craving for sweets, increased appetite, dry mouth. Time and space distortion.
 Unpleasant panic attack or paranoia; 1 joint approximately equal to 5 cigarettes in cancer-causing potential. Use during pregnancy can lead to low birth weight and brain damage to fetus; temporary sperm irregularities have occurred in users; ability to operate cars and heavy machinery impaired, psychological addiction may occur.

Drug Effects Risks

LSD (acid, trips, blotter, windowpane) Feelings of detachment, sensory distortion, changes in perception/mood/thought, hallucinations (usually at higher doses), rapidly alternating laughing and crying while using, drunken state, incoherent speech, pupil dilation, cold hands and feet.
 Very unpleasant/terrifying emotional experiences. "Flashbacks" or brief recurrence days or months later of a portion (usually unpleasant) of a trip. Psychotic breaks, usually lasting a few days (can be indefinite) have occurred, as well as psychological addiction.

Ecstasy (MDMA, ADAM, XTC) Dilated pupils, dry mouth, nervousness, physical tension, mild hallucinations.
 Tolerance can build leading to overdose. Liver damage, heart problems, possible brain damage, and psychosis (with heavy use).

Mushrooms (psilocybin, shrooms) Rise in body temperature, elevated pulse rate and blood pressure, enlarged pupils, nausea, drowsiness, numbness, synesthesia ("cross-over" among the senses).
 "Bad trips," ability to operate machinery and cars can be impaired, psychotic breaks (rarely).

Narcotics

Heroin (junk, horse, H, smack) Stupor, drowsiness, drunk appearance, lack of coordination, confusion, excessive itching.
Morphine (M)
Codaine (schoolboy)
Cough medicine (containing codeine and opium juice)
 Death from overdose, AIDS and hepatitis from using unsterile needles. Physical and psychological addiction common. Pregnancy complications and birth defects have occurred.

Anabolic steroids

Synthetic testosterone Reduced body fat, improved endurance, faster muscle healing time, increased muscle mass and strength, lowered tolerance to pain, increased aggressiveness.
 For men: decreased sperm production, atrophy of testes, impotence, severe acne, early baldness. For women: growth of facial and body hair, menstrual irregularities, enlargement of clitoris, deepening voice. For both men and women: high blood pressure, heart disease, liver damage, "steroid psychosis."

Toll-free hotlines

- ① National Institutes on Drug Abuse Hotline, 1-800-662-HELP (4357) — refers callers to local drug treatment centers and support groups
- ② American Council on Alcoholism Helpline, 1-800-527-5344 — refers callers to local alcohol and drug treatment centers
- ③ Al-Anon, 1-800-344-2666 — will refer families of substance abusers to group meetings in their local area
- ④ Cocaine Hotline, 1-800-COCAINE — will send information about cocaine
- ⑤ Encore, 1-800-932-0912 — provides up-to-date information on drugs
- ⑥ Pennsylvanians Aware, 1-800-PA-AWARE
- ⑦ National Clearinghouse for Alcohol and Drug Abuse, 1-800-SAY-NO-TO
- ⑧ Alcohol and Drug Abuse 24-hour Helpline, 1-800-333-4444

Legal sanctions

Continued from Page A-2.

Misdemeanors

13(a)12: Misrepresentation

It is unlawful for any person to acquire or obtain possession of a controlled substance by misrepresentation, fraud, forgery, deception, or subterfuge.

Penalty: imprisonment for one year, fine of \$5,000, or both.

13(a)16: Possession

It is unlawful for a person to knowingly or intentionally possess a controlled or counterfeit substance unless he is registered under the act or obtains it by use of a valid prescription.

Penalty: imprisonment for one year, a fine of \$5,000, or both in the case of a first offense; imprisonment for three years or fine of \$25,000, or both for second offense.

13(a)31: Possession and distribution of a small amount of marijuana (30 grams marijuana or 8 grams hashish)

It is unlawful for a person to possess a small amount of marijuana for personal use; to possess it with the intent to distribute it; or to distribute it.

Penalty: imprisonment for one year, a fine of \$500, or both.

13(a)32 and 33: Use and delivery of paraphernalia

It is unlawful for a person to use, to deliver, or to possess with the intent of using or delivering paraphernalia (such as grow kits, pipes, needles, and roach clips) to grow, conceal or ingest drugs.

Penalty: imprisonment up to one year, a fine of \$25,000, or both.

Felonies

13(a)30: Delivery

It is unlawful for a person to manufacture, deliver or possess with intent to manufacture or deliver a controlled substance by a person not registered under this act.

Penalty: In the case of most opiates, imprisonment for 15 years, a fine of \$250,000, or both; in the case of most hallucinogens, imprisonment for five years, a fine of \$15,000, or both; in the case of most drugs available, illegally, under prescription, imprisonment for three years, a fine of \$10,000 or both.

Alcohol

The laws of Pennsylvania concerning the possession or distribution of alcoholic beverages are part of 18 PA C.S. (Pennsylvania Crimes Code). Examples of violations and their respective sanctions are as listed below.

18 PA C.S. 6308: Purchase, consumption, possession or transportation of liquor or malt or brewed beverages

A person commits a summary offense if he, being less than 21 years of age, attempts to purchase, purchases, consumes, possesses or knowingly and intentionally transports any (alcoholic) liquor, or malt beverages within the Commonwealth.

Penalty: maximum penalty 90 days imprisonment; additional penalty for subsequent violation is \$500 fine; police are required to notify parents; immediate suspension of operator's license for 90 days; one year license suspension for subsequent offenses.

18 PA C.S. 6309 (a): Representing that minor is of age

A person is guilty of a misdemeanor of the third degree if he knowingly, willfully, and falsely represents to any licensed dealer, or other person, any minor to be of full age, for the purpose of inducing any such licensed dealer or other person to sell or furnish any intoxicating liquors to a minor.

Penalty: maximum penalty one year imprisonment; minimum penalty \$500 fine; no suspended sentences; immediate suspension of operator's license for 90 days; one year license suspension for subsequent offenses.

18 PA C.S. 6310.1(a): Selling or furnishing liquor or malt or brewed beverages to minors

A person commits a misdemeanor of the third degree if he intentionally and knowingly sells or intentionally and knowingly furnishes, or purchases with the intent to sell or furnish, any liquor or malt beverages to a person who is less than 21 years of age.

Penalty: maximum penalty one year imprisonment; minimum penalty \$1,000 for first violation; \$2,500 fine for subsequent violations; no suspended sentences.

18 PA C.S. 6310.6: Definitions

"Furnish" means to supply, give or provide to, or allow a minor to possess on premises or property owned or controlled by the person charged.

18 PA C.S. 5505: Public Drunkenness

A person is guilty of a summary offense if he appears in any public place manifestly under the influence of alcohol to the degree that he may endanger himself or other persons or property, or annoy persons in his vicinity.

Penalty: maximum penalty 300 fine or up to 90 days imprisonment, or both.

Driving under the influence

Pennsylvania laws concerning driving under the influence are part of 75 PA C.S. (Pennsylvania Vehicle Code), Subchapter B (Serious Traffic Offenses). Section 3731 describes violations and penalties.

75 PA C.S. 3731: Driving under the influence of alcohol or controlled substance

A driver is considered legally intoxicated in Pennsylvania if he or she is under the influence of alcohol, a controlled substance, or a combination of both, to a degree which makes the person incapable of safe driving; or when his or her blood-alcohol content (BAC) is 0.10 percent or greater. Driving under the influence is a misdemeanor of the second degree.

Penalties: Maximum penalty is two years imprisonment or \$5,000 fine, or both, plus automatic one year driver's license suspension. Penalties for first offense include

a minimum fine of \$300, minimum of 48 hours imprisonment, attendance at alcohol safety driving course, counseling as required, supervision on parole for up to two years and one year suspension of driver's license.

Other alcohol-related violations involving vehicles

Refusal to take a breathalyzer or chemical tests:

Anyone who operates a motor vehicle in Pennsylvania is deemed to have given consent to one or more chemical tests (or breath or blood alcohol) for the purpose of determining blood alcohol content, if the police officer has reasonable grounds to believe the person has been driving under the influence. If a person is placed under arrest for violation of the DUI law and refuses to submit to a test, his/her driver's license will be suspended for one year.

Consumption of alcoholic beverages by a driver:

A driver is guilty of a summary offense if he/she consumes any alcoholic beverage in a vehicle in operation on a Pennsylvania highway.

Local open container laws

While there is no state law prohibiting open containers of alcohol in public, many local governments have enacted such ordinances. For example, the State College Borough Open Container Ordinance makes it unlawful to possess an open container of alcohol in a public parking lot or garage, on a public street or sidewalk, or in an alley or park, except for persons within a motor vehicle. Violations result in fines ranging from \$25 to \$300.

Many other local governments have enacted special ordinances. It is suggested that you be familiar with those in your area.

NOTE: Additional information on legal sanctions pertinent to alcohol and controlled substances may be obtained from local police departments or the nearest Pennsylvania State Police barracks.

Drug and alcohol treatment resources for faculty and staff

Any employee may obtain confidential advice related to alcohol and other drug abuse problems by contacting the following:

Office of Human Resources:

Faculty/Staff Health Promotion program:
 (814) 865-3085

Employee Relations Division: (814) 865-1412

- Campus Health Services
- Human Resources representatives
- Directors of Business Services

Community resources

A variety of services is available in most communities to assist people with drug and alcohol problems. These range from crisis intervention and self-help programs to individual counseling services or in-patient residential programs. Often, drug and alcohol services are listed in the human services section of the local telephone directory. The white pages usually provide local phone numbers for Alcoholics Anonymous, Narcotics Anonymous, Al-Anon and other self-help programs. Several toll-free numbers which provide assistance and information are listed on Page A-3. An annotated listing of drug and alcohol services in the Central

Pennsylvania region may be obtained by calling the Faculty/Staff Health Promotion office at (814) 865-3085.

Insurance coverage for drug and alcohol treatment

University faculty and staff who are eligible for health care benefits may receive reimbursement for some of the costs of certain types of drug and alcohol treatment. Both Healthpass and Plan A provide some coverage for detoxification in an approved facility. In addition, some reimbursement for outpatient counseling may be available. Before enrolling services, one should consult the employee benefits literature and clarify specific questions through the Employee Benefits Division of the Office of Human Resources at (814) 865-1473.

Drug awareness training for supervisors

Since fall 1989, almost 300 administrators, human resources representatives and supervisors from all University locations have participated in the Office of Human Resources' Drug Awareness Training Program. The purpose of the program is to provide faculty and staff in supervisory positions with an orientation to the

University's policies and procedures related to drug and alcohol use at work and an overview of interrelated health concerns.

Coordinated by the Faculty/Staff Health Promotion Office and Human Resource Development Center, the half-day seminar includes practical information about commonly used drugs, work-related signs of abuse, and resources available for assistance in dealing with such problems.

Nancy Sessano, coordinator of Faculty/Staff Health Promotion, provides an overview of legislative requirements, as well as workplace health and safety issues associated with alcohol and other drugs. Bob Maney, manager of employee relations, guides participants in effective use of University employee relations services for intervention with employees. A visual display of various drugs and paraphernalia is presented by Officer Mike Teeters as he discusses the roles of the supervisor and police services in the legal aspects of drug use on campus.

The next sessions of the Drug Awareness Training Program will be held in Fall 1991. For information, consult the Fall 1991 Human Resource Development Center course schedule, which will be distributed in August, or call HRDC at (814) 865-3410.

University Park Calendar

May 2 -
May 5

Special Events

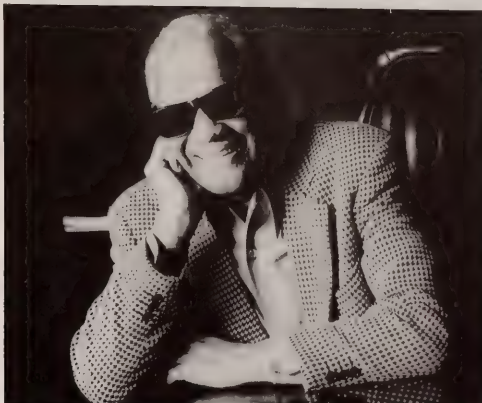
Thursday, May 2
Bach's Lunch, 12:10 p.m., Eisenhower Chapel.
Voice students of Richard Davis and Richard Kennedy.
Eta Sigma Phi inaugural initiation, 5:30 p.m.,
Women's Studies Lounge, ground floor,
Sparks.
Friday, May 3
Classes end 9:30 p.m.
Sunday, May 5
Shaver's Creek, Wild Edibles and Medicinal
Plants, 1-3 p.m. Call 863-2000.
Thursday, May 9
■ International Lecture Series, 2:30-4 p.m., 222
Boucke. Mary Purcell, International
Federation of University Women, on
"Women's Role in a Changing Society."
Saturday, May 11
Shaver's Creek, Forest Friends, 1-2 p.m. Call
863-2000.
Arthur H. Waynick Memorial Lecture, 8 p.m.,
Walker. Louis J. Lanzetta, AT&T Bell
Labs, on "Impacts of Solar-Terrestrial
Activity on Technological Systems."
Sunday, May 12
Shaver's Creek, Wildflower Walk, 1-2:30 p.m.
Call 863-2000.
Thursday, May 16
Trustees meet at University Park, through May
17.
Saturday, May 18
Commencement, through May 19.
Sunday, May 19
Shaver's Creek, Endangered Species, 1-2:30
p.m. Call 863-2000.

Public Radio

WPSU-FM 91.1
"All Things Considered," Monday-Friday, 5-
6:30 p.m. Saturday and Sunday, 5-6 p.m.;
Morning Edition, Monday-Friday, 6-8 a.m.;
Weekend Edition, Saturday and Sunday, 11
a.m.-1 p.m. "Odyssey Through Literature,"
12:30 p.m. Wednesdays, with S. Leonard
Rubinstein.

Conferences

Continuing Education
Keller Building
May 6-8. Turbulence Models for
Computational Fluid Mechanics. Frank
Schmidt, chair; Barb Impellitteri,
coordinator.
May 6-10. Simulation of Subsurface Flow and
Contaminant Transport by Finite Element
and Analytical Methods. Gour-Tsyh Yeh,
chair; Barb Impellitteri, coordinator.
May 6-12. Police Executive Development
Institute. James Harner, chair; Kathy
Karchner, coordinator.
May 7-10. Mammalian Cell Culture Methods.
Jim Shillens, chair; Kent Addis, coordinator.
May 8. Managing Conflict, Stress, and
Communication Challenges: Secretary in
Charge Program. Anila Shmukler,
instructor; Donna Ricketts, coordinator.



Roy Charles will perform in concert at University Park on Oct. 12 as part of the 1991-92 Coal Heat jazz series presented by the Center for the Performing Arts.

May 9-10. Overview of the Coal Mining
Industry. Robert Franz, chair; Norm
Lathbury, coordinator.
May 9-10. Symposium on Multilayer Ceramic
Reliability. Joseph Dougherty, chair; Donna
Ricketts, coordinator.
May 9-12. Aquatic Institute. Tom Griffiths,
chair; Jerri Milsom, coordinator.
May 10-12. Adult Golf. Jeff Mowrer, chair;
Jerri Milsom, coordinator.

Seminars

Thursday, May 2
Physics Colloquium, 3:30 p.m., S5 Osmond.
Dr. Moses H.W. Chan on "The Effect of
Disorder and Random Impurity on a
Superfluid and Liquid-Vapor Transition."
Computer Science Colloquium, 4 p.m., 325
Whitmore. J.N. Hooker, Carnegie Mellon,
on "Resolution vs. Cutting Plane Solution of
Integer Problems: Some Computational
Experience."
■ Meteorology and Earth System Science
Center, 4 p.m., 111 Kern. Richard A. Anthes,
Univ. Corp. for Atmospheric Research, on
"Global Change - Toward an
Unprecedented Climate in the Lifetime of
our Children."
Friday, May 3
Agronomy, 3:35 p.m., 107 Ag
Science/Industries. John Pollack on
"Pedogeomorphology of the P. Piedmont."
Architecture Lecture Series, 8 p.m., 112
Walker. Steven Holl, N.Y. architect, on
"The Theoretical Ground."
Sunday, May 6
Entomology, 3:45-4:45 p.m., 204 Patterson.
William F. Ravilin, VPI and SU
Tuesday, May 7
Forest Resources, 11:10 a.m., Conference
Room, Land/Water Research. Dr. Stephen
Fairweather on "Cable Logging Research in
Northern Pa."
Condensed Matter Physics, 4 p.m., 339 Davey.

Dr. Bill Gadzuk, NIST, on "Electron
Femtochemistry at Surfaces."
Thursday, May 9
Physics Colloquium, 3:30 p.m., S5 Osmond.
Dr. A.M. Polyakov, Princeton, on
"Perspectives of String Theory."
Friday, May 10
Physics Colloquium, 11 a.m., S5 Osmond.
Walter Kohn, Univ. of Calif., on "Electronic
Structure from a Density Standpoint."
Tuesday, May 14
Condensed Matter Physics, 4 p.m., 339 Davey
Dr. Jan Ma.

Exhibits

HUB Galleries
Formal Gallery/Art Alley Cases:
Centre Pieces, quilt exhibit by local chapter,
National Quilt Association, May 6-June 2.
Browsing Gallery:
"Twelve Paintings by Tim Mark," through
June 2.
Kern Gallery
Marlee Erwin, watercolors, "Essentially Iris,"
through May 3.
Outdoor Writers Association of America,
photographs, through May 31.
Pattee Library
African-American Studies Room:
Collection of African-American art by artists
Jenae Williams, Gathoni Kamau, Bruce Fair,
Leah Finch, Susan Lashley, Darrel Johnson,
Beverly Melver and Don Lemch, through
May 12.
Rare Books Room:
Facts in Classical Latin. Selections from the
Leonard S. and Barbara Lark Goodman
Collection, through May 31.
Zoller Gallery
Master of Fine Arts Thesis Exhibition, through
May 9.

■ Reflects an international perspective

Faculty/Staff Alerts

Managed Care

All faculty and staff members in University
Medical Plans A and B administered by
Prudential are reminded that Managed Care
was implemented on Jan. 1, 1991. The
purpose of Managed Care is to evaluate
prior to admission all inpatient
hospitalizations and nonemergency, elective
surgical procedures that an employee or
covered dependent may require.

It is the employee's responsibility to
initiate a toll-free call to The Prudential
Insurance Co. (800-251-7277) before being
admitted to a hospital. Support specialists at
Prudential will evaluate the proposed
treatment and, if approved, will authorize
the confinement for a specific number of
days.

If surgery is proposed, a second surgical
opinion may be required before inpatient
hospital admission. Should a confinement
be extended, the employee must first
obtain approval by the support specialist.
Emergency inpatient hospital admissions
must be precertified within two days of
confinement.

Failure to follow precertification
requirements will result in a reduction of
benefits. Hospital charges will be
considered at 80 percent if precertification
steps are not taken. If a second surgical
opinion was required and not obtained, the
surgical benefit will be reduced by at least
50 percent. Also, charges for additional
days of confinement which are not
approved will not be payable. The
maximum penalty for not following
precertification procedures is \$5,000 per
calendar year.

Questions regarding Managed Care may
be referred to the Employee Benefits
Division (865-1473).

Wellness Wake Up

The Office of Faculty/Staff
Health Promotion and the Recreational
Sports Fitness Program will again
offer the early morning health and
fitness program "Wellness Wake Up." This
program for early risers will meet Monday
through Friday from 6:30 to 7:30 a.m. in
Recreation Building beginning May 13th.
Wellness Wake Up provides a supportive
and educational atmosphere for the
beginning exerciser as well as the regular
participant. Over 50 faculty and staff to
date have enjoyed exercising before the
workday begins.

Participants in the program receive pre-
and post-fitness assessments, assistance in
developing individualized exercise
programs, and supervision in activities such
as aerobics, weight training, stationary
cycling, walking, and running. The program
also includes an educational component
addressing such topics as cholesterol
awareness, weight control, stress
management, and healthy back exercises.

The cost for the Intervention and Summer
sessions is \$50 and enrollment will be
limited to the first 100 participants.
Registration forms and further information
may be obtained by calling Patti Kenney at
865-5401 or Nancy Sassano at 865-3085.

Bookshelf

Anthony Cutler, research professor of art history, served as art history editor for the recently published *Oxford Dictionary of Byzantium*, compiled at Dumbarton Oaks, the Harvard University Center for Byzantine Studies in Washington, D.C.

The *Oxford Dictionary of Byzantium* is a three-volume work of approximately 5,000 entries combining the contributions of 127 scholars from 17 countries.

The dictionary breaks through traditional perceptions and offers the first comprehensive study of the Byzantine world.

"Byzantium is not just the story of emperors and priests. The dictionary gives equal time to the common person with his or her everyday interests," said Dr. Cutler, who also is a Fellow of the University's Institute for the Arts and Humanistic Studies.

While there are entries for every emperor, the dictionary also discusses contraceptives, sexual mores, attitudes toward women, kitchen utensils, farm equipment, taxes and popular music. There is even an entry on bread, which deals with it not only as food, but also as an important symbol in Byzantine religion.

"Byzantine art as represented by icons, mosaics and ivories seems to us stiff, lifeless and hierarchal, yet to the Byzantines it was lively and representational," Dr. Cutler added.

The dictionary received both outright grants and matching federal funds from the National Endowment for the Humanities. Other major benefactors were Andrew W. Mellon Foundation, Dumbarton Oaks, Getty Grant Program of the J. Paul Getty Trust and Samuel H. Kress Foundation. Other funding came from Menil Foundation, Gordon Fund, Capt. Nicholas Kulukundis and Helen McKagen.

Lynn Carbon Gorell, assistant professor of Spanish, and Michael Finnemann, of Augustana College, are co-authors of the first process-oriented, reading-to-write text for Spanish composition courses.

The text departs from traditional grammar reviews often used in advanced composition classes in its use of readings as models for compositional analysis. It emphasizes five writing styles: description, narration, report, opinion/persuasion and argumentation.

The book, *De Lector a escritor, desarrollo de la comunicacion escrita*, designed for third-year college and university courses, is published by Heinle and Heinle.

Robert E. Griffin, instructional specialist in The Small College of Business Administration, is the author of *Harvard Graphics: Creating Effective Visual Presentations*.

Published by Course Technology Inc. of Cambridge, Mass., the text is designed to teach students to make presentations through the use of effective graphics.



Example of textile art from the Byzantine world

Peter H. Hahn, assistant professor of history at Penn State Erie, The Behrend College, is author of *United States, Great Britain and Egypt, 1945-1956: Strategy and Diplomacy in the Early Cold War*, published by the University of North Carolina Press.

Dr. Hahn's book is the first comprehensive scholarly account of the strategic relations between the United States, Britain and Egypt during the Cold War period. He illustrates how the United States sought to establish stability in Egypt and the Middle East to preserve Western interests, to deny Soviet access to regional resources and to prevent the outbreak of war.

Using recently declassified American and British political and military documents, Dr. Hahn gives a comprehensive view of how individuals as well as domestic and international issues affected policy developments, how U.S. officials advanced their interests in Egypt, and how the U.S. growing influence and commitment to Middle East security paralleled Britain's decline in power in the region.

The Department of Art History announces the publication of *All the World's a Stage: Art and Pageantry in the Renaissance and Baroque, Papers in Art*

History from The Pennsylvania State University, Volume VI (University Park, 1990, 620 pages, two volumes in slipcase).

This publication of the seminal research of 15 scholars, edited by **Barbara Wisch** and Susan Scott Munshower, was made possible by the endowment established for the papers in art history by Jack and Mary Louise Krumrine and a grant from the Office of the Vice President for Research at the University.

In addition to a detailed introduction, Dr. Wisch contributed an article titled "The Roman Church Triumphant: Pilgrimage, Penance and Processions Celebrating the Holy Year of 1375."

Donna Pequet, associate professor of geography, is co-editor with Duane F. Marble, professor of geography at Ohio State University, of *Introductory Readings in Geographic Information Systems*, published by Taylor and Francis Ltd. (London, New York, Philadelphia).

The book brings together for the first time a balanced collection of significant papers in the rapidly expanding field of geographical information systems (GIS). Geographic information systems are designed to store, manipulate, analyze, and display large volumes of spatial data derived from maps, satellite imagery and other sources.

Introductory Readings in GIS is intended to provide supplementary reference materials for students and for practicing professionals. The book has special significance because the existing GIS literature is widely scattered in journals and technical reports of numerous disciplines.

Science Education in the United States: Issues, Crises and Priorities, published by the Pennsylvania Academy of Science, describes the state of science education in the United States and evaluates and analyzes the present crisis while searching for solutions to this pervasive problem.

Shyamal K. Majumdar, professor of biology, Lafayette College, and Leonard M. Rosenfeld, professor of physiology, Jefferson Medical College, and Penn State's **Peter A. Rubba**, associate professor of science education and science, technology and society; **E. Willard Miller**, professor emeritus of geography, and **Robert F. Schmalz**, professor of geology, are editors of this compendium of 45 chapters written by knowledgeable and well-known professional scientists, science educators, and policy makers.

The book is divided into sections covering the state of science education, primary and secondary science education, postsecondary science education, the roles of government, professional societies and industry in science education, a broad view of science education, special programs and critical issues. The final chapter consists of the editors' reflections on science education.

Other University contributors include **Robert L. Shrigley**, professor of education; **Rosalyn Gates**, doctoral candidate in curriculum and instruction; **Rustum Roy**, Evan Pugh professor of the solid state; **Charles L. Hosler**, acting executive vice president and provost; **Del Sweeney**, special assistant to the executive vice president and provost, and **Leonard J. Waks**, professor of science, technology and society.

Frank J. Swetz, professor of mathematics and education, and **Jefferson S. Hartzler**, chair of Mathematical Sciences and Computer Sciences, at Penn State Harrisburg, are the authors of *Mathematics Modeling in the Secondary School Curriculum*, published by the National Council of Teachers.

The book is designed to use models to explain mathematical equations.

Written for secondary education teachers, it is based upon a type of math used in industry, and makes use of situations problems such as the design of a parking lot and the marketing of a concert to explain complex equations.

Private Giving to Penn State

Carnegie Corp. awards grant

The Carnegie Corporation of New York has awarded the College of Health and Human Development a grant of \$493,000 for a study of the problems and opportunities of adolescence.

The unique and comprehensive effort will be known as the PRIDE Project, an acronym for Policy, Research and Intervention for Development in Early adolescence. PRIDE is designed to help parents, professionals and groups that serve youth develop the most beneficial programs for youngsters.

"As we learn more about how younger teen-agers feel, learn, interact and behave in different circumstances, our knowledge can guide future research, policy and programs," Dean Anne C. Petersen, project director, said.

The Carnegie Corporation founded the Carnegie Council on Adolescent Development in 1986. The council's goal is to generate public and private interest in measures that prevent damaging problems in adolescence and promote healthier adolescent development. "The problems of adolescence center on a fateful time when poorly informed decisions have lifelong consequences,"

David A. Hamburg, Carnegie Corporation president, said. "The tortuous passage from childhood to adulthood requires our attention, our understanding, and a new level of thoughtful commitment."

The Penn State team includes experts in a number of academic disciplines that have some impact on adolescence, including those in nursing, health education, human development, nutrition, exercise physiology, family studies, pediatrics, psychology, sociology, education, communication and the media, and marketing.

The grant is the second Carnegie has awarded to the college within the year. The first was a planning grant of \$110,000 last November to prepare for this full-scale research project.

"No other university has the number of outstanding researchers with expertise in early adolescence as we have at Penn State," Dean Petersen said. "This project will bring the considerable talents of these scholars to bear on the very real needs of young people here and across the nation."



Smart Call

President Thomas, left, and G. David Gearhart, senior vice president for development and university relations, receive instructions on the new, up-to-date telemarketing system, Smart Call, which will enable the Telefund program, part of the Annual Fund for Academic Excellence, to contact more people and make better quality calls. According to Daniel P. Sattig, director of Annual Giving, Telefund this year will raise \$1.8 million from 36,000 gifts. (Photo: Greg Grieco)

Couple pledges \$50,000 to aid first-year MBAs

A Malvern, Pa., couple has pledged \$50,000 in support of graduate business students at the University.

The Jeff and Cindy King Master of Business Administration Fellowship will provide \$5,000 to academically promising first-year MBAs in The Smeal College of Business Administration.

Mr. King, a University alumnus with a bachelor's degree in marketing, is the president of NPI, a real estate investment, property management and development business based in Wayne,

Pa. The firm was founded in 1971 by Mr. King and fellow Penn Stater Brian R. Keller.

Today, NPI manages 3,700 apartment and townhouse dwelling units throughout the Delaware Valley, with holdings valued at \$160 million.

While at Penn State, Mr. King was a member of Phi Kappa Sigma, the American Marketing Association, and played third base for the freshman baseball team. He is a member of the Penn State Alumni Association.

Cindy McCormick King attended Sullins College, Va., and has contributed to NPI's success by assisting with marketing. The Kings' daughter, Julie, is pursuing studies in the College of Health and Human Development.

The Penn State MBA program was ranked eighth nationally among public universities in U.S. News and World Report's most recent poll of business schools.

Gift aids students in Engineering and Health/Human Dev.

Longtime Penn State benefactor Marie Underhill Noll has given \$100,000 for endowments in the colleges of Engineering and Health and Human Development.

Mrs. Noll designated \$50,000 to establish a fellowship for academically promising graduate students in engineering.

The remainder of the gift will endow an undergraduate research program in exercise and sport science. The program aims to expose students to a research environment and stimulate their interest in graduate education and advanced research. Both endowments will be named to honor the donor.

Mrs. Noll of Ithaca, N.Y., is a Cornell University graduate and retired high school teacher. Her husband, A. Robert Noll, earned a bachelor's degree in electrical engineering from Penn State in 1929. He was director of patents for IBM Corp. for many years and died in 1968.

The Noll Laboratory for Human Performance Research, located in the College of Health and Human Development, is named in his honor. Mrs. Noll has continued her husband's interest in Penn State by making numerous gifts for programs in health and human performance and engineering.

Population Issues Research Center receives grant Mellon Foundation awards \$300,000

The Andrew W. Mellon Foundation of New York has given \$300,000 to the Population Issues Research Center as the result of a national competition.

Mellon made the new awards to six universities that had the best faculty and record of achievement in international demographic research and training, according to Dennis Hogan, director of the center and professor of sociology. There are now 10 universities participating in

Mellon-sponsored demographic research.

The \$300,000 will be used for research and training in demography, which is the science of the vital processes of populations — births, deaths, migrations, and marriages. In making the award to Penn State, Mellon cited the collaboration between the University's strong Anthropology Department and the Population Issues Research Center.

"We are pleased that the Mellon

Foundation, which is known for its broad support of scientific research, has recognized our program for its emphasis on how the individual is affected by key cultural and social institutions," Dr. Hogan said.

The center is one of four in the University's Institute for Policy Research and Evaluation. Faculty, as members of the interdisciplinary institute, study international population issues.

Promotions

Staff Exempt

Cazella H. Goodall, to director of constituent relations in Division of Development and University Relations.
Thelma Greco, to assistant to the director, students at Penn State New Kensington Campus.
Donald G. Grimm, to test facilities supervisor, electronic in Applied Research Lab.
Nancy J. Hensal, to manager, employee benefits division in Office of Human Resources.
Julie A. Martinez, to student insurance assistant in Student Services.
Rachel E. Murgas, to financial analyst in Engineering.
Beth A. Patterson, to assistant extension agent in Agriculture.
Teresa F. Robinson, to construction cost specialist in Office of Physical Plant.
Gerald Spates, to minority student and special programs at Penn State Erie, The

Behrend College.
Margaret E. Triplett, to area representative at Penn State Fayette Campus.
Charles H. Wedlake, to test facilities supervisor, mechanic in Applied Research Lab.

Staff Non-Exempt

Ellen M. Cake, to surgical head nurse at Hershey.
Mary Beth Elensky, to senior research technician at Hershey.
Kathleen L. Gonze, to research technician at Hershey.
Scott T. Kramer, to senior research technician at Hershey.
Daniel K. Lucas, to assistant engineering aide in Applied Research Lab.
Samuel A. Martella, to engineering aide in Applied Research Lab.
Mary C. North, to senior research technician at Hershey.

Susan M. Osman, to human resources assistant in Engineering.
Roxanne M. Rishel, to assistant engineering aide in Applied Research Lab.
Cheryl A. Schaner, to senior aeromedical committee specialist at Hershey.
Margaret M. Weeter, to respiratory therapy clinical specialist at Hershey.

Clerical

Kristy K. Catalano, to secretary B in Continuing Education.
Barbara B. Gummo, to accounting clerk in Health and Human Development.
Sandra L. Hillard, to technical secretary B in Applied Research Lab.
Susan E. Houser, to clerk A, Interlibrary Lending in University Libraries.
Mithoo A. Kalra, to secretary B at Hershey.
June M. Kochan, to clerk, bookstore A at Penn State Berks Campus.

Lisa Ludwig, to secretary C in Office of the President.
Donna L. McClain, to accounting clerk in Corporate Controller's Office.
Sandra P. Peters, to clerk typist A in University Safety.
Michelle A. Schwalm, to senior medical transcription at Hershey.
Hope F. Struble, to secretary C in Science.
Lisa D. Zettie, to records team leader in Academic Services.

Technical Service

Barry J. Auman, to mechanic (experimental and maintenance) in Science.
Tracy J. Bastress, to utility worker at Hershey.
Ronald B. Kolb, to food preparer A at Penn State Hazleton Campus.
Louis W. Zimmerman, to lab maintenance technician in Science.

Penn Staters

Frederick de Armas, professor of Spanish and comparative literature, presented a paper at a session on invisibility and chaired another session on Spanish Golden Age drama at the 12th International Conference on the Fantastic in the Arts.

Jude Cassidy, associate professor of psychology, has received the Boyd R. McCandless Young Scientist Award from the American Psychological Association. The award recognizes outstanding young scientists who have made significant contributions to developmental psychology in the early years of their careers.

David P. Christy, associate professor of management science, presented a seminar on research methods at the University of Helsinki, Finland.

Mary Gage, Australian playwright and Theatre Department faculty member, has been awarded a Creativity Fellowship by the Alden B. Dow Creativity Center at the Northwood Institute in Midland, Mich.

Elizabeth Hanley, assistant professor of exercise and sport science, delivered an invited paper titled "Sport for All and the Arts" to the British Olympic Academy at Sheffield University in Sheffield, England.

Rangachar Kasturi, associate professor and acting director of Computer Engineering, presented an invited talk titled "Techniques for Line Drawing Interpretation: An Overview" at the

International Workshop on Machine Vision Applications in Tokyo, Japan.

Gary H. Koopmann, professor of mechanical engineering, and **John S. Lamanuca**, associate professor of mechanical engineering, have been awarded a \$318,658 renewal to their research contract with the U.S. Office of Naval Research. The contract, extended until December 1992, supports their study "A Strategy for Designing Quiet Piping Systems Using Composites with Actively Controlled Material Properties."

Manfred Kroger, professor of food science, has been invited to serve on the new Academic Science Advisory Council of the International Dairy Foods Association, which will address product safety, nutrition and health and product quality.

Robert Lima, professor of Spanish and comparative literature, read his poetry on the fantastic and participated on a panel of creative writers from England, Canada and the United States at the 12th International Conference on the Fantastic in the Arts.

Barnes W. McCormick, Boeing professor of aerospace engineering, has been appointed the U.S. national coordinator of the Flight Mechanics Panel of AGARD, an aerospace advisory group to NATO, by the Department of Defense.

Londa Schiebinger, assistant professor of history and women's studies, has

received a Guggenheim Fellowship for her work on the politics of 18th-century natural history. Her book *The Mind Has No Sex? Women in the Origins of Modern Science* was published by Harvard Press in 1989.

Michael A. Smyer, associate dean for research and graduate studies in the College of Health and Human Development, has been named chair of the American Psychological Association Task Force on Psychopharmacology. The task force is charged with making recommendations about whether psychologists should be permitted to prescribe certain kinds of drugs.

Adam J. Sorkin, associate professor of English at the Penn State Delaware County Campus, has been elected recorder of the American Culture Association for a four-year term of office beginning this year.

Roger Sweeting, associate professor of physical education at Penn State Erie, The Behrend College, has been appointed to a three-year term as a member of the Exercise Science and Wellness Task Force of the National Association for Sport and Physical Education.

Eric R. White, director, Division of Undergraduate Studies, and affiliate assistant professor of education, has been elected president-elect of the Association of Deans and Directors of University Colleges and Undergraduate Studies.

Smeal College, IBM join in new partnership

The Smeal College of Business Administration and IBM have joined in a new partnership. A major feature of the program is the installation of an IBM AS/400 computer in the Center for Academic Computing.

Valued at more than \$850,000, the mid-sized information processor will be used in the creation of an innovative computer-assisted advising system for students of the Smeal College, as well as for instructional purposes.

"The educational benefit of this partnership to our students will be enormous," Dean **J.D. Hammond** said. "The ability for them to use the AS/400 for guidance in selecting courses, business majors and careers will add significantly to their ability to make decisions."

"The computer also will enhance our course offerings in all academic areas. I can think of no better example of the positive value of a strong link between our business school and a leader in the corporate community such as IBM."

The University's proposal to become an IBM partner was developed by **David P. Christy**, associate professor of management science. Dr. Christy also is head of a committee conducting a top-to-bottom review of the University's MBA program.

IBM University Partners Program was created in 1989 and now involves a dozen American institutions. The AS/400 is designed for companies and organizations with heavy data-processing requirements. Typical applications are for accounting, invoice control and records management.

Focus on Research

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Intercom
May 2, 1991

Intelligent sprinklers save fruit crops from frost damage

An experimental artificial intelligence (AI) system can protect fruit crops from frost and heat damage, deliver fertilizer and fungicides and save water, according to a team of University researchers.

"The purpose of the system is to automatically control irrigation to protect fruit from heat and cold and to deliver various chemicals in appropriate doses," **Paul Heinemann**, assistant professor of agricultural engineering, says.

Sprinkling crops with water to protect against spring frosts and summer heat is a standard procedure. In spring, the freezing water keeps the buds, blossoms and fruit from chilling below 32° Fahrenheit; in summer, the evaporating water cools the fruit.

Routine practice is to turn the water on when the



Researchers Barbara Goulart, Charles T. Morrow (standing) and Paul Heinemann are shown with some of the sprinkler equipment used in testing methods of protecting strawberries from frost and heat damage. The research is conducted at the Russell E. Larson Agricultural Research Center. (Photos: Greg Grieco)

temperature rises above or falls below a certain level and leave it on until temperatures are more favorable.

The research team, which includes Dr. Heinemann, **Charles T. Morrow**, professor of agricultural engineering, **Barbara Goulart**, assistant professor of horticulture, and **Timothy Stombaugh**, agricultural engineering graduate assistant, tested the artificial intelligence system against frost on strawberries last spring.

"During one frost last spring, the AI system reduced strawberry crop damage to 1 or 2 percent, while the unsprinkled field showed approximately 50 percent damage," Dr. Heinemann says. "At the same time, the system can potentially use 50 percent less water than a manually controlled system."

"A human manager would look at variables like temperature, rate of temperature drop and wind speed and decide whether or not to turn on the sprinklers. The artificial intelligence system does the same thing. The computer reads the air temperature, dew point, wind speed and blossom temperature, passes it through a rule-based system and decides either to turn on the water or continue to monitor the situation."

Rule-based systems work by asking a series of questions in the same way experts make decisions. For example, the system might determine if air temperature, blossom temperature and wind speed are below certain levels. If the answers to these questions is yes, then the system would turn on the water.

In reality, the decision process is more complicated.

For example, if the wind speed is too high, watering would do more damage than freezing. Consequently, the rule base must be carefully constructed to take into account all possible combinations of variables.

"After the system decides to turn on the water, the next question is how much?" Dr. Heinemann says.

Unlike manually controlled irrigation systems, the computerized system can carefully regulate water use, pulsing the spray to apply the least amount of water possible.

The artificial intelligence system can plug the various temperature and wind speed variables into an equation and determine how long it will take the water to freeze or evaporate. The system can be timed to start up just before the last water evaporates or freezes.

"When water is used to cool fruit in the summer, there is an increased chance of disease. Fungicide can be placed in the irrigation water to eliminate this problem and minimize the amounts of chemicals needed," he adds.

"The normal method used to apply fungicide, or other chemicals, is to drive through the field and spray. With this method, large portions of the fungicide never make it to the plants. Application through the same irrigation system used for frost and heat protection delivers a larger percentage of the chemical exactly where it is needed."

He notes that other chemicals such as fertilizers and insecticides also can be applied via the irrigation system.

— A'ndrea Elyse Messer



Paul Heinemann

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. **APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304).** Applications for these staff vacancies will be accepted until May 9. **DO NOT CONTACT THE AREA THAT HAS THE VACANCY.** Applications for staff vacancies are considered in accordance with Fair Employment Practices (PS-1) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as disabled by law), sex, or status as a disabled or Vietnam era veteran.

■01460, Assistant to the Director of Student Programs and Services (Athletics and Recreation), Altoona Campus, Student Programs and Services—Responsible to the director of student programs and services for the development, conduct, coordination, scheduling, administration, promotion

and evaluation of intercollegiate intramural, recreation and personal fitness activities. Requires bachelor's degree, or equivalent, in recreation and parks or related field of study plus two to three years of effective experience. WOI and first aid certification helpful. This is a fixed-term position funded from Aug. 1, 1991, through May 31, 1992. NOTE: working hours for this position are noon to 9 p.m. **STAFF GRADE 0**

■01461, Police Service Officer, Altoona Campus, Police Services—Responsible to the supervisor, Police and Safety Services, for carrying out the functions of protection of life and property, preservation of peace and good order of the community, enforcement of laws, public safety, investigative work and other related duties. Requires associate degree, or equivalent, in academic credits and one to two years of effective law enforcement experience. Requires satisfactory completion of the Pennsylvania Municipal Police Officer Training Program or its equivalent. **STAFF GRADE 5.**

■01462, Student Activities Assistant, Altoona Campus, Student Programs and Services—Responsible to the

assistant director of student programs and services for a variety of responsibilities in the areas of campus activities and events. Requires bachelor's degree, or equivalent, in a student services related area plus one to two years of effective experience in student activities and/or theatre production, etc. NOTE: working hours for this position are noon to 9 p.m. **STAFF GRADE 5.**

■01463, Supervisor, Food Services, Housing and Food Services, Berks Campus—Responsible to the manager, Housing and Food Services, Commonwealth Campuses, for all phases of a specific dining commons operation. Requires bachelor's degree, or equivalent, plus one to two years of effective experience. NOTE: supervisor-in-training position—applicant must be open to relocate to any Commonwealth Campus location. **STAFF GRADE 5.**

Hershey

For the following position vacancies, apply directly to The Milton S. Hershey Medical Center. Attach resume with cover letter indicating the position vacancy code and forward to the

Department of Human Resources, Hershey, or call the Hershey bid line at (717) 531-8531 by May 9.

■1911, Administrative Head Nurse, Department of Nursing/Medical Services, Hershey Medical Center—Responsible to the nursing manager, assigned nursing unit, for assistance in handling the day-to-day administration of the assigned nursing unit; assume responsibility in her/his absence. Requires bachelor's degree in nursing from an accredited school of nursing plus 1-2 years of effective experience and current license to practice as a registered nurse by the Pennsylvania State Board of

In addition, there are a number of positions that, because of the frequency with which they become vacant, are still available after employees in the work unit have been considered. Some such positions are available on a fairly regular basis. They are not announced each time they are open. Instead, they are announced periodically so a pool of interested candidates can be developed. Applications for such positions may be made at any time, and you are welcome to make your interest known to the Employment Division for further consideration when such vacancies occur. These positions are:

Position title
01424, Assistant Research Engineer
01425, Assistant Research Engineer
01426, Research Engineer
01427, Senior Research Engineer

Location
ARL
ARL
ARL
ARL

Internal candidates sought for new position

A search and screening committee has been formed to seek internal candidates for a new position, undergraduate fellowships coordinator, according to **C. Gregory Knight**, vice provost and dean for undergraduate education.

Nancy L. Herron, administrative fellow in the Office of the President, will chair the committee. Members include **Jerry B. Covert**, associate dean for undergraduate education; **Anna Griswald**, director of financial aid; **Gerard A. Hauser**, director of the University Scholars Program; **Robert N. Pangborn**, professor of engineering mechanics; **Joseph E. Schall**, instructor in the College of Earth and Mineral Sciences; **M. Joan Schumacher**, graduate student financial resources director; **Elizabeth Smith**, professor of art history; and **Rebecca A. Young**, staff support assistant to the vice provost and deans/administrative and personnel services.

The coordinator will be responsible to the vice provost and dean for undergraduate education for directing the Undergraduate Fellowships Office which will be housed in Willard Building and will work closely with the University Scholars Program.

Primary duties include promotion within the university community of activities related to the identification, recruitment, nurturing, and formal application by Penn State undergraduate students to nationally recognized award-granting programs.

The position is a three-year, half-time appointment concurrent with the academic year. Candidates should hold a tenure track faculty, standing staff, or administrative position and should have strong interest in undergraduate students and the advising/mentoring process. Previous experience working with awards, prizes, and fellowship applications is desirable as is

directing students in communication, writing, critical thinking, and interviewing skills.

The position is available on or before Aug. 15. The search and screening committee will begin reviewing applications on June 1.

Applicants should submit a letter of application, a current curriculum vitae, and arrange for three letters of recommendation to Nancy L. Herron, chair, Search and Screening Committee for Coordinator of Undergraduate Fellowships, 207 Old Main, The Pennsylvania State University, University Park, PA 16802.

Carpooler

Lisa and Shirley are looking for one or two riders from the Redwood-Milroy area to University Park. Work hours are 7:30 a.m. to 4:30 p.m. Call 863-3250.

Vice provost to speak

Grace Hampton, vice provost, will be the featured speaker at the spring banquet of the Penn State Chapter of Educational Office Personnel at 6 p.m. Wednesday, May 15, at the Holiday Inn, State College.

Presentation of the sixth annual Outstanding Office Personnel Award will be made at the banquet. FSEOP established the award to give recognition to University staff who have provided exceptional meritorious service on behalf of Penn State.

In addition, the installation of newly elected officers will be held.

The Penn State Chapter of Educational Office Personnel is a professional organization whose membership consists of faculty, staff, staff-nonexempt, clerical and technical services.

For information, call Sharon Rolley, president, or Lois Summers, membership chair, at 863-2211.

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William E. Campbell Jr., Editor
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Assistant Editor
Kathy Garman, Calendar

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INTERCOM

May 16, 1991

Volume 20, Number 32

University ranks fourth in Guggenheim Fellowships

Penn State ranks fourth among U.S. universities and colleges in the number of Guggenheim Fellowships received by faculty for 1991-92.

Awards recently were announced for three University faculty members: **Londa Schiebinger**, assistant professor of history and women's studies; **Christopher Uhl**, associate professor of biology, and **Joseph J. Villafranca**, Evan Pugh professor of chemistry and director of the Center for Biomolecular Structure and Function. They are among 143 scientists, artists, and scholars chosen nationwide as winners of the John Simon Guggenheim Memorial Foundation's 67th annual Fellowship competition. Guggenheim Fellows are named on the basis of unusually distinguished achievement in the past and exceptional promise for future accomplishment.

"This prestigious honor demonstrates the excellent quality of our faculty in the liberal arts and the sciences," Charles Hosler, acting executive vice president and provost of the University, said. In fourth place, Penn State joins nine other universities and colleges that each had



Londa Schiebinger

three fellowship recipients: University of Pennsylvania, University of Illinois at Urbana-Champaign, Johns Hopkins University, Barnard College, Vanderbilt University, Stanford University, New York



Joseph J. Villafranca

University, University of Chicago and Northwestern University.

The top rank went to University of California at Los Angeles, with seven fellowships, followed by Harvard and

Princeton universities, each with five, and Yale University with four fellowships.

Dr. Schiebinger's award will enable her to pursue archival research in England, France and Germany related to her project on the politics of 18th-century natural history.

She received the University's Roy C. Buck Award for her article "The Anatomy of Difference: Race and Sex in 18th-Century Science," which appeared in *Eighteenth Century Studies*. She is author of the book *The Mind Has No Sex? Women in the Origins of Modern Science*, published by Harvard University Press in 1989.

She is a specialist in early modern European history, particularly the history of science, intellectual and social history, and women's history.

Dr. Uhl will receive support to explore issues of rational land use in the Amazon region. He is a specialist in the study of rain forest ecology and has worked in South America's Amazon basin for 17 years.

His previous awards include Fulbright Foundation and McArthur Foundation. See 'Guggenheim' on Page 6.

Site of Mateer Building at University Park is dedicated

Leaders of the national hospitality industry joined University officials and friends of A. Laura Mateer on Saturday, May 4, at a dedication of the site for the Mateer Building at University Park.

Named for Mrs. Mateer and her late husband, Martin C. "Matty" Mateer, the building will house the School of Hotel, Restaurant, and Institutional Management.

"Our space needs at the University Park Campus are many and serious," President Thomas said. "It is encouraging to know that the needs of HRIM will be - in the not too distant future - met. We are deeply grateful to Laura Mateer, and it is an honor to dedicate this site for a building that will bear the Mateer name."

Joining Dr. Thomas in the dedication were Marian U. Coppersmith Fredman, president of the Board of Trustees, Stuart H. Mann, the school's acting director, and Gary J. Budge, chairman of the school's alumni fund-raising committee.

The Mateer Building will be a \$5.0 million, state-of-the-art facility that will support the growth and application of technology in hospitality and food service. It will include a research and teaching kitchen, hospitality information systems

laboratory, production kitchen, dining room, technology research and instruction center, resource/learning center and media demonstration auditorium.

It also will house classrooms and offices for faculty and administrators. Construction is slated to begin in the fall.

"The Mateer Building will stand as a symbol of Laura's continuing friendship and support for the program that Matty helped to start," Anne C. Petersen, dean of the college, said.

Mrs. Mateer, who lives in Fort Lauderdale, Fla., has given more than \$1.5 million to the school's building fund. She and Mr. Mateer, who died in 1971, were longtime State College residents. As manager and part owner of the Corner Room restaurant and State College Hotel for nearly 50 years, he was instrumental in establishing Penn State's curriculum in hospitality management, the nation's fourth oldest, in 1937. Mrs. Mateer, an Altoona native, was made an honorary alumna of Penn State in 1989.

Additional financial support for the building has come from alumni and friends of the school, and from the University



Taking part in dedication of the site for the Mateer Building at University Park are, from left, Stuart H. Mann, acting director of the School of Hotel, Restaurant, and Institutional Management; Anne C. Petersen, dean of the College of Health and Human Development, President Thomas; Marian U. Coppersmith Fredman, president of the Board of Trustees; A. Laura Mateer, and Gary J. Budge, chairman of the school's alumni fund-raising committee. (Photo Dave Shelly)

Focus on Diversity

Minority scholars to participate in summer program

Twelve outstanding minority scholars, specializing in subjects from Australian Black contemporary performing arts to Chinese statecraft thought, will participate this summer in the University's fourth annual Scholars in Residence program.

The scholars will teach summer courses at University Park, Allentown, Ogoniz, DuBois, Delaware County and Penn State Harrisburg.

The program is designed to provide opportunities for minority scholars to spend time at Penn State and become familiar with the University's activities and programs while increasing cultural diversity.

"We take great pride in having these respected scholars teach and perform research on our campuses this summer," Nancy Tischler, director of the Office of Summer Sessions, said. "We hope they will enjoy interaction with our students, intellectual exchange with our faculty, discover our rich academic resources and experience the cultural and natural beauty of summer in Pennsylvania."

The scholars are **Ron-Guey Chu**, St. Lawrence University; **Alexander G. Gonzalez**, State University of New York at Cortland; **Oliver St. Clair Headley**, University of the West Indies; **Melvin L. Heard**, University of Illinois, Chicago; **Rufus Sylvester Lynch**, Supreme Court of Pennsylvania;

Arthur D. Martinez, Western New Mexico University; **Amayora Nora**, University of Illinois, Chicago; **Laura I. Rendon**, North Carolina State University; **Susan T. Samples**, Mt. Saint Mary's College; **Justine Saunders**, Australian actress; **Luz Maria Umptierre-Herrera**, Western Kentucky University, and **Hollie Walker Jr.**, Memphis State University.

Dr. Chu, a visiting assistant professor of religious studies at St. Lawrence University since 1989, will teach oriental philosophy and eastern religions at the Penn State Ogoniz Campus. His research interests include Chinese statecraft.

Dr. Gonzalez, assistant professor of English, State University of New York at Cortland, has research interests in Irish fiction in the age of Joyce. He will teach a

course in contemporary Irish women poets at the Penn State DuBois Campus.

Dr. St. Clair Headley, University of West Indies' reader of solar energy, has a doctorate in inorganic chemistry from University College, London. He will teach an introduction to chemistry course and study solar energy at Penn State Harrisburg.

Dr. Heard, associate professor of mathematics and assistant dean of University of Illinois, Chicago's College of Liberal Arts and Sciences, has research interests in viscoelastic fluids and dynamical systems. He will teach a course on the Kato method for nonlinear differential equations at University Park.

Dr. Lynch, director of the court management of the Pennsylvania Supreme Court, has a doctorate in social work from the University of Pennsylvania. He will teach an introduction to social work and

social welfare course at the Penn State Delaware County Campus.

Dr. Martinez, Western New Mexico University professor of political science, has published numerous articles on international law, methods of philosophy of education, and the experience contributions and the status of Chicanos in the United States. He plans to teach a course at the Penn State Allentown Campus.

Dr. Nora, University of Illinois at Chicago assistant professor higher education, conducted extensive research and has delivered numerous presentations on retention of people of color in higher education. He will teach a minority retention in higher education course at University Park.

Dr. Rendon, associate professor of higher education at North Carolina State University, has given numerous presentations on improving the retention of

'We take great pride in having these respected scholars teach and perform research on our campuses this summer.'

— Nancy Tischler

Black-Americans/African-Americans, Native American Indians and Hispanics in community and four-year colleges. At University Park, she will team-teach a minorities in higher education course with Dr. Nora.

Dr. Samples, Mount St. Mary's College associate professor of language and literature, has interests in studying the Arthurian legend in medieval German tradition and the female figure in German literature. She will teach a comparative literature course at University Park.

Mrs. Saunders, an actress who has performed in numerous Australian plays, television programs and films, will lecture in courses in Australian studies, Black/Aboriginal programs, women's studies and theater performance at University Park.

Dr. Umptierre-Herrera, Western Kentucky University department head and professor of modern languages and intercultural studies, will teach a women's studies course, conduct a poetry reading and deliver two workshop presentations to the Women's Studies Program faculty at University Park.

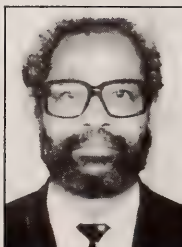
Dr. Walker, associate professor of health at Memphis State University, will teach two courses on health issues impacting minorities at University Park. His research interests include aging, health appraisals and minorities majoring in health.



Ron-Guey Chu



Alexander G. Gonzalez



Oliver St. Clair Headley



Rufus S. Lynch



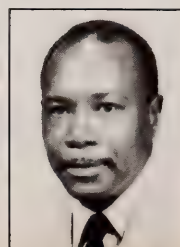
Arthur D. Martinez



Laura I. Rendon



L. M. Umptierre-Herrera



Hollie Walker Jr.

Focus on Diversity cont.

'Women Forging the Future' is conference theme

Washington Post columnist Judy Mann and Dorothy Jones, president of the National Association of Commissions for Women, will be the featured speakers at the 1991 'Women Forging the Future' Conference June 8 at University Park Campus. The conference is sponsored by the Pennsylvania Commission for Women.

"The conference goals are to focus attention on public policy affecting emerging and established women leaders in Pennsylvania, to demonstrate to participants an action-oriented approach to leadership, emphasizing skill-building and information, and to encourage informal networking around specific areas of interest to women, and to showcase women leaders in Pennsylvania," Mary DuPuis, chair of

the Penn State Commission for Women, a co-sponsor of the conference, says.

Events include workshops and open caucuses for networking. Workshop themes are political empowerment, personal development, educational reform, social change and economic development.

Caucus topics are women in higher education administration, women in politics, issues for women of color, union women issues, sexual harassment, caregivers for the elderly, gender-fair education, volunteerism and substance abuse/AIDS.

In addition to her *Washington Post* column "A Mann for All Seasons," Ms. Mann also has written for many magazines, including *Ms.*, *Working Woman* and *Reader's Digest*. She has won many newspaper awards, including the Mass Media Award from the

American Association of University Women.

In 1989, Ms. Jones was elected president of the National Association of Commissions for Women, an organization that unites 210 state, county and local women's commissions and deals with the concerns of women and their families through legislative action and testimony at public hearings. Previously, she was a board member of the National Committee on Pay Equity.

The fee is \$50 per person for all sessions and lunch. A limited number of scholarships based on financial need are available. Deadline for registration is May 24. For more information, contact the Pennsylvania Commission for Women at (717) 787-8128.

Diversity Opportunities Calendar

Thursday, May 23

Commission for Women, meeting, 1:30 to 3:30 p.m., 256 Hammond Building. For information, contact Lynn Ryan, 863-1683.

Thursday, May 28

Professional Women at Penn State, 11:45 a.m. to noon, Eisenhower Chapel Frizzell Room. Panel discussion on balances in life. For information, contact Cheryl Stroud, 863-3198.

Diversity workshop will focus on transportation employees

Transportation employees in the community and on campus will be the target audience for the sixth in a series of cultural diversity workshops aimed at creating a more hospitable environment for people of diverse ethnic and racial backgrounds.

The workshop will be held from 9 a.m. to 3:30 p.m. Tuesday, June 25, in the State College Borough Council Room, second floor of the Borough Building, 118 South Fraser Street, State College.

According to workshop leader, W. Terrell Jones, special assistant to the provost for underrepresented groups, the goal of the workshops is to help participants understand cross-cultural differences and provide new and better insights into dealing with people from a culturally diverse perspective.

Dr. Jones said that particularly in the transportation area—ranging from new and used car dealers, bus and taxi drivers, to bus and airport employees—cultural differences can pose problems for both the service provider and persons from another

culture. Time schedules, traffic laws, exchange of money, and language barriers are just some of the factors that can affect how client and provider react to one another.

Participants in the one-day workshop will be welcomed by Mayor Arnold Addison. The workshop is offered free to participants and includes a light diet lunch. Up to 25 persons can be accommodated on a first come, first served basis.

Interested persons from the community should call the State College Area Chamber of Commerce at 237-7644. University employees wishing to take part should call University Relations at 865-2501. Those who cannot be accommodated will receive early notification about future workshops. Deadline for registration is June 14.

The workshops are planned and co-sponsored by the Office of University Relations and the State College Area Chamber of Commerce. To date, more than 90 persons in the community and on campus have participated.

Women's conference

The Seventh Annual Luzerne County Women's Conference will be held from 8:30 a.m. to 4:30 p.m. Saturday, June 1, at the Penn State Wilkes-Barre Campus.

This year's theme is "We, the Women of the World," and Elizabeth Dodson Gray, environmentalist, futurist, teacher, theologian, author and mother of two children, will be the guest speaker.

Among the sponsors are all the higher education institutions in the Wyoming Valley.

To register, contact Melissa Noderer, Wilkes-Barre Campus, (717) 675-9124 or (800) 426-2358.

Value of cultural diversity emphasized

For the third consecutive year, more than 25,000 incoming University freshmen and their families will participate in orientation programs developed to emphasize the value of cultural diversity.

Beginning May 23, the University will conduct 50-minute orientation workshops

for approximately 10,000 students entering one of the University's 22 campuses this summer and fall and approximately 15,000 parents, guardians and other family members.

The diversity workshop is part of a day-long program of academic testing and counseling activities for groups of students and their families held throughout the summer at Penn State locations across the Commonwealth.

The workshops are one of numerous cultural diversity initiatives conducted by the University, including a cultural diversity course requirement for all entering students, beginning this summer.

WPSX-TV program

On Dec. 30, 1935, an epoch in America's history began when a young African-American contralto named Marian Anderson from Philadelphia stunned New York City concertgoers from the stage of Town Hall. In the years that followed, her exceptional voice and unshakable dignity broke through the barriers of racial prejudice, transforming her from singer to symbol to national treasure.

Marian Anderson, a one-hour documentary premiering at 2:30 p.m. Sunday, May 25, on WPSX-TV Channel 3, celebrates the life, career and musical legacy of this remarkable woman, who through the sheer power of her personal character and extraordinary talent made enormous contributions to the course of civil rights.

In a rare interview, Marian Anderson, who celebrated her 89th birthday this year, reminisces about the people, events and influences that shaped her personal and musical development.



Exchange program

Two University of Khartoum, Sudan, professors are visiting Penn State through May 22 as guests of the College of Education. The scholars, Abdel Bagi A.G. Babiker (left), faculty education dean, and Ahmed El Zohair, director of extramural studies, are here to facilitate an exchange program between the two universities. Last fall, the College of Education was awarded a University Affiliations Award from the U.S. Information Agency's Bureau of Educational and Cultural Affairs to initiate exchange program. (Photo: Greg Griesco)

Carpooler

Elizabeth would like to carpool from Philadelphia to University Park. Work hours are 5 a.m. to 1:30 p.m. Call 342-2478 (after 4 p.m.)

Awards

Wilkes-Barre CEO receives Fulbright award for 1991

William A. Pearman, campus executive officer at the Penn State Wilkes-Barre Campus, has received a Fulbright Scholarship for the 1991 Seminar for Administrators in International Education being held in Germany this spring.

A group of approximately 22 American Fulbright grant recipients will visit institutions of higher education in Bonn, Kiel, Hamburg, Berlin and in the Rostock/Baltic area "to study and observe educational developments and international education in the Federal Republic of Germany."

In addition to Dr. Pearman, only one other Pennsylvanian—an administrator from the University of Pittsburgh—is in the group.

The Fulbright program selects scholars to participate on the basis of academic and professional qualifications, as well as their ability and willingness to share ideas and experiences with people of other nationalities and ways of life.

Smeal College honors three for their service to students

Charles H. Smith, Patricia O. Mutzeck and Carol M. Fischer have been recognized for their service to students in The Smeal College of Business Administration.

Dr. Smith, KPMG Peat Marwick professor of accounting, received the Fred Brand Jr. Outstanding Teacher Award; Ms. Mutzeck, academic adviser, received the Fred Brand Jr. Outstanding Advisor Award; and Ms. Fischer, a doctoral candidate in accounting and management information systems, received the Fred Brand Jr. Outstanding Graduate Student Teacher Award.

The Brand awards were established in 1979 through the support of Fred Brand Jr. of Pittsburgh, a 1932 Penn State graduate who went on to a highly successful career in the insurance industry.

Dr. Smith, who is chairman of the Department of Accounting and MIS, was cited for his ability to personalize televised instruction, for his commitment to teaching and for the impact he has had on accounting studies at the University.

A member of the University faculty since 1987, he previously held positions at the University of Illinois at Champaign-Urbana, Arizona State University, the University of Texas at Austin and the University of Washington. He holds a bachelor's degree from the University of Cape Town, South Africa, and master's and doctoral degrees from Penn State.

Ms. Mutzeck was recognized for her ability to communicate with students and to help them adapt to the environment of a major university. She holds a bachelor's degree in French from Penn State, a master's degree in French and linguistics from Georgetown University and a Pennsylvania teaching certificate.

Ms. Fischer was cited as a top-quality teacher and all-around educator with a sensitivity to the needs of students. She earned a bachelor's degree in accounting from St. Bonaventure University and an MBA from the State University of New York at Buffalo. She has been an assistant professor at St. Bonaventure and an instructor at Daemen College.

Ceramic scientist receives Young Investigator Award

Altat H. Carim, assistant professor of ceramic science and engineering in the Department of Materials Science and Engineering, has received the 1991 Young Investigator Award of the Office of Naval Research.

He is one of 15 scientists from a field of 316 applicants to receive the award, which provides research funding for three years to assist young scientists in establishing research programs in potentially important areas of investigation.

Dr. Carim's research focuses on the interactions of ceramics and metals in joined surfaces and composite materials. His award-winning proposal concerned the fabrication and characterization of dilute ceramic transitional composites.

A graduate of MIT and Stanford universities, he joined the University faculty in 1990 following post-doctoral work at the Philips Research Laboratories, The Netherlands, and two years on the faculty of the University of New Mexico.

Outstanding Engineering Alumni named

Inventors, entrepreneurs and corporate leaders are among the 12 engineering graduates who received the 1991 Outstanding Engineering Alumni Awards from the College of Engineering for career achievements and contributions to the engineering profession.

The 1991 Outstanding Engineering Alumni are:
— **Fred Breidenbach**, a 1968 industrial engineering graduate and vice president and general manager of GE Aerospace, Government Electronic Systems Division, Moorestown, N.J. The GE Government Electronic Systems Division is the prime contractor for the U.S. Navy's AEGIS defense system and a world leader in the development of advanced, radar-based weapon systems.

— **Arthur B. Carroll**, a 1958 graduate of electrical engineering and president of Carroll Touch Inc., Georgetown, Texas. He is an inventor, entrepreneur and pioneer in computer applications, engineering and technology, and founded Carroll Touch, the world's leading manufacturer of infrared touch input systems in 1973.

— **Edward Edgerley**, president of SITEX Environmental Inc., Kirkwood, Mo., is a 1952 civil engineering graduate. A registered professional engineer in six states and a diplomat of the American Academy of Environmental Engineers, Dr.

Edgerley is the author of more than 30 technical publications and holds two patents in wastewater treatment technology.

— **Kenneth Gible** is the president of Besier Gible Norden, Consulting Engineers Inc., Old Saybrook, Conn. Mr. Gible, a 1961 architectural engineering graduate, recently was chosen as the structural engineer of record for the new Palmer Museum of Art addition.

— **Herbert C. Graves**, a 1950 industrial engineering graduate, is the president and CEO for Standard Steel. Standard Steel, based in Burnham, is the largest private employer in Central Pennsylvania, with 1,800 employees and annual sales of approximately \$250 million.

— **John R. Green**, vice president, technology sales and licensing for Mobil Research and Development Corp., is a 1969 chemical engineering graduate. Mr. Green is responsible for Mobil's worldwide catalyst and licensing business.

— **Felix Kittinski** is a 1949 civil engineering graduate residing in Harrisburg. He is president and chief engineer for F.T. Kittinski & Associates, which he founded in 1959.

— **Richard S. Lashley**, a 1949 mechanical engineering graduate, retired in 1990 from West Penn Power Co. as president. Mr. Lashley has been

active in community and business affairs in Southwest Pennsylvania.

— **John Pursley**, an entrepreneur from Lock Haven, is a 1941 chemical engineering graduate. Mr. Pursley is known for the development of an elegant, patented, high pressure, high temperature fluorination process for the continuous synthesis of chlorine pentafluoride.

— **C. Frederick Sears** is a 1969 nuclear engineering graduate and vice president of nuclear and environmental engineering for Northeast Utilities. Mr. Sears is a leader in the safe operation of nuclear reactors within the nuclear utility industry.

— **Samuel Shuman**, chairman of the board of Julian Speer Co., Columbus, Ohio, is a 1950 mechanical engineering graduate. Julian Speer, a mechanical contracting company, employs 300 people and records annual sales of \$32 million.

— **Lloyd Thomas**, a 1961 agricultural engineering graduate from Broomall, is the head of engineering staff for Northeast National Technical Center Soil Conservation Service in the U.S. Department of Agriculture. Mr. Thomas, with a distinguished career in conservation and land use and 32 years of government service, has served the Soil Conservation Service at all levels.

Awards

Four engineering faculty honored for teaching and research

Four College of Engineering faculty members, **J. Larry Duda**, professor and head of chemical engineering; **James S. Vrentas**, Dow professor of chemical engineering; **Alfred J. Engel**, professor of chemical engineering; and **Stephen R. Turns**, professor of mechanical engineering, have received 1991 Premier Research and Teaching Awards from the Penn State Engineering Society (PSES) and the College of Engineering.

Drs. Duda and Vrentas, who have worked as a research team since graduate school, shared the Premier Research Award. Both completed their master's and doctoral degrees in

chemical engineering at the University of Delaware and began their professional careers at Dow Chemical Co. as research engineers.

They are internationally recognized for research contributions in molecular diffusion in polymer systems and have jointly published 49 scholarly papers in this area. They were awarded the Charles M.A. Stine Materials Engineering and Sciences Award by the American Institute of Chemical Engineers in 1989.

Drs. Engel and Turns each received Premier Teaching Awards.

Dr. Engel, who retires at the end of

the Spring Semester, has ranked among the top four instructors in the department by student evaluations for 32 years. A past recipient of Outstanding Advising and Service awards, he has canceled only one class in 34 years of teaching.

Dr. Engel has developed four new courses, revised two others and developed FORTRAN programs for several design courses, as well as writing a catalysis laboratory manual. He also has helped incorporate computers into the chemical engineering core curriculum.

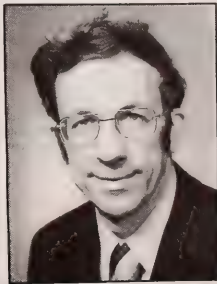
Dr. Turns has developed or revised

six courses and written a textbook, as well as extensive laboratory and other teaching materials. He also has worked on science and engineering education for precollege students, as an advisory board member for a new public television program on space science for grades 4-6 and as the developer of a videotape for use in State College High School calculus classes.

A recipient of a 1985 Outstanding Teaching Award, he is an active researcher in the areas of combustion, combustion engines and optical diagnostics.



J. Larry Duda



James S. Vrentas



Alfred J. Engel



Stephen R. Turns

LA Alumni Society presents seven awards

Seven faculty members have been recognized for their outstanding contributions to the University by the College of the Liberal Arts Alumni Society.

— **Henry W. Johnstone Jr.**, professor emeritus of philosophy, received the Emeritus Distinction Award. Dr. Johnstone retired in 1984, but continues to participate in national and international conferences, publish regularly in prestigious journals, tutor graduate students and contribute to the editing of two Penn State journals.

— **Christiane F. Makward**, associate professor of French and women's studies, received the Distinguished Teaching Award for her dedication to teaching and advising students, as well as her commitment to cultural diversity in her teaching and research on 20th-century Francophone women writers.

— **Carla J. Mulford**, assistant professor of English, received the Roy C. Buck Fund award for her proposed study "Benjamin Franklin and the Discourse of Empire: The Writings on Native Americans."

— **Londa L. Schiebinger**, assistant professor of history and women's studies, received the Roy C. Buck Award for her paper titled "The Anatomy of Difference: Race and Sex in Eighteenth-Century Science," which appeared in *Eighteenth Century Studies*.

— **Marlene Soulsby**, assistant professor of German and humanities at the Penn State Worthington Scranton Campus, received the outstanding Faculty Adviser Award for her student advising in the liberal arts, arts and architecture and in the campus honors and University Honors Programs, as well as her concern for students.

— **John M. Stevens**, professor of public administration, received the Distinction in the Social Sciences Award. He is widely recognized for his work in information systems and strategic management and has made major contributions to the graduate program in public administration by introducing new or totally refocused courses.

— **Vickie L. Ziegler**, associate professor of German, received the Class of 1933 Award for Outstanding Contributions in the Field of Humanities for her inspirational teaching in German language and literature, which includes European history and culture, and for her contributions to the Medieval Studies Program and its conferences, as well as other programs that have brought national and international scholars to the University.

Perez Award presented

Paul K. April, instructor in general engineering at the Penn State Altoona Campus, is the second recipient of the College of Engineering Lawrence Perez Memorial Student Advocate Award.

The award, established in the memory of Lawrence Perez, recognizes outstanding advocacy by a faculty member on behalf of students.

Mr. April is the faculty adviser to all aerospace engineering students at the Altoona Campus and is the campus representative for the College of Engineering.

He joined the Altoona Campus faculty in 1985 after retiring from the U.S. Air Force as a lieutenant colonel. He holds a bachelor's degree from Penn State and a master's degree from the University of Tennessee, both in aerospace engineering. He also holds a Penn State bachelor of arts degree.

Highlight on Undergraduate Education Student research presented at national conference

The University sent a record 35 undergraduates to present research at the fifth annual National Conference on Undergraduate Research held at the California Institute of Technology this spring.

Students in all academic departments and at all campuses compete to present their work at the conference, so the range of topics is unusually broad and the quality is very high. Max King, coordinator of the University Scholars Program, said,

Penn State student researchers were from the University Park Campus and Penn State Erie. The Behrend College. Their topics ranged from "Memory and Architecture Design of a Living Environment for the Elderly" in Architecture, "Corporate Codes of Conduct in Business Law to Jazz for the Music Educator" in Music Education

The majority were in the sciences and engineering with topics ranging from "The Effects of Black Widow Spider Venom on Biological Membranes" in Molecular and Cell Biology, "Starburst Galaxies and the Hard X-Ray Background" in Astronomy and Astrophysics, to "Teichers and Asteroids for Artificial Gravity: Assist to Mars" in Aerospace Engineering.

"Most of the students who attended the conference were members of the University Scholars Program who were reporting the findings of their senior honors theses," Dr. Gerald Hauser, director, said. "In addition, several of our students made presentations based on projects arranged independently with supervising faculty, an option that is now available to students at all campuses through the Research Opportunities for Undergraduates Program."

Dr. Hauser, Dr. King, Norman Freed, associate dean for resident instruction in the Eberly College of Science, and Nancy Brown, editor of *Research/Penn State*, attended the student presentations and met with faculty and administrators from other colleges and universities to exchange ideas on undergraduate research.

"One of the most exciting things about this conference is that students begin to make the transition from being a student to being a professional," Dr. King said. "I heard students refer to themselves as chemists or historians instead of a chemistry or history major. It's also an excellent time for students who plan to go on to graduate school to make contacts with faculty at other universities."

This year with financial support from the Office of the Vice Provost and Dean

for Undergraduate Education, the University Scholars Program, the colleges and individual departments, Penn State was able to send more than double the number who went last year.

Undergraduates at more than 250 colleges and universities presented research abstracts to about 1,100 students, faculty and professionals nationwide. All abstracts will be published in the conference proceedings. Some students have already had or will have their research published as a co-author with their faculty thesis adviser or mentor.

The National Conference on Undergraduate Research was established in 1987 to promote awareness of undergraduate research, scholarship and creative activity in all fields of study.

Spring commencement exercises

Approximately 7,550 students are expected to receive degrees at the 1991 spring commencement exercises at the University campuses.

At University Park, each of the colleges and the Graduate School will conduct individual ceremonies on Saturday, May 18, and Sunday, May

19. Among the speakers is Sen. **Chaka Fattah**, senator of Pennsylvania's 7th Senatorial District in Philadelphia, who will speak at the College of Education ceremonies.

A complete schedule of ceremonies and speakers is in the May 2 issue of *Intercom*.

Guggenheim

Continued from Page 1

awards and research support from the National Science Foundation, National Geographic Society and World Wildlife Fund. He is a member of the Ecological Society of America and the Botanical Society of America.

Dr. Villafraña will collaborate with David Eisenberg, University of California at

Los Angeles, to determine the protein crystal structure of the enzyme glutamine synthetase. This enzyme is important in maintaining the proper level of one of the neurotransmitters in brain tissue that help to maintain normal brain functions.

His lab at Penn State has studied the mechanism of this complex regulatory enzyme since 1975, and has advanced the knowledge of how metal ions trigger other chemical reactions in the brain. Significant

Obituaries

Barbara J. Robinson, secretary A, College of the Liberal Arts, since July 15, 1974, died April 13 at the age of 47.

Evelyn E. Cooper, food preparer, Housing and Food Services, from Sept. 21, 1969, until her retirement May 25, 1980, died April 20. She was 76.

advances in the physical nature of enzyme regulation also have come from these studies.

Dr. Villafraña serves on numerous national committees for organizations such as the American Society of Biochemistry and Molecular Biology, American Chemical Society, Protein Society, and National Science Foundation.

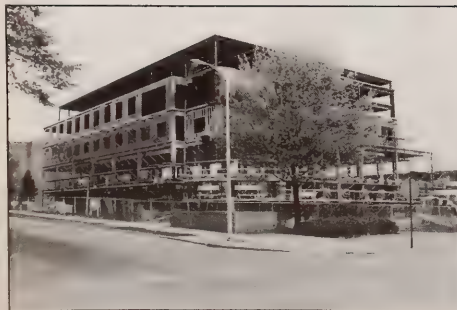
He is on the editorial board of several journals.

Planning Studies

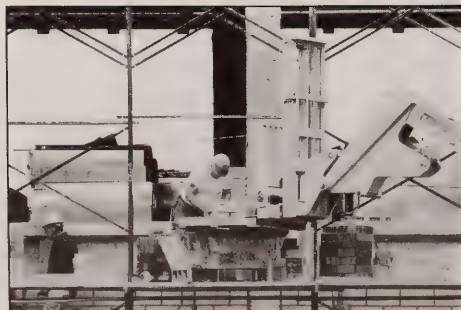
A \$700,000 contract has been awarded to Continuing Education's Planning Studies unit by the Commission on Dietetic Registration of the American Dietetic Association. The award will be used by Continuing Education and the Center for Applied Behavioral Sciences to develop a self-assessment system for dietitians.

Project Director Wayne D. Smutz, acting director of Planning Studies, said the 18-month project will team faculty and staff of the Center for Applied Behavioral Sciences and College of Education with Continuing Education personnel.

Activities planned for the project, scheduled to begin this month, include developing five self-assessment instruments, administrative procedures, a scoring process, and a method for reporting results to participants.



New classroom building



Construction continues on a five-story, 95,000-square-foot classroom and office building at the intersection of Pollock and Shortlidge roads at University Park. The \$11,220,000 structure is scheduled for completion in May 1992. (Photos: Greg Grieco)

University Park Calendar



A one-hour documentary on the life, career and musical legacy of Marlon Anderson will premier at 2:30 p.m. Sunday, May 25, on WPSX-TV. See the story on Page 3.

May 16 – June 2

Special Events

- Thursday, May 16**
Trustees meet at University Park, through May 17.
- Saturday, May 18**
Commencement, through May 19
- Sunday, May 19**
Shaver's Creek, Endangered Species, 1-2:30 p.m.
Call 863-2000.
- Thursday, May 23**
Commission for Women, meeting, 1:30-3:30 p.m., 256 Hammond.
- Saturday, May 25**
Shaver's Creek, A Day in the Life of a Pioneer, 1-3:30 p.m. Call 863-2000.
- Sunday, May 26**
Shaver's Creek, Swampsearchers, 1-2:30 p.m.
Call 863-2000.
- Monday, May 27**
Memorial Day observed. No classes
- Tuesday, May 28**
Professional Women at Penn State, brown bag lunch, 11:45 a.m., Frizzell Room, Eisenhower Chapel. Carol Hermann on "A Woman's Perspective of Administration"
- Saturday, June 1**
Shaver's Creek, Summer Camp-out for Single Parent Families, 5 p.m.-midnight, through June 2. Call 863-2000.
- Sunday, June 2**
Shaver's Creek, Winged Hunters, 1-2:30 p.m.
Call 863-2000.

Public Radio

- WPSX-FM 91.1**
"All Things Considered," Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning

Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m.
"Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubinstein

Conferences

Continuing Education

Keller Building

May 17. 24 Challenge Tournament/ Nurm Lathbury, coordinator

May 18-21. Pa. Junior Academy of Science. Henry McConium, chair; Norm Lathbury, coordinator.

Exhibits

HUB Galleries

Formal Gallery/Art Alley Cases:

Centre: Pieces, quilt exhibit by local chapter, National Quilt Association, through June 2

Browsing Gallery:

"Twelve Paintings by Tim Mark," through June 2

Kern Gallery

Outdoor Writers Association of America, photographs, through May 31

Pattee Library

West Lobby Gallery: Marinda Strelavsky, Fiber Medley of Two Traditions, through June 15

Rare Books Room:

Texts in Classic Latin, Selections from the Leonard S. and Barbara Lock Goodman Collection, through May 31

Tips

Information Penn State

Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather—234, Arts Line—345; University Calendar—456

Focus on the arts

Odyssey on WPSX

Adolf Hitler was an idealist, one who used power for some higher cause — in his case, we recognize his cause as evil, but he did not.

This idea forms the kernel of S. Leonard Rubinstein's discussion with **Jackson L. Spielvogel**, associate professor of history, on the "Odyssey Through Literature" program "Idealists," on May 22.

Dr. Spielvogel, author of a popular book on the history of Nazi Germany, argues that teaching the history of the Nazi era has a crucial purpose. "That kind of thing can happen again," he says about the Holocaust, "and therefore it becomes very important to me, as a teacher, to get across some points that will be helpful to students."

On "Jefferson in Transylvania," the

May 29 episode of *Odyssey*, Eniko Molnar Basa of the Library of Congress introduces host Rubinstein to the book *Journey in North America*, published in 1834 by the Hungarian writer Sandor Boloni Farkas.

Anyone writing a political theory of Transylvania would have to take into account the impact of Farkas' book, Ms. Basa says. "He quotes the Declaration of Independence in the book in its entirety," she explains, "and he says in his travel diary that he feels that his book is really just a framework for the Declaration of Independence."

"Odyssey Through Literature" is produced by the Department of Comparative Literature in the audio-production studios of WPSX-TV. It airs Wednesdays at 12:30 p.m. on WPSX, 91.1 FM.

The arts on Channel 3

The Metropolitan Opera's striking new production of Giuseppe Verdi's 1859 masterpiece "A Masked Ball" (Un Ballo in Maschera), long regarded as the supreme Italian opera and Verdi's great love poem, will be the first Metropolitan Opera television production to be presented on *Great Performances* airing at 8 p.m. Wednesday, May 22, on WPSX-TV. Staged and designed by Piero Faggioni and conducted by James Levine, the production features Aprile Millo, Harolyn Blackwell, Florence Quivar, Luciano Pavarotti and Leo Nucci.

The 1991 *National Memorial Day Concert*, a stirring musical salute to Operation Desert Storm and the soldiers who gave their lives in the cause of freedom, will air at 7:30 p.m. Sunday, May 26.

The 90-minute broadcast event, featuring Dixie Vermeiren, Osie Davis, Ruby Dee and other distinguished guest artists performing with the National Symphony Orchestra, will present a

succession of popular works honoring millions of brave Americans from the front lines to the home front.

Woven throughout the live production, which also marks the 50th anniversary of the USO, is the renewed sense of pride and patriotism sweeping the nation

'Fiber Medley'

"Fiber Medley of Two Traditions," a fiber exhibit with framed pieces by Marinda Strelavsky, is on display in Pattee Library's West Lobby Gallery through June 15.

Her work encompasses a traditional form of quilting, the Log Cabin, with a Victorian theme. She applies a tree-stump piecing technique with the Log Cabin as a basis, then incorporates a variety of embellishments such as metallic threads, acrylic painting and photographs to achieve a Victorian theme.

A member of the Fibers Guild of Pittsburgh Center for the Arts, Strelavsky has been working in fiber for five years.

Bookshelf

Ashok D. Belegundu, associate professor of mechanical engineering, is co-author of *Introduction to Finite Elements in Engineering*, published by Prentice Hall.

The textbook covers all aspects of finite element theory development, problem formulation and computer analysis and includes a BASIC and FORTRAN disk.

Geared to senior-year undergraduate and first-year graduate students, the book emphasizes the modeling of engineering problems, specification of boundary conditions and handling of temperature effects. It also is intended as a tool for practicing engineers.

Clouds in a Glass of Beer. Simple Experiments in Atmospheric Physics, a popular science book by **Craig F. Bohren**, distinguished professor of meteorology, has been translated and published in Japanese.

The translation was done by Akimasa Sumi, College of Science, Department of Earth Science, Tokyo University, and the Japanese edition was published by Maruzen Co. Ltd.

The book explores many fascinating aspects of the atmosphere, including colors of the sea and sky, rainbows, dewdrops, the green flash and clouds.

Dr. Bohren received the Louis J. Battan Author's Award of the Council of the American Meteorological Society in 1989 for *Clouds in a Glass of Beer*.

Gary W. Gallagher, head of the Department of History, is editor of *Struggle for the Shenandoah: Essays on the 1864 Valley Campaign*, published by the Kent State University Press.

The collection of essays examines why Virginia's Shenandoah Valley in the Civil War was transformed from battlefield to wasteland, with special emphasis on the late summer and fall of 1864. During that time the armies of Jubal A. Early and Philip H. Sheridan waged their bitter struggle amid immense military and political stakes.

The authors question the relative importance of operations in the Shenandoah and the respective performances of Early and Sheridan, often departing from conventional views and sometimes disagreeing with one another.

Dr. Gallagher has published several books on the Civil War including *Antietam: Essays on the 1862 Maryland Campaign*, published by Kent State University Press in 1989.

Gennady Gildenblat, associate professor of electrical engineering, is the co-editor of *Advanced MOS Device Physics*, an overview of recent research in metal oxide semiconductor (MOS).

The book, a collection of papers by leaders in the field, discusses device physics topics in MOS technology. The authors emphasize physical description, modeling and technological implications,

Bookstore joins in international book project

The Penn State Bookstore on Campus is participating in the "Bridge of Knowledge—Books, National Association of College Stores International Book Donation Program," an international effort to gather and donate books and other educational materials to countries overseas.

"Here is a way to share some of America's literary wealth in a very practical sense with the many thousands overseas for whom democracy means a new opportunity (and often a new freedom) to read," **William McVicker**, bookstore manager, said.

"Books are among the greatest of all



needs in the countries recovering from totalitarian rule. The Bookstore fully supports the effort and commitment of all those participating in this program. All the members of this community can make a difference."

Members of the University community are encouraged to bring

as well as the reliability of small-geometry MOSFETs.

Dr. Gildenblat also contributed a chapter on "Low-Temperature CMOS."

The book is geared toward semiconductor engineers and researchers involved in MOS technology development, as well as researchers and students in corresponding disciplines.

Volume 18 of a VLSI Electronics: Microstructure Series, is published by Academic Press, Harcourt Brace Jovanovich.

H.K. Henisch, professor of physics and professor of the history of photography, is the author of *Periodic Precipitation*, published by Pergamon Press.

Containing illustrations, worked examples, graphs and tables, the book deals with periodic precipitation (also known as Liesegang Ring formation) in terms of mathematical models and their logical consequences, and is entirely concerned with microcomputer analysis and software development.

Three distinctive periodic precipitation mechanisms are included: binary diffusion-reaction; solubility modulation, and competitive particle growth.

The book provides didactic illustrations of a valuable investigational procedure, in the form of hypothetical experimentation by microcomputer. The development of appropriate software is described and the resulting programs are available separately on disk.

Martha Kolln, associate professor of English, is author of *Rhetorical Grammar: Grammatical Choices, Rhetorical Effects*, a text that helps students to understand the structure of language and how to use it in their writing.

The book helps student writers identify grammatical choices and understand what those choices can do. Designed to complement a primary rhetoric text or reader, it shows the connection between writing and grammar without dwelling

on the rigid grammatical rules often taught in junior high school.

Professor Kolln shows how grammar is important to the context of composition through explanations and exercises that also can be used as self-study.

Martin L. Lasater, research associate in the Center for East Asian Studies, is the author of *A Step Toward Democracy: The December 1989 Elections in Taiwan, Republic of China*, published by the University Press of America for the American Enterprise Institute of Washington, D.C., which sponsored the study.

The book places the December 1989 elections in the context of the evolving democracy on Taiwan. In addition to analyzing the campaigns and results of the national, provincial and local electoral contests, Mr. Lasater projects what democracy on Taiwan might mean for U.S. interests in the future, particularly as these relate to Sino-American relations.

William B. McCarthy, associate professor of English at the Penn State DuBois Campus, is the author of *The Ballad Matrix: Personality, Milieu, and the Oral Tradition*, published by Indiana University Press.

The *Ballad Matrix* examines one of the largest collections of songs gathered during the golden age of ballad collecting in Scotland (1780 to 1830). The collected repertoire of Agnes Lyle of Kilbarchan, William Motherwell's most prolific informant, is unusually large for the period, consisting of 22 full texts, some with tunes, and a number of additional fragments.

The songs reveal how Lyle relied on the traditional narrative techniques of ballad singing. They demonstrate on every level the non-literary patterns of thought and expression which the oral-formulaic approach has taught scholars to look for in folk poetry.

their outdated editions or books for which they have no further need to the Penn State Bookstore. Arrangements can be made to pick up quantities of books to be donated from offices on campus by calling 863-3250.

A specially designated book bin is located near the book buyback counter for the deposit of donations. Also, bookplates are available if the donor chooses to identify the source of the contribution. More information also is available on flyers at the donation site.

For more information about the program or to make arrangements to pick up books, contact Elizabeth Wilson at 863-3250.

Leonard Mustazza, associate professor of English at the Penn State Ozguz Campus, is the author of *Forever Pursuing Genesis*, published by Bucknell University Press.

The volume explores "The Myth of Eden in the Novels of Kurt Vonnegut."

Dr. Mustazza holds B.A. and M.A. degrees from Herbert H. Lehman College of the City University of New York and a Ph.D. from the State University of New York at Stony Brook.

Anne C. Petersen, dean of the College of Health and Human Development, is co-editor with Kathleen R. Gibson, of the University of Texas Health Science Center, Houston, of *Brain Maturation and Cognitive Development: Comparative and Cross-Cultural Perspectives*, published by Aldine De Gruyter.

The book focuses on the way that social and physical environments—including child-rearing and educational strategies—may affect the biological development of the brain from infancy through adolescence. Conversely, the volume also identifies how brain development may influence behavior. Comparisons are drawn across cultures, as well as between humans and other animals.

Several University faculty and graduate students contributed chapters to the book:

● **Julia Graber**, graduate student in psychology, and Dr. Petersen, "Cognitive Changes at Adolescence: Biological Perspectives."

● **Robert Plomin**, distinguished professor of human development, "Brain, Behavior and Developmental Genetics."

● **Charles Super**, professor and head of the Department of Human Development and Family Studies, "Developmental Transitions of Cognitive Functioning in Rural Kenya and Metropolitan America."

Appointments

Randall M. German, Robert Hunt professor of materials engineering at Rensselaer Polytechnic Institute in Troy, N.Y., was named to the Brush Chair in Materials in the College of Engineering.

Known for developing high performance materials, Dr. German holds six patents for materials and/or ceramic powder processing techniques. He also is technical director of Xform Inc., an RPI incubator company formed to develop one of his patents.

Dr. German began his career in 1968 as a materials scientist in the powder metallurgy division of Battelle Columbus Laboratories, Columbus, Ohio. He has been a member of the technical staff at Sandia National Laboratories, Livermore, Calif.; director of research and development for Mott Metallurgical Corp., Farmington, Conn., and director of research for J.M. Ney Co., Bloomfield, Conn. He joined the RPI faculty in 1980 and was named to his current position in 1985.

The author of four books, including a textbook on various aspects of materials science, he is a fellow of the Society of ASM International and a member of the Metallurgical Society of AIME, American Powder Metallurgy Institute, American Ceramic Society, the Materials Research Society and International Team for the Science of Interfacing.

Dr. German received a B.S. in materials science from San Jose State University in 1968; an M.S. in metallurgical engineering from Ohio State University in 1971, and a



Randall M. German

Ph.D. in materials science from the University of California at Davis in 1975.

The Brush Chair was endowed with a gift from engineering executive Harvey F. Brush, of San Francisco, to encourage interdisciplinary research in material analysis and application.

Mr. Brush, a 1943 graduate of the College of Engineering, retired in 1986 as the executive vice president of Bechtel Group Inc., the parent of Bechtel Corp., the world's largest engineering construction company. He also has served as a trustee

and director of the Bechtel Foundation and remains active as a consultant to Bechtel.

Ina K. Lubin, area representative for continuing education at the Penn State Wilkes-Barre Campus, has been named assistant director of continuing education.

A member of the campus staff since 1983, she has served as area representative for continuing education since 1985. In her new role she will be responsible for assisting with management and leadership of the Continuing Education unit as well as continuing to provide linkage with numerous local organizations.

Ms. Lubin is a graduate of Michigan State University with a B.A. degree in education and received an M.S. in public administration from Maryland College.

Her professional memberships include the National University Continuing Education Association, the Continuing Education Association of Pennsylvania and the Luzerne County Council on Adult Higher Education.

Jane Agnelly has been named financial officer at the Penn State Berks Campus.

A 1981 graduate of Wayne State University in Detroit, Mich., she earned a master's degree in business administration at the University of Pittsburgh and is a certified public accountant.

Ms. Agnelly had been assistant administrator at the Rest Haven Home in Schuylkill County.

questions we face today, they will answer themselves and we'll have no choice."

Other conference sponsors are Bell of Pennsylvania, Bloomsburg University, Bucknell University, Central Susquehanna Intermediate Unit, Commonwealth Bank & Trust Co., Geisinger Foundation, Lycoming College, Pennsylvania Power & Light Co., SEDA-Council of Governments, West Branch Manufacturers Association, and West Penn Power Co.

For further information on the conference, contact Dr. Martin at 114 Kern Building, University Park, 865-6331.

Conference on Central Pennsylvania scheduled

The University is among a number of organizations, businesses, and higher education institutions in Central Pennsylvania sponsoring a conference, "Shaping the Future in Central Pennsylvania," June 23-25 at Bucknell University in Lewisburg.

Kenneth Martin, rural economic development specialist in the Office of Sponsored Programs, Technology Transfer, and Industrial Liaison, is serving as a member of the conference steering committee.

"Today, our region has opportunities, and challenges, that we have not had

before," Dr. Martin said. "This is the time to act on them, as we move into the 21st century."

The conference will focus on five broad categories of issues, including environment, education, societal change, economic development, and government.

"The concerns of our families and neighbors," Dr. Martin said, "fall within the issues categories we've chosen: the impact of new technology, the need to balance economic growth with environmental quality, the education of our children and their children."

"If we don't begin to answer the

governments, to the international community, and to industry.

Candidates should have academic credentials appropriate for appointment as a tenured professor with an accomplished record of research; a broad understanding of academic institutions; executive experience and proven leadership capacity; understanding and support for the University's multiple missions and its commitment to cultural diversity; commitment to the fostering of interdisciplinary research; evidence of experience in fiscal management, and the

ability to attract human and financial resources to the University.

The search committee will review applications and nominations beginning June 24, and will continue to receive them until a candidate is selected. Nominations and applications, accompanied by a resume or equivalent information, and the names, addresses and phone numbers of four referees, should be mailed to: Eva Pell, chair, Search Committee, Senior Vice President and Dean of the Graduate School, 201-I Old Main, University Park, PA 16802.

News in Brief

Weight Watchers at WORK

The Weight Watchers at WORK Program at University Park will continue through summer, with a 10-week session from July 11-Aug. 13. New members are welcome.

During June, each of the two groups will meet weekly (Tuesday or Wednesday) from 11:45 a.m. to 1 p.m. in rooms 310 and 317 Hetzel Union Building. In July and August meetings will continue at the Paul Robeson Cultural Center auditorium.

Interested staff and faculty may obtain pre-registration forms by calling the Faculty/Staff Health Promotion Office or may register in person on June 4 or June 5 from 11:45 a.m. to 1 p.m. at the Hetzel Union Building.

The regular meetings for the session will begin on June 11 and 12. The cost of the 10-week program is \$85, which must be pre-paid. For additional information or pre-registration forms, call the Faculty/Staff Health Promotion Office at 865-3085.

Riteon summer hours

From now through Aug. 10, complete diagnostic and treatment care will be available in the Outpatient Department of Riteon Health Center from 8 a.m. to 6 p.m. Monday through Friday. No appointment is necessary.

For students seeking urgent medical care on Saturdays, a physician will see patients from 1 to 5 p.m. These hours also apply for Memorial Day and Independence Day. Women will continue to be seen by appointment from 8 a.m. to 5 p.m. in the Women's Health Department.

Around-the-clock emergency care will be provided by the Penn State University Ambulance Service. For information after hours, call 865-6550.

Professional Women

Carol Hermann, vice president for administration, will discuss "A Woman's Perspective of Administration" at a brown bag lunch meeting of Professional Women at Penn State on 11:45 a.m. Tuesday, May 28, in the Frizzell Room in Eisenhower Chapel at University Park.

Professional Women at Penn State is a grass-roots group coordinated by University women in which participants can develop and maintain a communications network and serve as a resource for other Penn State women. The group welcomes attendance from all classifications at the University.

Lyme disease research

University researchers are seeking ticks for a study of Lyme disease in Pennsylvania.

Take the tick, dead or alive, to the Penn State Cooperative Extension office in your county. Extension staff will send the tick and information about where and how it was found to Steven Jacobs for identification and analysis.

Nominations sought for senior vice president

The University invites applications and nominations for the position of senior vice president for research and dean of the Graduate School.

The senior vice president reports to the Office of the President and will work with the executive vice president and provost of the University and the faculty to establish an administrator policy on research and graduate study. As a senior academic officer, the senior vice president will participate in the formulation of academic and fiscal policy for the University and will represent the University's research and graduate study interests to federal and state

Partings

George Crowther, director of safety and security at the Hershey Medical Center, has retired after 23 years of service.

Mr. Crowther came to the Medical Center after working for the Pennsylvania State Police from 1952 until 1967, where he reached the rank of sergeant in the Planning and Research Division.

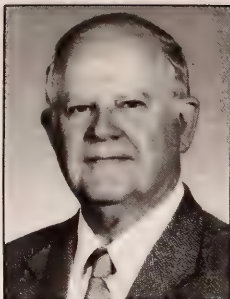
While in the State Police, he was one of the first three troopers selected to attend the Northwestern University Traffic Institute. He also served with the U.S. Marine Corps during World War II and the Korean War.

For the future, Mr. Crowther plans to relax and spend some quality time at home. He and his wife plan to travel, remain active in their church, and become involved with volunteering.

"As much as I will enjoy retirement, I will miss the loyalty of the security department, and all the personal friendships I have developed over the years," he said. "I also will miss the challenge of new security problems I would face if I stayed here, but then retirement will be a challenge all its own."

Barbara A. Peck, residence hall worker in Housing and Food Services, has retired after 22 years of service.

Ms. Peck plans to travel and work with arts and crafts. She and her husband reside in Howard and have two children. Her daughter Melissa graduated from Penn State in 1986.



George Crowther

Jerry H. Reyburn, professor of 4-H and youth development, has retired with emeritus status after 25 years service.

Dr. Reyburn taught extension methods and organization, recreation and camping, leadership and environmental education. He was the first person in the United States to develop programs in orienteering and archery and helped 4-H make the transition to leisure education programs.

In 1986 Dr. Reyburn received a Fulbright Fellowship to Sweden where he served as a member of the Swedish 4-H National staff. In 1987, he directed a study to determine the factors that influence young adults to



Jerry H. Reyburn

pursue studies in agriculture and the sciences.

He is a member of the National Association of Extension 4-H Agents, the Society of American Forestry, the Association of Interpretive Naturalists, the International Tropical Forestry Association, the National Archery Association and the American Camping Association.

Dr. Reyburn earned his bachelor of science in forestry in 1957, his master of science in conservation in 1964 and his doctor of philosophy in environmental interpretation in 1974 at Purdue University. Prior to joining the University faculty, he

served as a captain in the United States Air Force and worked for the United States Forest Service and the Indiana Extension Service.

The College of Agriculture is starting a 4-H Camping Program Award to enable underprivileged children to attend 4-H resident camps and provide counselor training programs and camp counselor opportunities to youth at risk. The initial fund for the award has been contributed by Dr. Reyburn's friends and associates in honor of his retirement.

Judith K. Weigel, secretary A. Hershey Medical Center, from July 28, 1980, until March 30.

Eleanor M. Brunner, nurse clinician, Hershey Medical Center, from Oct. 1, 1970, until April 1.

Gloria J. Steyers, accounting clerk, Corporate Controller's Office, from Nov. 1, 1980, until April 6.

Shirley M. Walker, records team leader, Academic Services, from June 13, 1955, until Oct. 31, 1987; from Dec. 1, 1958, until Dec. 31, 1958; and from Feb. 1, 1972, until April 16.

Michael E. Werner, business manager, University, Art Services, from Nov. 27, 1978, until April 20.

Bertha M. Ford, nutrition adviser, Agriculture, from April 1, 1981, until May 1.

Shirley R. Keller, secretary B. Agriculture, from July 1, 1975, until May 9.

Faculty/Staff Alerts

Memorial Day hours

The Penn State Information and Directory Assistance hours for Memorial Day, May 27, are 8:30 a.m. to 4:30 p.m.

We will resume normal hours of 7:30 a.m. to 11 p.m. on Tuesday, May 28.

Management Services' moves

Offices in Management Services' Department of Computer and Information Systems are being relocated within Charles Building and Shields Building.

The move, effective May 23, involves the following relocations:

IBIS Program Office, Room 3 Shields Building; Security Office, Room 28 Shields Building; Database Administration, Room 31 Shields Building; IBIS Training Office, Room 25 Charles Building; Information Center, Room 25 Charles Building; and Data Administration, Room 25 Charles Building.

All phone numbers listed in the University's phone directory will remain the same.

Chain letters

Once again the Inter-Office mail system has been flooded with chain letters.

Mail Services would like to remind the University community that the mailing of

chain letters puts an undue strain on the entire University mail system. You should also be reminded that University Policy AD-13 dictates that supplies and services owned, leased, or operated by the University be used only in the conduct of University programs and activities.

In addition to University policy, Federal Mail Fraud Laws prohibit the sending of chain letters. Mail Services requests that the University community refrain from succumbing to such a waste of time, labor, and University materials.

Employee health cost

National employee health experts from the fields of prevention, health promotion, and health care management will speak at a local conference addressing strategies for controlling the skyrocketing costs of employee health benefits.

The one-day conference, titled "Prevention, Health Promotion, and Managed Care: Integrated Approaches to Employee Health Cost Control for the '90s and Beyond," will be held from 9 a.m. to 5 p.m. May 22 at the Holiday Inn Penn State.

The event is co-sponsored by Penn State's Center for Worksites Health

Enhancement (CWHE) and the Employee Wellness Coalition of Centre County (EWCCC). To register, or for more information on the conference, contact the Center for Worksites Health Enhancement at (814) 863-2237. The public is invited to attend.

Car rental

Effective May 1, the Big Ten Universities have entered into a new car rental contract with The Hertz Corporation. Hertz has been named the sole supplier of rental cars to the Big Ten.

Hertz has agreed to provide corporate rates, or promotional rates if lower, to include free Loss Damage Waiver for both business and personal use at participating locations in the Continental United States, Alaska and Hawaii.

Corporate rentals returned to the renting city will include unlimited mileage. For rentals not returned to the renting city, the appropriate corporate rate, plus a one-way charge of \$2.00 per mile driven, will apply. There will be no drop charges.

Liability protection is provided for bodily injury or death up to a limit of \$100,000 for each person and up to a limit of \$300,000 for each accident, and up to a limit of \$25,000 for property damage.

There will be no added charges for renter under the age of 25 provided the renter possesses an acceptable and valid major credit card and an applicable Big Ten Group CDP-ID number. The minimum age to rent a Hertz vehicle is 21. However, between 12:01 a.m. Friday and 3 p.m. Sunday in the New York pool, the minimum age is 25.

Hertz has agreed to provide "fee waived" annual membership into the Hertz #1 Club Gold Service for any faculty or staff member of the Big Ten.

Penn State's new Big Ten CDP-ID number is 271435 and should be used when booking rental cars with Hertz.

Complete rate information, Hertz #1 Club Gold Service applications and ID stickers will be available in Travel Services at University Park and Hershey. Omega World Travel and Centre For Travel have been given the new contract information for use in booking University travel.

Volume purchasing allows the Big Ten to negotiate this type of contract. Therefore, travelers are strongly urged to choose Hertz in order to receive the best rates and provide volume that allows the Big Ten to continually improve its car rental contract. For information, contact Travel Services at 865-0395.

Focus on Research

Intercom
May 16, 1991

Music

The best mood music is familiar music

People seeking relaxation therapy through music should try music they like, not precategorized mood music, University researchers suggest.

"While not likely to greatly affect heart rate or respiration, music can unquestionably induce a more relaxed mood," says Valerie N. Stratton, assistant professor of psychology, and Annette H. Zalanowski, assistant professor of music, both at the Penn State Altoona Campus.

"Our studies show that the most important factor in relaxation was a liking for the music," Dr. Stratton says. "Individual preferences must thus be considered when using music to aid relaxation; precategorized soothing music may not always be soothing."

Ms. Zalanowski adds, "As a therapeutic tool, precategorized music is risky, since people react to music in a highly individualized manner. Using so-called sedative music to facilitate relaxation would be useless if the subject has always disliked that kind of music. The subject might even become more tense than without music."

Music for relaxation therapy also should be culturally familiar, Dr. Stratton notes. "Music from an outside culture, even if it is intended to be happy or stirring, can actually depress a person."

One test by Dr. Stratton and Ms. Zalanowski had 36 college freshmen and sophomores rate their level of relaxation after 15 minutes of listening to one of five types of music — ranging from Mozart and Haydn to "easy listening" — or sitting in silence. Subjects also rated the pleasurable quality of the experience, the ability to empty the mind and how well they liked the music.

"No single type of music was most effective in aiding relaxation, and no significant differences were found between soothing and stimulating music," the researchers report.

"Subjects varied in the degree of relaxation they experienced, and the single factor most



Annette H. Zalanowski (left) and Valerie N. Stratton of the Penn State Altoona Campus review data for their research project on the effects of music on relaxation therapy.

closely related to relaxation was how much they liked the music. No single type of music was found to lead to significantly more relaxation; however, atonal music produced significantly less relaxation," they note.

The students who liked the music comparatively more reported greater success at clearing their minds and more pleasure in the total experience.

A second study tested 48 college students, who were divided into six groups. The first two groups listened to culturally familiar music, such as Aaron Copland's "Appalachian Spring" and Beethoven's Symphony No. 3.

Two other groups listened to musical

selections from India, and the fifth group listened to a recording of seventh-century Slavic music. For the sixth group, there was no music. While listening to the music, students had four minutes to tell a story based on the painting "Snap the Whip" by Winslow Homer. The study analyzes the correlation between the music and the respective happiness or sadness of the story.

"The results seem to indicate that cultural learning and experience are more important in determining mood responses to music than inherent qualities of the music itself," the researchers conclude. — Paul A. Blaum

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been held by the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304). Applicants for these staff vacancies will be accepted until May 23. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered on an ongoing basis. Fair Employment practices (EEO) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age, as provided by law, are or status as a disabled or Vietnam era veteran.

■01474, Writer-Editor, Division of Development and University Relations, Public Information, University Park Campus—Responsible to the manager of internal communications for covering a variety of writing assignments for Intercom and to the Director of the Manager to provide public relations services to Colleges of the University as assigned. Requires bachelor's degree or equivalent in journalism or liberal arts plus one to two years of effective experience in a writing position. Must have a specialized knowledge of communications media and how they function and the ability to write well, fast and accurately to edit copy and lay out a tabloid newspaper. STAFF GRADE 6.

■01475, Programmer/Analyst B, Vice President for Business and Operations, Management and Systems Engineering, University Park Campus—Apply modern structured design and programming techniques to design and develop new programs and modify and maintain existing programs for business applications. Requires bachelor's degree, or equivalent in a computer related field and one to two years of effective experience in programming and systems design. Experience with VM CMS, COBOL, SQL and CSP is desirable. The ability to communicate orally and in writing also is required. This is a fixed term position funded through June 30, 1992, with good possibility of re-funding. STAFF GRADE 6.

■01476, Construction Quality Representative, Office of Physical Plant, Facilities Planning and University Architect, Hershey Medical Center—Responsible to the project manager, Contract Administration, for the inspection of construction projects and day-to-day related coordination and monitoring of work being performed by prime contractors and their sub-contractors at the Hershey Medical Center. Requires associate degree, or equivalent, plus two to four years of effective hospital electrical construction experience at a supervisory level. This is a fixed term position funded for 18 months from date of hire. STAFF GRADE 6.

■01477, Assistant Supervisor, Stone Valley Recreation Area, Auxiliary Recreation Services, University Park Campus—Responsible to the supervisor, Stone Valley, for assisting in the coordination of staffing, scheduling, maintenance and operation of auxiliary services at Stone Valley. Requires bachelor's degree or equivalent, preferably in recreation and parks with one year in park administration, plus up to one year of effective experience in waterfront operations. Employee must possess certification as a Red Cross sailing instructor, and in water safety and first aid or be willing to complete training within six months on the job. This is a fixed term position funded through June 30, 1992, with probability of re-funding. STAFF GRADE 4.

■01478, Police Service Officer, University Park Campus—Responsible to the Police Services supervisor for the protection of life and property, preservation of peace and good order of the community, enforcement of laws, public safety investigative work and other related duties. Requires an associate degree, or equivalent, in academic credits plus one to two years of effective law enforcement experience. Similar combinations of education and experience may satisfy the above requirements. Active pursuit of a baccalaureate degree in social sciences is desirable. Individual must be able to work any day or night shifts and be able to pass a medical examination. This position requires physical fitness and psychological tests. STAFF GRADE 5.

■01479, Director of Student Programs and Services, Mont Alto, Student Programs and Services—Responsible to the Campus Executive Officer for the overall organization and administration of student programs and services at the Campus, including counseling, student life, student health, religious affairs, career development, placement, student financial aid, cultural programming, special programs and services, and residential life. Requires master's degree, or equivalent, in student personnel or related field plus four to five years of effective experience. STAFF GRADE 9.

■01480, Admissions Counselor, Schuylkill Campus, Admissions—Responsible to the director of student programs and services with respect to the entire admissions process, including the counseling and interviewing of prospective students, decision making regarding the admission of students, organizing, conducting and implementing recruiting and admissions programs, liaison operations with various colleges and campuses regarding articulation of students and programs and recruitment of potential students. Requires bachelor's degree, or equivalent, plus one to two years of effective experience in an academic environment. STAFF GRADE 6.

■01481, Admissions Counselor II, Commonwealth Educational System, McKeesport Campus—Responsible to the Campus admissions officer and the director of student programs and services for organizing, conducting and implementing recruiting and admissions programs aimed at minority and non-traditional populations. Requires master's degree, or equivalent, in counseling, student personnel services, higher education, or related areas plus one to two years of effective experience. STAFF GRADE 6.

■01486, System Support Specialist—Engineering and Technology, Behrend College, Science, Engineering and Technology—Responsible to the head Division of Science, Engineering and Technology, for the day-to-day operations of the SE&T networked engineering workstation lab, Micro/VAX lab and other divisional computer facilities. Requires bachelor's degree or equivalent in computer science, engineering, or engineering technology,

plus two to three years of effective experience in computer hardware and software application, including working with UNIX. STAFF GRADE 7.

Hershey

For the following position vacancies, apply directly to The Milton S. Hershey Medical Center. Attach resume with cover letter indicating the position vacancy of choice and forward to the Department of Human Resources, Hershey, or call the Hershey bid line at (717) 531-8531 by May 23.

■17419, Assistant Coordinator, Children's Miracle Network Telethon, Department of Planning and Health Services Advancement—Responsible to the coordinator, Children's Miracle Network Telethon, for the coordination of telethon special events, recruitment and management of volunteers, and overseeing telethon allocation monitoring. Requires a bachelor's degree or equivalency plus one to two years of effective experience in public relations or promotional activity. Strong organizational and accounting skills are desirable. STAFF GRADE 6.

■17430, Assistant Director for Local Area Network, Center for Information Technology—Responsible to the chief information officer for planning and directing the establishment and maintenance of Local Area Network (LAN) communications and associated hardware/software facilities. Requires a bachelor's degree or equivalent in computer science, plus five to seven years of effective experience, which should include experience in a supervisory capacity involving both operating systems and data communications. STAFF GRADE 8.

■19122, Clinical Nurse Specialist/CNPP Oncology, Department of Pediatrics and the Department of Nursing—Responsible to the hematologist/oncologist for all clinical and medical aspects and to the assistant director of nursing, Maternal and Child Health, for nursing care and administrative aspects. Also responsible for managing and providing care for the child with neoplastic disease. Requires a master's degree in one of the nursing clinical specialties, areas plus one to two years of effective experience and licensed

by the State Board of Nursing as a nurse practitioner. Demonstrated experience in pediatric hematology/oncology. STAFF EXEMPT, GRADE 7.

■19123, Clinical Nurse Specialist, Department of Nursing Services—Responsible to the director of nursing and/or assistant director of nursing for providing nursing expertise within inpatient clinical specialty. Functions in inpatient, outpatient and/or community settings. Requires a master's degree in nursing plus one to two years of effective clinical experience in area of expertise, and current licensure by Pennsylvania State Board of Nursing. Certification in diabetes is desirable. STAFF EXEMPT, GRADE 7.

■19125, Nurse Manager 5 Medical/Surgical, Department of Nursing—Responsible to the assistant hospital director/director of nursing services or the assistant director of nursing services as designated for the operation of the patient care unit. Requires a bachelor's degree in nursing or equivalency plus three to four years of effective experience and be licensed to practice as a registered nurse by the Pennsylvania State Board of Nursing. Master of science degree preferred. STAFF EXEMPT, GRADE 7.

■19122, Biostatistician, Center for Biostatistics and Epidemiology—Responsible to the director, Center for Biostatistics and Epidemiology, for computerized data management and statistical analysis programming in support of the biomedical and biostatistical research activities of the center. Requires a bachelor's degree or equivalency in mathematics or statistics plus one to two years of effective experience. STAFF GRADE 5.

■17446, Recreational Therapist, Department of Nursing/Psychiatry, Division of Child Psychiatry—Responsible to the chief, Psychiatric Inpatient Unit, for the organization and conduct of a therapeutic recreational program in the Psychiatry Inpatient Unit to facilitate and complement the total psychotherapeutic treatment program for patients with emotional disorders. Requires a bachelor's degree in recreational therapy or equivalency, plus one to two years of effective experience. STAFF GRADE 6.

INTERCOM is published weekly during the academic year and every other week during the summer. It is an internal communications medium published for the faculty and staff of Penn State by the Office of Public Information, Room 312, Old Main, Phone 865-7517.

William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

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INTERCOM

May 30, 1991

Volume 20, Number 33

Dr. Brighton named executive vice president and provost

John A. Brighton, dean of the College of Engineering and professor of mechanical engineering, has been named executive vice president and provost, effective July 1.

His appointment was approved May 17 by the University's Board of Trustees, upon recommendation by President Thomas.

"Dr. Brighton enjoys a national and international reputation as a scholar and administrator, and has earned the broad respect of his colleagues across the Penn State community," Dr. Thomas said.

"He has developed a fine record in the quality recruitment of faculty and graduate students, in fostering increased activity in research, in improving the undergraduate curriculum, in advancing the position of women and minorities in engineering, and in supporting a successful development program in his college.

"I look forward eagerly to the opportunity to work with him in advancing the future of this University."

Dr. Brighton will succeed Charles L. Hosler Jr., who fills the post on an interim basis.



John A. Brighton

Since 1988, Dr. Brighton has been serving as dean of the College of Engineering, one of the nation's largest with 8,573 students. The college's graduate

program recently was ranked 12th among U.S. engineering schools by U.S. News and World Report.

As dean, he has led the efforts in five main areas: recruiting 63 new faculty in more than two years; increasing graduate student enrollment from 900 to 1,200; recruiting women and minority students and faculty; improving undergraduate programs; and increasing research development.

Prior to this position, he had been director of the School of Mechanical Engineering at Georgia Institute of Technology from 1982 to 1988.

Dr. Brighton also served as chair of the Department of Mechanical Engineering at Michigan State University from 1977 to 1982, and as assistant, associate and full professor of mechanical engineering at Penn State from 1965 to 1977. He was a member of the original team that pioneered the development of the Penn State heat-assist pump, now an International Historic Mechanical Engineering Landmark designated by the American Society of

Mechanical Engineering.

His degrees are a bachelor's, master's and doctoral in mechanical engineering from Purdue University.

Among his accomplishments are serving as an active member and Fellow of the American Society of Mechanical Engineers and an active member and Fellow of the American Society of Engineering Education, including chair of the Task Force on Faculty Pipeline of its Engineering Deans Council.

He also is a member of the National Science Foundation Advisory Committee for Engineering and a member of the Data Review Board for Clinical Trials of the Heart Assist Program for the National Institutes of Health.

Honors include the Centennial Medal for Outstanding Contributions in Bioengineering from ASME and being named to *Who's Who in Engineering* and *Who's Who in America*.

An acting dean has been appointed. See the story on Page 9.

Board approves expansion of the nondiscrimination policy

The Board of Trustees at its May 17 meeting approved expansion of the University's nondiscrimination policy to further emphasize "that all persons shall have equal access to programs, facilities, admission and employment."

The resolution approved by the Board follows a University-wide discussion of the policy, which was brought into question shortly after the September arrival of President Thomas. The expansion of the policy was urged by the University Faculty Senate, the Commission for Women and the Commission on Racial/Ethnic Diversity, among others.

The expanded version of the nondiscrimination policy provides for equal access "without regard to personal characteristics not related to ability, performance or qualifications as determined by University policy or by state or federal authorities."

In addition to the groups and characteristics that were specifically cited in the previous policy, the new version indicates the University is committed to ensuring discrimination does not occur based on an individual's ancestry or sexual orientation.

The resolution adopted by the Board of Trustees reads:

"Whereas, The University is committed to creating a community in which a diverse student and employee population can study and work in an atmosphere of tolerance, civility and respect for the rights and sensibilities of each individual, regardless of personal characteristics and beliefs,

Resolved, That the Board of Trustees approves revision of the University's nondiscrimination policy as follows:

Resolved, That the Board of Trustees hereby affirms the University's policy of nondiscrimination in all of its education programs or activities as required by law. The Board further affirms the University's policy of maintaining programs of affirmative action in recruitment, hiring and promotion as required by law. The officers of the University are directed to review periodically all programs of affirmative action to ensure compliance with this policy and applicable law.

Resolved, That the Pennsylvania State University is committed to the policy that all persons shall have equal access to programs, facilities, admission and

See 'Nondiscrimination' on Page 2.

At University Park

New building will be dedicated

State and federal officials are expected to join President Thomas and College of Agriculture Dean Lamartine Hood for tomorrow's formal dedication of the new Agricultural Sciences and Industries Building at University Park. The ceremony will be held at 11 a.m. on the front patio of the building facing Shortlidge Road.

"With the completion of this building, we have enhanced instructional and research facilities for virtually every academic unit in the College," Dean Hood said.

The 524 million structure is the centerpiece of a \$42 million College of Agriculture facility improvement program, funded jointly by the state and federal governments and the university. Other components of the program are new dairy and poultry research centers, new and renovated greenhouses and remodeled swine research facilities.

"These enhanced facilities will help us to attract and educate more top-notch undergraduate and graduate students," James Starling, associate dean for administration, said. "And many of our faculty for the first time will have appropriate laboratory resources to support

a first-rate research and education program."

Ag Sciences and Industries becomes the new base of operations for the Agronomy Department, The Entomology, Dairy and Animal Science, and Veterinary Science departments also occupy space in the six-story edifice, which is connected to Henning Building by a covered walkway.

Construction began in early 1989. The 150,000-square-foot building contains a 202-seat auditorium/classroom; one intermediate and two small classrooms; two computer-equipped classrooms; an undergraduate learning center; five teaching laboratories; 40 large and 35 small research labs; more than 145 offices for faculty, staff and graduate students; laboratory animal holding rooms and support facilities; 7 conference rooms; specialized space for the Land Analysis Lab in agronomy and the Expert Systems Lab in entomology; and several other facilities.

See photos of the new Agricultural Sciences and Industries Building on Page 5.

Focus on Diversity

In Pittsburgh's Hill District

Show highlights Wylie Avenue

It was the only street in America that began at a church and ended at a jail...Wylie Avenue, in Pittsburgh's Hill District. A Pennsylvania Public Television Network special recalls the Hill when it represented the heart and soul of Black life in Pittsburgh, much the same as Harlem did in New York. *Wylie Avenue Days* airs at 2 p.m. Sunday, June 2, on WPXS-TV, Channel 3.

The long, gone corner of Wylie and Fullerton (now, the Civic Arena's parking lot) was dubbed "Crossroads of the World" by disc jockey Mary Dee. There you might

have bumped into Cab Calloway, or Count Basie, members of the Pittsburgh Crawfords and Homestead Grays, two of the best Black baseball teams in the country, or "digitarians," number kings who served as the area's unofficial banks.

The program recalls it all...the clubs like the Hurricane and Crawford Grill where the music attracted both Blacks and Whites, the church picnics and family businesses such as Goode's Pharmacy that were all a part of life in this unique neighborhood. The era is brought back by personal memories, old photos and rare movies.



Goode's Pharmacy was a successful Wylie Avenue business.

Diversity Opportunities Calendar

Friday, May 31

Men of Color, 5:30 p.m., Days Inn Hotel, Monthly Happy/Social hour.

Saturday, June 1

Wyoming Valley Women's Network, 11:45 to 1 p.m., Penn State Wilkes-Barre Campus. Seventh annual Luzerne County Women's Conference. Approximately 60 workshops will be conducted. For more information, contact Melissa Norderer at (717) 675-9114.

Thursday, June 6

Women of Color, noon to 1 p.m., Hotel State College. Luncheon meeting. For reservations, call 865-1878. For more information, contact Vicki Fong at 865-7517 or 238-1221.

Tuesday, June 11

Men of Color, noon to 1 p.m., Nittany Lion Inn. General lunch meeting. For more information, contact Aaron Singleton at 865-7517.

International workshop is scheduled

"Youth and Social Change" is the subject of an international workshop to be held June 24-30 at University Park.

The workshop is sponsored by the Center for the Study of Child and Adolescent Development, the International Society for the Study of Behavioral Development, and Division 7 (Developmental Psychology) of the American Psychological Association.

To enable young scholars to participate

in the workshop, fellowships have been allocated to young European and North American scholars interested in studying relations between adolescent development and social change.

Funds from the Johann Jacobs Foundation, the College of Health and Human Development, and the International Society for the Study of Behavioral Development support the workshop.

Philadelphia minority students are honored for achievements

Philadelphia minority high school sophomores and juniors were honored for their achievement in math and science and encouraged to attend college on Thursday, May 23, in Philadelphia.

Approximately 100 students, representing all high schools in the Philadelphia School District, attended the University's Fourth Annual Awards Convocation and Luncheon. Several outstanding minority students received Penn State scholarships.

The guest speaker was Sharon L. Haynie, senior research chemist in the E.I. DuPont de Nemours & Co.'s biomaterials group and fields department.

"This program supports the efforts of the high schools' mathematics and science departments to encourage broad participation by diverse groups into the mathematical and physical science fields," said Henry McCoullum, Eberly College of Science minority programs director and organizer of the convocation. "This is the fourth year of our program with the School District of Philadelphia to encourage students to maintain academic excellence and pursue higher education in these fields."

Taking part were several Philadelphia School District officials, including

Constance E. Clayton, superintendent; Harold Kessler, curriculum support director; and Curtis Howard, curriculum coordinator.

University officials included Howard Wray III, assistant dean for undergraduate education and academic assistance programs; Gary Kelsey, director of minority admissions and community relations; Mr. McCoullum; Max King, assistant director of the University Scholars Program, and several coordinators of minority programs.

"This is a unique program, because we're offering scholarships to students as early as 10th grade," said Mr. King, who noted that seven scholarships were given last year.

All students invited received an award. At least two students were nominated by teachers and counselors from each high school in the school district.

"While we want to encourage all of the students to go to college, we hope that this activity will make many students aware of the resources available at Penn State," Mr. McCoullum added.

The event was sponsored by the Eberly College of Science, University Scholars Program, College of the Liberal Arts, College of Engineering, The Smell College of Business Administration and the Office of Undergraduate Admissions.

To Native American Indians

Fellowships are being offered

The University is offering graduate fellowships to Native American Indian students interested in doctoral level training in special education.

The deadline for submitting applications is July 15 for fall semester 1991, and Nov. 15 for spring semester 1992. It is expected, pending budget approval, that participants in the program receive a monthly stipend of approximately \$800, remission of tuition, and textbook, dependency and relocation allowances.

The American Indian Leadership Training program is newly established through a grant from the U.S. Department of Education and offers a specific course of study designed to prepare students for positions in higher education.

Seminars focusing on American Indian education and special education are conducted in conjunction with the nationally known Native American Leadership Training Program on campus.

It is expected that program participants will develop supervisory skills in personnel training; conceptualize, design, implement and disseminate at least one major research study dealing with American Indian special education, and acquire the skills necessary for quality teacher training.

Participants who complete the program receive a Ph.D. in special education. Program graduates will be qualified for several employment opportunities, including university level positions, special education program coordinator and consultant, special education program developer and special education positions within the Bureau of Indian Affairs.

Anna Cajal, professor of special education, is director of the program. Applications are now being accepted. For more information, contact Dr. Cajal at 226B Moore Building, University Park, PA 16802, or call the program office at (814) 863-2284.

Nondiscrimination

Continued from Page 1.

employment without regard to personal characteristics not related to ability, performance or qualifications as determined by University policy or by state or federal authorities. The Pennsylvania State University does not discriminate against any person because of age, ancestry, color, disability or handicap, national origin, race, religious creed, sex, sexual orientation or veteran status."

From the Trustee Docket

Board election

Six incumbents and one new member were elected to the Board of Trustees in elections held May 16 at University Park.

All will serve three-year terms beginning July 1.

Re-elected by Penn State alumni were:
 - **Donald M. Cook Jr.**, '52 and '60s, president of Renaissance Management Resources Group, a consulting firm, and chief operating officer of SEMCOR Inc., an engineering and management services firm, both in New Jersey, and a trustee since 1985.

- **Marian U. Coppersmith Fredman**, '53, president of the Barash Group and publisher of *Town and Gown* and *Witers and Wlms* magazines, and a trustee since 1976. She currently is president of the Board of Trustees.

- **Ben Novak**, '65, founder and senior partner of the law firm of Novak, Stover and McCarthy, with offices in State College and Bellefonte, and a trustee since 1988.

Re-elected by agricultural society delegates were:

- **Guy F. Donaldson**, partner in a 338-acre fruit farm in the Gettysburg area, and

a trustee since 1988.

- **Obie Snider**, '50, managing partner of the 1,250-acre Singing Brook Farms, Imber, and a trustee since 1979.

Elected by industrial society delegates were:

- **Quentin E. Wood**, '48, former chief executive officer and current chairman of the board of Quaker State Corp., and a trustee since 1976.

- **Richard A. Zimmerman**, '53, chairman and chief executive officer of Hershey Foods Corp., who replaces Gilbert A. Wetzel.

Mr. Cook previously was president of RCA Service Co. He retired from RCA Corp. after 27 years of service, then joined Renaissance Management Resources Group and SEMCOR Inc. He earned a B.S. degree in recreation and parks in 1952 and an M.Ed. in counselor education in 1960, both from Penn State.

Mrs. Coppersmith Fredman is a 1953 graduate of Penn State. In 1991, she was elected president of the Board of Trustees, after serving three years as vice president. She is a trustee representative and past-president of the University Renaissance Scholarship Fund, which honored her in

1990. She also was named a Distinguished Daughter of Pennsylvania in 1990.

Mr. Novak, a practicing attorney since 1970, earned a B.A. degree in economics from Penn State in 1965 and received his J.D. from Georgetown University in 1968. He serves as solicitor of several Central Pennsylvania municipalities and is a member of the U.S. Board of Trustees in Bankruptcy.

Mr. Donaldson is vice president of the Pennsylvania Farmers' Association (PFA). Since 1983, he has been farming in partnership with his sons and also operates a retail farm market. He has been president of the Adams County Farmers' Association and a member of the PFA state board of directors.

Mr. Snider, a 1950 dairy husbandry graduate of Penn State, owns a crop and dairy farm in partnership with his son. He has served as a director of the College of Agriculture Alumni Association. In 1980, he was named Penn State's Outstanding Dairy Alumnus, and in 1984, he was designated an Honorary County Agent. He was president of the Board of Trustees from 1985-87. In 1991, he was named to the Penn State National Development

Council.

Mr. Wood, a 1948 graduate of Penn State with a B.S. degree in petroleum and natural gas engineering, joined Quaker State as a petroleum engineer in 1948. He has served as a member of the Penn State Alumni Council, the Mount Nittany Society and Phi Kappa Alpha Fraternity. In 1991, he was named to the Penn State National Development Council.

Mr. Zimmerman, a 1953 graduate of Penn State with a B.A. degree in commerce, began working for Hershey Foods as an administrative assistant in 1958. In 1976, he became president and chief operating officer of HERCO. He is a board member of HERCO, the Hershey Trust Co., the Milton Hershey School, the Pennsylvania Business Roundtable and the Pennsylvania Chamber of Business and Industry.

The Board of Trustees has 32 members: five ex officio, nine elected by alumni, 12 elected by delegates of agricultural and industrial societies and six appointed by the governor. Ex officio members include the governor, University president and state secretaries of agriculture, education and environmental resources.

Knight report

The Board of Trustees has adopted a resolution supporting the recent report issued by the Knight Foundation's Commission on Intercollegiate Athletics.

The Knight report, and the resolution adopted by the Board, express concern

about excessive zeal to win and abusive practices at some institutions.

President Emeritus Jordan and J. Lloyd Huck, past president of the Board of Trustees, served on the Commission.

Mr. Huck, who remains on the Board of Trustees, presented a report on the Commission's activities and its final report, "Keeping Faith With the Student-Athlete."

"In forming this Commission in October 1989, the Trustees of the Knight Foundation expressed concern that abuses in athletics had reached proportions threatening the integrity of higher education," he said.

Mr. Huck told the Board that most of the recommendations of the Knight Commission fit comfortably into the

philosophy and practices Penn State already has in place.

"The Knight Commission recommendations would, if embraced nationally, significantly change the status quo at some institutions. At others, such as Penn State, they serve as a reminder of the values we have already been putting into practice."

Parking garage

The Board of Trustees has approved final plans and authorized the University to obtain bids and award contracts for a new parking garage at University Park.

The five-level, 286,000-square-foot structure will be located east of Eisenhower Auditorium, on a portion of the existing parking lot, and will be accessible from Shortlidge Road and Bigler Road.

It will include 821 parking spaces - 525 more spaces than are currently available at the site - and about 20,000 square feet of office space for the Department of University Safety, which will release space in Grange Building for academic purposes.

The garage will be reserved for University faculty and staff use during the daytime on weekdays and for events parking on evenings and weekends.

The architect for the project is Ewing, Cole, Cherry, Parsky of Philadelphia, and the total budget is \$9,781,250. Construction is scheduled to begin this summer with occupancy slated for late summer 1992.

The new garage is part of a five-year University parking development plan prepared by the University Parking Committee consisting of faculty, staff and student representatives. The new structures are funded by faculty/staff parking registration fees.

In other action, Trustees:

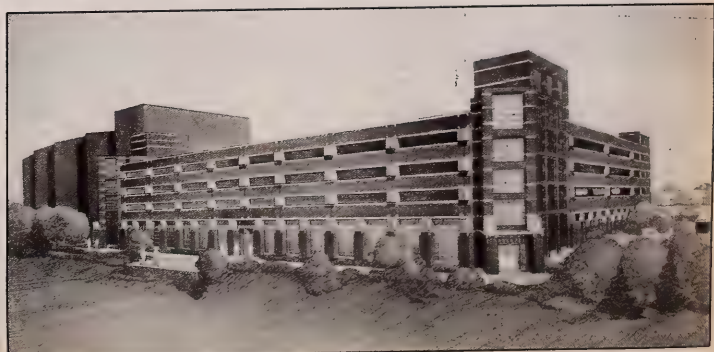
- Approved renaming the Mechanical Engineering Laboratory on Burrows Road at University Park as the Louis E. Reber Building, after the founder and first dean of the College of Engineering. Dean Reber, who served from 1895-1907, was

instrumental in the establishment of the engineering program and its facilities.

- Approved naming three residence halls being built at Penn State Erie, The Behrend College, as Tigress Hall, Porcupine Hall and Tiffany Hall. The names were selected to commemorate the people and ships of

historical significance to the Battle of Lake Erie in the War of 1812.

- Approved naming a residence hall under construction at the Beaver Campus as Lions Court, in honor of the Penn State mascot.



Artist's illustration of proposed parking garage at University Park.

From the Trustee Docket

Private gift support

Despite the recession, war in the Gulf, and without the helpful context of a major fundraising campaign, Penn State is heading toward one of its best years ever for private gift support.

The University expects to raise about \$60 million this year, Penn State Trustee Quentin Wood said in a report to the Board at its May 17 meeting.

"If that occurs, we will have accomplished an extraordinary feat," added Mr. Wood, who is the Board's liaison to Penn State's National Development Council, its top volunteer fundraising leadership group.

"As of April 30, Penn State had raised \$51.5 million for the 10 months of the current fiscal year," he said. "That compares favorably to the \$54.2 million raised by the

same point last year - Penn State's best fund year ever."

In 1989-90, the sixth and final year of the comprehensive fundraising effort called The Campaign for Penn State, the University raised \$62.4 million. In 1988-89, it raised \$55.2 million, and in 1987-88, \$50.3 million.

Through April 30 of this year, Mr. Wood said, gifts to Penn State are up in four of the five major categories:

- alumni giving, \$13.5 million, compared with \$10.8 million at the same point last year;
 - friends' giving, \$7.2 million, compared with \$6.9 million last year;
 - foundation giving, \$7.9 million, compared with \$5.5 million last year;
 - organization giving, \$5.7 million, compared with \$4.9 million.
- Because of the recession, corporate giving

has declined sharply, to \$17.2 million as of April 30, compared with \$26.2 million by the same date last year.

"The pattern for corporate giving is like this at colleges and universities across the nation," Mr. Wood said.

Noting that last year's corporate giving totals to Penn State were bolstered significantly by a \$6.6 million gift from IBM, he said, "nothing on that scale has occurred this year."

Interim budget

The Board of Trustees has approved an interim maintenance operating budget for the fiscal year beginning July 1.

The interim budget was approved at the level of the adjusted 1990-91 budget of \$1,257,957,000 for all divisions, including

the Hershey Medical Center and all auxiliary enterprises.

"Since we are not yet sure what the state appropriation will be for the University, a final budget is not available for the Board's approval," Steve A. Garban, senior vice president for finance and operations, said.

"Thus, the University will need an approved interim budget to enable it to operate into the new fiscal year, which starts July 1. The Board is not scheduled to meet again until after that date."

The interim budget was approved with the recommendation that no action be taken at this time on changes in tuition, salaries and wages, staff benefits or other necessary expense increases.

A final budget will be submitted at the July 12 Board of Trustees meeting, if and when the state appropriation is clarified.

Program changes

The Board of Trustees has approved a number of changes in academic units and graduate and undergraduate programs.

The Institutional Engineering Advisory Services will now be known as the Penn State Facilities Engineering Institute, Department of Architectural Engineering, College of Engineering. The program was established in 1947 in response to the state's request that Penn State provide engineering and advisory services, particularly with respect to fossil fuel procurement.

The Board approved a name change for the major in labor studies in the College of the Liberal Arts to the major in labor and industrial relations. The new name more accurately describes the present program because of the program's emphasis on the institutional relationship between

employees, employers and their respective organizations.

Also approved were:

- Change in name from the Division of Science, Engineering and Technology to the School of Science, Engineering and Technology at Penn State Harrisburg. The name change will increase regional and national recognition of Penn State Harrisburg's role in engineering technology and will help in the recruitment of students and faculty.

- A proposal to divide the Division of Science, Engineering and Technology into the Division of Science and the School of Engineering and Engineering Technology at Penn State Erie, The Behrend College. The change is intended to provide more effective administration and was recommended by evaluators from the Accrediting Board of Engineering and Technology.

- Establishment of the School of Engineering Technology and Commonwealth Engineering to replace the Department of General Engineering, College of Engineering. The new school will provide a single, centralized academic home for all associate degree programs in engineering technology.

Changes in undergraduate programs are:

- Addition of a major in associate degree in science in occupational therapy in the College of Education.
- Addition of a minor in mushroom science and technology in the College of Agriculture.
- Addition of a new option in golf management in the major of leisure studies in the College of Health and Human Development.
- Dropping of a major in associate degree in arts in labor studies in the College of the Liberal Arts.

- Dropping of an option in industrial and union organization in the labor and industrial relations major in the College of the Liberal Arts.

- Dropping of an option in public sector and policy in the labor and industrial relations major in the College of the Liberal Arts.

Changes in graduate programs are:

- Addition of a master of arts degree in music theory and history in the School of Music.

- Addition of the master of education degree, master of science degree, doctor of education degree and doctor of philosophy degree in instructional systems in the College of Education.

- Addition of doctor of philosophy degree in architectural engineering in the College of Engineering.

Board of Trustees receives report on faculty development

Universities and individual faculty members are jointly responsible for a faculty member's personal growth, The Task Force on Faculty Development concludes.

In a report to the Board of Trustees, **John J. Cahir** said, "The members of the task force believe that faculty development is a shared responsibility."

"Historically, universities have expected faculty members to bear the brunt of responsibility for their own professional and personal growth. This philosophy is outdated. Faculty now face a huge and growing knowledge base, a shifting society and increased student expectations, and a rapidly changing model of a large research university."

Dr. Cahir, professor of meteorology and associate dean for resident instruction in the College of Earth and Mineral Sciences, chaired the task force, which was appointed by the executive vice president and provost and the chairperson of the University Faculty Senate.

"We know that some departments and

colleges are already doing the kinds of things that help faculty members to fulfill their missions of teaching, research and service," Dr. Cahir said. "We looked at ways to provide this type of assistance to all faculty members."

The task force addressed five areas of concern: progress toward equity in faculty salaries, policies and procedures for determining faculty workloads, faculty development and research initiation programs, climate and expectations for research and teaching involvement, and equitable application of tenure and promotion guidelines.

During deliberations, task force members dealt with growth and renewal in terms of a whole-person, lifecycle approach, Dr. Cahir said.

Seventeen recommendations are grouped into three areas: improving the climate for personal development, upgrading the value of teaching, and providing for personal development.

Another climate-related recommendation

suggests that the Commonwealth Educational System encourage more faculty interaction through mentoring programs and funding for visiting professors and faculty exchanges.

Recommendations dealing with teaching emphasize that "teaching and research are essential and complementary elements of the faculty role," Dr. Cahir said. "As the University advances faculty development, it must find ways to value and assess teaching more effectively, to foster outstanding instruction along with scholarship, and, as a research university, strengthen the ties between teaching and research."

"The recommendations, which were approved unanimously by the task force members, are designed to help faculty members move up through the ranks in their fields," he said.

In addition to Dr. Cahir, other task force members were **Deborah F. Atwater**, senior faculty mentor and director, Minority Faculty Development; **Robert A. Bernoff**, professor of science and general

chemistry, Penn State Ogontz Campus; **Joseph S. DiGregorio**, associate dean for Commonwealth Educational System (CES) and Continuing Education, College of Engineering; **Louise E. Hoffman**, associate professor of humanities and history, Penn State Harrisburg; **Ronald R. Keiper**, director of academic affairs, Penn State Mont Alto Campus.

Theodore E. Kiffer, interim dean, College of the Liberal Arts; **Manfred Kroger**, professor of food science; **Roland E. Larson**, professor of mathematics, Penn State Erie, The Behrend College; **John J. Romano**, campus executive officer, Penn State York Campus; **Jack P. Royer**, associate dean for undergraduate education, **Suzanne Striedick**, associate librarian; and **Roger Zellner**, associate professor of art, Penn State Altoona Campus.

Michael J. Doors, senior planning analyst, Office of Planning and Analysis, and **Del Sweeney**, senior project associate, Office of the President, served as staff for the task force.

Agricultural Sciences and Industries Building

The College of Agriculture's new Agricultural Sciences and Industries Building being dedicated May 31 has a large paved and landscaped entrance, shown at the right. The six-story brick building also has a covered walkway connecting it with Henning Building, shown at the left. Costing \$24 million, the 150,000-square-foot building contains a 202-seat auditorium/classroom, shown below. The photo at the lower right is of the rear entrance.



Photos by
Greg Grieco

Focus on the arts

Centre Stage tickets

Single tickets for the 1991 season of Pennsylvania Centre Stage went on sale Tuesday, May 28, at the Eisenhower Auditorium Ticket Center at University Park.

Centre Stage, now in its sixth season, will produce the inspiring drama "Driving Miss Daisy," June 19 through July 6; the zany Off-Broadway musical hit "Nunsense," July 3 through July 20, and the powerful three-character play "Orphans," July 17 through Aug. 3. All evening shows are at 8 p.m. Matinees begin at 2 p.m.

Tickets for "Driving Miss Daisy" and "Orphans" are \$17 for adults and \$14 for students/children. Previews and matinees are \$13 and \$10. "Nunsense" tickets are \$19 and \$16, with previews and matinees \$15 and \$12. For tickets, phone (814) 863-0255 between 8:30 a.m. and 4:30 p.m., Monday through Saturday.

Butterfly chairs

Art and industry form new relationships in "Metamorphosis of a Butterfly," an exhibition of butterfly chairs that opens June 1 and continues through June 30 in Zoller Gallery at University Park.

Cuest curator David Robinson, an industrial designer in New York City, invited 26 artists from around the country to participate in the exhibition. Artists were given an historic form, the butterfly chair, and were allowed to manipulate it as they wished.

The exhibition involves a variety of artists including designers, sculptors, painters and mixed-media artists from Pennsylvania, Maryland, New Jersey, Connecticut, Ohio, New York, Tennessee, Oklahoma, Louisiana, Texas, Colorado and California. Each artist was given a butterfly chair and several months to work on it.

Chairs in the exhibition are surface decorated, used as elements of an environment and in some cases no longer resemble a chair at all.

A reception for the artists will be held from 7 to 9 p.m. Saturday, June 1, in Zoller Gallery.

The exhibition and reception are free and open to the public. Zoller Gallery is located in the Visual Arts Building. Gallery hours for the summer are 10 a.m. to 4 p.m. Monday through Friday; 11 a.m. to 4:30 p.m. Saturday, and noon to 4 p.m. Sunday.

The arts on Channel 3

His name is legendary in the annals of the American legal system from the late 19th century through the early decades of the 20th century. He is Clarence Darrow, and for the first time his life as a man, as

Music at Penn's Woods

Season subscriptions and single performance tickets for Music at Penn's Woods, the summer orchestral and chamber music festival at University Park, go on sale Monday, June 3, at the Eisenhower Auditorium Ticket Center.

Four Saturday concerts will be given at 7:30 p.m. June 29 and July 6, 13 and 20 in Schwab Auditorium.

Featured works will include Stravinsky's Firebird Suite 1919; Dvorak's Symphony No. 8 in G major, Op. 88; Mozart's Symphony No. 29 in A, K. 201; Shumann's Symphony No. 3; and Brahms' Symphony No. 4.

In addition to the Saturday concerts, free chamber music recitals will be performed at 3 p.m. Sundays, June 30 and July 7 and 14; 7:30 p.m. Thursday,

July 4, and 7:30 p.m. Wednesdays, July 10 and 17, in the School of Music Recital Hall.

The first 100 students who purchase Penn's Woods tickets will receive a pair of neon sunglasses. The sunglasses will be distributed at the ticket center at the time of ticket purchase.

Season subscriptions are \$18 for adults and \$12 for students. Single ticket prices are \$6 for adults and \$4 for students. To order tickets, call Eisenhower Auditorium Ticket Center at (814) 863-0255 Monday through Saturday, 8:30 a.m. to 4:30 p.m. Music at Penn's Woods is sponsored by the School of Music in the College of Arts and Architecture and the Office of Summer Sessions.

well as a public figure, will be dramatized in a two-hour biographical film, titled "Darrow," which will premiere on American Playhouse on 9 p.m. Friday, June 7, on WPSX-TV.

The political and personal intrigue, corruption and lust that toppled the glory of vain-glorious Rome will unfold on Masterpiece Theatre when "I, Claudius" encores on WPSX-TV at 9 p.m. June 9-Aug. 25. Episode one is a two-hour presentation.

Based on Robert Graves' best-selling novels about dirty work in ancient Rome, the critically acclaimed series lavishly depicts the orgiastic society of the all-powerful Claudians, the family whose business was ruling the world.

'Driving Miss Daisy'

"Driving Miss Daisy," Alfred Uhry's Pulitzer Prize-winning play about an elderly Southern widow and her driver, will open the Pennsylvania Centre Stage 1991 season Wednesday, June 19, and run through Saturday, July 6, at the Pavilion Theatre at University Park.

After 72-year-old Daisy backs her brand-new Packard through the neighbor's garage, her son insists on hiring a chauffeur. Resenting her loss of independence, Daisy refuses to cooperate with the new driver, an African American/Black American man named Hoke. But Hoke's patience and gentle humor eventually thaw her frosty indifference.

During their 25-year companionship, Daisy and Hoke learn to transcend differences in race, religion and social class and come to depend on one another. It's a story of lasting friendship

and the bonds that connect people to each other.

"Driving Miss Daisy" will be presented at 8 p.m. June 19-22, 27-29, July 2, 3, 5 and 6. Preview performances are June 19 and 20. Saturday matinees are at 2 p.m. June 22 and 29 and July 6.

Tickets for evening performances are \$17 for adults and \$14 for students and children. Tickets for matinees and preview performances are \$13 for adults and \$10 for students and children. For more information, call the Eisenhower Auditorium Ticket Center, open 8:30 a.m. to 4:30 p.m. Monday through Saturday, at (814) 863-0255.

Seminar scheduled

A Seminar in Feminist Literary Criticism, sponsored by the Department of English and the Office of Summer Sessions, will be held June 24-28 at University Park.

Faculty members and graduate students from more than 30 colleges and universities have registered for the 50 places at the seminar, which will be led by Professor Elizabeth Abel of the Department of English at the University of California, Berkeley, and Professor Madelon Sprengnether of the Department of English at the University of Minnesota.

Two public lectures are being offered in conjunction with the seminar. Professor Sprengnether will speak Monday, June 24, and Professor Abel will speak Wednesday, June 26. Both presentations are scheduled for 8 p.m. in 101 Kern Building.

The summer seminar is the first of a planned series of seminars in literary criticism and theory. Each summer's

seminar will explore a different set of issues about or approaches to literature.

Summer art classes

A series of five courses for children and teens is being offered from 9 to 11 a.m. Thursdays, beginning June 27 and ending Aug. 1, in the professional art studios at University Park.

Courses are taught by seniors in art education prior to their student-teaching experiences in the public schools. Each course is assigned three teachers, allowing personal attention to all students enrolled. The courses also are supervised by three University instructors and are supplemented with field trips, visits by professional artists, and gallery, museum and arts festival activities.

"Modern Art for Modern Minds" is a course for six- and seven-year-olds. Children from eight to 10 years old may choose "Art for Aspiring Artists" or "Nature, Painting and Artworks." The course for 10- to 14-year-olds is "Art in Today's World," in which students develop artworks from social and cultural events and issues in today's world. Teens and advanced students will produce a body of works in a special studio session.

Tuition consists of a materials fee of \$16.50 for children and \$18.50 for teens and advanced students.

Register on a first-come first-served basis by calling (814) 865-6570 weekdays 9 a.m. to 4 p.m.

Shakespeare Festival

There are still openings for the Department of English's excursion to Stratford, Ontario, for the Stratford Shakespeare Festival from Friday, July 26, to Monday, July 29.

Participants can enjoy the following performances: Friday evening, "The Carousel" in the Festival Theatre or "Timon of Athens" in Patterson; Saturday afternoon, "School for Wives" in Avon; Saturday evening, "Hamlet" in Festival Theatre; Sunday afternoon, "Twelfth Night" in Avon or "Much Ado About Nothing" in Festival Theatre.

Two pricing plans are available. Plan A includes tickets to see three plays, lodging in Stratford rooming houses, and roundtrip transportation in University vans for \$220. Plan B includes tickets to see four plays, lodging and transportation for \$260.

For each reservation, a \$30 per person down payment is required. Make checks payable to Sanford Schwartz and send them to him in the Department of English, University Park, Pa. 16802. For further information, contact Dr. Schwartz at (814) 867-3031 or 865-1651.

University Park Calendar

May 30 -
June 16

Special Events

Saturday, June 1

Shaver's Creek, Summer Camp-out for Single Parent Families, 5 p.m.-midnight, through June 2. Call 863-2000.

Sunday, June 2

Shaver's Creek, Winged Hunters, 1-2:30 p.m. Call 863-2000.

Friday, June 14

Commission for Women meeting, 10 a.m.-noon, 256 Hammond.

Saturday, June 15

Shaver's Creek, Bird Breakfast, 8-10 a.m. Call 863-2000.

Sunday, June 16

Shaver's Creek, Household Hazardous Waste, 1-2:30 p.m. Call 863-2000.

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m. "Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubinstein.

Conferences

Continuing Education

Keller Building

June 2-8. Elderhostel Program. Jack Sinclair, coordinator.

June 3-7. Occupational Safety and Health Administration. Richard Hindle, chair;

Chuck Herd, coordinator.

June 3-7. Pa. Association of Arson Investigators. Kent Addis, coordinator.

June 3-7. Dam Safety. Arthur Miller, chair;

Barb Impellitteri, coordinator.



"Back in the Pan or Sometimes I Feel Like a Piece of Bacon" by Joanne Ikey is included in an exhibit of butterfly chairs opening June 1 in Zoller Gallery.

June 4. Managing Conflict, Stress and Communication Challenges. Ania Shmukler, instructor; Donna Ricketts, coordinator.

June 4-7. Pa. Therapeutic Recreation Institute. Bill Sterner, chair.

June 5. Professional Speaking. Ann Smilowitz, chair; Jeri Milson, coordinator.

June 7-9. Adult Golf Week. Jeff Mowrer, chair; Jeri Milson, coordinator.

June 8. Women Forging the Future. Donna Ricketts, coordinator.

June 9-14. Communications Workers of America District 13. Gilbert Gall, chair;

Chuck Herd, coordinator.

June 9-15. Elderhostel Program. Jack Sinclair, coordinator.

June 9-Aug. 3. Minority Access to Careers (MARC). Dan Trevino, chair; Donna Ricketts, coordinator.

June 11-13. Motor Fleet Advanced Maintenance Management. Kent Addis, coordinator.

June 11-13. Applied Finance and Economic Analysis for Scientists and Engineers. John McWhirter, chair; Chuck Herd, coordinator.

June 11-13. Fifth Conference on Acoustic Emissions. H. Reginald Hardy, chair; Barb Impellitteri, coordinator.

June 12-14. Computer Analysis of Mine Ventilation Systems. R.V. Ramani, chair;

North Lathbury, coordinator.

June 12-16. Chamber Music Workshop. Donald Hopkins, chair; Kent Addis, coordinator.

June 14. Addictive Relationships as they Relate to Co-Dependency. Joe French, chair; Donna Ricketts, coordinator.

June 14-15. District 1199D SEIU. Richard Hindle, chair; Kent Addis, coordinator.

Seminars

Friday, June 7

Lecture, 11 a.m., 101 E. Human Dev. Sam Cordes, Univ. of Nebraska, on "The Changing Rural Economy: Implications for Rural Health Research and Policy."

Exhibits

HUB Galleries

Formal Gallery/Art Alley Cases:

Centre Pieces, quilt exhibit by local chapter, National Quilt Association, through June 2.

Browsing Gallery:

"Twelve Paintings by Tim Mark," through June 2.

Kern Gallery

Outdoor Writers Association of America, photographs, through May 31.

Pattee Library

West Lobby Gallery: Marinda Stretavsky, Fiber Medley of Two Traditions, through June 15.

Rare Books Room

■Texts in Classical Latin: Selections from the Leonard S. and Barbara Lock Goodman Collection, through May 31

"Marbled and Decorated Papers," June 10-July 1

Zoller Gallery

"Metamorphosis of a Butterfly," June 1-30.

Tips

Information Penn State

Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather—234, Arts Line—345; University Calendar—456.

■Reflects an international perspective

Bookshelf

Thomas G. Bowers, assistant professor of psychology at Penn State Harrisburg, is co-author with George A. Clum, of Virginia Polytechnic Institute and State University, of *Is Behavior Therapy Better than Placebo Treatments: Results or Artifact?*, published by the American Psychological Association.

"Most psychotherapists agree that the personal relationship between therapist and client is the most critical factor during treatment of the client," Dr. Bowers says. "Furthermore, techniques such as generic counseling, which we will call placebos, are certainly better than no treatment at all, and in fact, can themselves be considered treatments." Nevertheless, through placebo-

controlled psychotherapy research, cognitive behavioral methods and social skills training can be demonstrated to produce results beyond those of psychological placebos, he notes.

Theresa J. Devine, assistant professor of economics, is the senior author of *Empirical Labor Economics*, published by Oxford. Nicholas Kiefer, professor of economics at Cornell University, is the co-author.

The book is the first to coordinate and make accessible a large and scattered literature on modern applied economics for labor market research. It examines sequential, random and stochastic search models of the labor market, as well as stochastic models, and treats underlying economic theory and econometric methods as needed. It also looks at

structural search models, studies directed at particular policy questions such as the effect of underemployment benefits on unemployment duration, and simple descriptive studies.

Emily R. Grosholz, associate professor of philosophy, is author of *Cartesian Method and the Problem of Reduction*, published by Clarendon Press.

Dr. Grosholz examines how Descartes was able to relate certain complex items and methods in mathematics, physics and metaphysics into simpler elements by using the Cartesian method of organizing knowledge. However, the method narrowed these areas of knowledge. The book examines in detail the impact of Descartes' method on his scientific and philosophical enterprises as evidenced in his writings.

John T. Harwood of the Department of English and the Center for Academic Computing is the editor of *The Early Essays and Ethics of Robert Boyle*, published by Southern Illinois University Press.

Although Robert Boyle (1627-1691) was one of the major figures of the early Royal Society, only half of his voluminous writings focus on natural philosophy. His earliest interests were in ethics and rhetoric.

This volume of previously unpublished manuscripts appears in the tercentenary of Boyle's death and sheds new light on his intellectual origins and development. The edition thus makes accessible the intellectual and religious origins of Boyle's ideas and connects his earliest ethical discourse with his later religious and philosophical writings.

News in Brief

Temporary parking disruption

On Friday, May 31, parking areas Blue G Triangle and Blue G Circle along McKean Road at University Park will be closed to all vehicle parking. These areas will be used for bus unloading for the American Region's Mathematics League. Alternate parking areas should be used.

Cordes lecture

Sam Cordes, professor and head of the Department of Agricultural Economics at the University of Nebraska, will speak on "The Changing Rural Economy: Implications for Rural Health Research and Policy" at 11 a.m. June 7 in 101 East Human Development Building at University Park. Dr. Cordes also is research reviews editor of the *Journal of Rural Health*.

The seminar is co-sponsored by the Center for Health Policy Research, Center on Aging and Health in Rural America, Department of Agricultural Economics and Rural Sociology, and

Department of Health Policy and Administration.

Stadium painting

Once again, painting operations are under way at Beaver Stadium. This year, a different type of paint and protective screening process will be used to eliminate any over-spraying which has occurred in the past. The new type of paint should dry within 40 yards of spraying operations.

In the event the spray in dry form does come in contact with cars, removing it from car finishes can be accomplished by washing the vehicle and therefore, is not expected to be a problem.

If you have any questions, contact Amy Olenick at 865-4402 or Denny Smith at 863-3310.

Film found

A roll of 34-exposure, 35 millimeter "Kodachrome Kod 100" film was found near the outdoor track at University Park and turned in at the Land and

Water Building. To claim the film, call Michelle or Diane at 863-0291.

Penn College groundbreaking

Pennsylvania College of Technology conducted groundbreaking ceremonies May 10 for a new aviation center which will address emerging needs and future trends of the aviation industry.

When completed, the Kathryn Wentzel Lumley Aviation Center, located at the Williamsport-Lycoming County Airport in Montoursville, will provide the potential to double, and possibly triple, enrollment in the College's aviation and avionics programs. The advanced-tech, 53,000-gross-square-foot facility also will feature advanced laboratories to enhance the programs' instructional capabilities.

Mrs. Lumley, of Jersey Shore R.D. 2, is a member of the College's Board of Trustees. Her longstanding ties to the institution include service on the Board for 13 years, with two terms as chairperson.

Faculty/Staff Alerts

Telephone number change

Effective June 6, the telephone number for Allentown Campus will change to (215) 285-5000. You may reach people directly by dialing (215) 285 plus the last four digits of their new direct inward dial number.

Department moves

The Department of Agricultural and Extension Education has moved from Armsby Building to Agricultural Administration Building. The new mailing address is 323 AG Administration Building.

Although many office phone numbers have changed, the main office phone number remains the same (865- 1688).

PTI offices move

The administrative offices of the Pennsylvania Transportation Institute of the Intercollege Research Programs are moving to Research Office Building at University Park, effective June 10. The new address of the Institute will be 201 Research Office Building. Telephone numbers will remain the same as those listed in the current Faculty/Staff directory.

Noon hour courses

The Human Resource Development Center and Continuing Education are offering the following 3-credit courses for University employees during this summer:

Management 100 and Management Information Systems will meet from 11:45 a.m. to 1 p.m. Monday, Tuesday, Wednesday and Thursday for 8 weeks.

The courses are part of the Business Management and Business Administration Certificate Programs offered through Continuing Education. An academic counselor is available to help with course selection.

For information, contact the Human Resource Development Center at (814) 865-3410 or the Continuing Education Office at (814) 865-3443.

New address

The Penn State Allentown Campus has received a new address and zip code from the post office. The new address is: Penn State Allentown Campus, Academic Building, 8400 Mohr Lane, Fogelsville, PA 18051-9999.

Federal Express address change

Federal Express in State College has changed its address from 1300 Benner Pike to 2175 Fox Hill Road, adjacent to University Park Airport.

There is an advantage to this change in that it permits a later cut-off time of 7 p.m. for the University community to get express packages out. All University staff are reminded that a completed EXPRESS AND PARCEL MAIL FORM must accompany any shipment that is dropped off at the Federal Express station.

For further information concerning this matter, call Mail Services at 865-9171.

Obituaries

Richard R. Nelson, Evan Pugh professor emeritus of plant pathology, died April 28 at the age of 64.

An international authority on the genetics of plant pathogenic fungi, disease resistance in plants, and parasitic fitness of fungal plant pathogens, he played a key role in leading plant pathologists and the corn seed industry in halting the 1969-71 epidemic of southern corn leaf blight, which threatened world food supplies.

He received his bachelor of arts degree from Augsburg College in Minneapolis, Minn., and his Ph.D. from the University of Minnesota in 1954. He joined the U.S. Department of Agriculture as a plant pathologist in 1955. He came to Penn State as professor of plant pathology in 1960 and was appointed an Evan Pugh Professor in 1974.

He was a member of the American Phytopathological Society, Mycological Society of America, Genetics Society of America, the Elisha Mitchell Scientific Society and the Society of Sigma Xi. Among his honors were designation as a Fellow of the American Phytopathological Society.

Over the years, his research was supported by the U.S. Department of Agriculture, the National Science Foundation, the National Institutes of Health and the Rockefeller Foundation.

His family has included the Richard R. Nelson Fund for Graduate Education in the Department of Plant Pathology. Contributions may be made payable to the R.R. Nelson Fund, The Pennsylvania State University, and sent to 230 Agricultural Administration Building, University Park, PA 16802.

Alex Black, professor emeritus of animal nutrition and former associate director of the Agricultural Experiment Station, died May 2 at the age of 84.

Dr. Black, a graduate of the University of Kentucky, came to Penn State in 1929 as assistant in animal nutrition, and earned his master's degree in 1933.

In 1936 he received his doctoral degree from the University of Rochester. He became professor of animal nutrition in 1940 and was named assistant director of the Pennsylvania Agricultural Experiment Station in 1953, and promoted to associate director in 1960. He retired Sept. 1, 1969.

Dr. Black was a member of Sigma Xi, scientific research society; Alpha Chi Sigma, professional chemistry fraternity; Gamma Sigma Delta, honor society for agriculture; Pi My Epsilon, professional mathematics fraternity; Phi Lambda Upsilon, chemistry recognition society; and the New York Academy of Sciences.

He was active in the American Society of Animal Science and the American Institute of Nutrition.

He had been active in the recent Campaign for Penn State. He and his wife recently established an endowment at Penn State to support the Alex and Jessie C. Black Award for Excellence in Research in the College of Agriculture, providing a \$1,000 cash award and a plaque for the recipient.

Memorial contributions may be made to the Alex and Jessie C. Black Award for Excellence in Research, Director of Development, College of Agriculture, 230 Agricultural Administration Building, University Park, Pa. 16802.

Jill L. McElroy, patient care secretary, Hershey Medical Center, since Dec. 2, 1974, died April 14. She was 42.

Howard E. Sager, residence hall worker, Housing and Food Services, from Jan. 1, 1949, until his retirement Jan. 1, 1974, died April 21. He was 80.

Theodore S. Polansky, retired assistant professor of fuel science in the College of Earth and Mineral Sciences, died April 29 at the age of 84. He joined the faculty July 1, 1941, and retired July 1, 1972.

C. Ruth Porter, secretary, Housing and Food Services, from Aug. 1, 1927, until her retirement June 1, 1964, died May 3. She was 87.

Agnes R. Shively, catering attendant, Housing and Food Services, from March 25, 1958, until April 16, 1977, died May 6 at the age of 76.

Alvin W. Beck, mail and stockroom clerk, College of the Liberal Arts, from April 1, 1963, until his retirement Sept. 1, 1978, died May 8. He was 78.

Parting

Evelyn E. Bailey, residence hall worker, Housing and Food Services, from Dec. 1, 1961, until May 1.

Leave of Absence

Judith R. Vicary, associate professor of health education, to examine and develop new methodologies for conducting research in employee assistance programs and worksite substance abuse.

Appointments

Marvin E. Goldberg has been appointed the first Irving and Irene Bard university endowed professor of business administration.

Currently a visiting professor at Virginia Tech, Dr. Goldberg has held a position with McGill University, Montreal, Canada since 1970. He will become a member of the marketing faculty in the Smeal College of Business Administration this fall.

At the undergraduate, graduate and executive levels, his instructional interests are in consumer behavior, advertising management, marketing research and social psychology. Recent publications have explored various factors contributing to advertising effectiveness and he has been particularly interested in the effects of advertising upon children.

Dr. Goldberg's research interests include marketing topics of social concern, such as cigarette smoking, unhealthy diets, alcohol abuse, unsafe sexual practices, environmental issues and the special needs of the young and the elderly.

He holds a bachelor's degree in political science and sociology from McGill University, a master's in sociology from Columbia and a doctoral degree in marketing from the University of Illinois.

He has been a visiting faculty member at the University of North Carolina, Stanford University and the University of Florida. He has served on the editorial boards of the *Journal of Consumer Research* and *Psychology and Marketing* and has been active with the Association for Consumer Research.

The Irving and Irene Bard professorship was established in 1987 through a \$259,000 endowment from Penn State alumnus Richard H. Bard of Denver, Colo., chief executive officer of Computerland International. The professorship honors his late parents and was established to support research, teaching and service.

Mr. Bard is a member of The Smeal College's Board of Visitors, an executive-level advisory group. He was recently appointed to the National Development Council.

Raymond Jones has been appointed benefits assistant in the Office of Human

Resources.

A 1990 graduate of Penn State with a B.A. degree in economics, he previously had been employed at Atlantic Financial Savings, F.A., Philadelphia.

While at the University, he served as treasurer of the Black Caucus and was a member of Police Services Student Auxiliary.

John R. Kaiser has been appointed chief of the Commonwealth Educational System (CES) Libraries.

Mr. Kaiser began his career at Penn State in 1964 as an acquisitions librarian and later became chief of the Acquisitions Department. Preceding his recent appointment, he served as coordinator for Collection Development for 14 years.

A graduate of Penn State, he holds two master's degrees, an M.A. in French/romance languages and literature from Penn State and an M.L.S. from Columbia University. Mr. Kaiser, a member of the American Library Association (ALA), serves as vice-chair/chair-elect of the Western European Specialists Section in the Association of College and Research Libraries Division. He also participates on the Research and Planning Committee of this section and on the discussion group, Chief Collection Development Officers of Large Research Libraries in ALA's Association for Library Collections and Technical Services. He is a member of the American Association of Australian Literary Studies.

His most recent publications include *Peter Porter: A Bibliography 1954-1980* and *Tony Harrison: A Bibliography 1957-1987*, covering the works of these contemporary figures of modern poetry.

Ronald R. Keiper has been appointed director of academic affairs at the Penn State Mont Alto Campus.

Dr. Keiper, who has served as acting DAA since January 1990, has been a Biology Department faculty member for more than 20 years and, in January 1990, was one of 29 faculty members named Distinguished Professor.

He has received the Lindback and AMOCO awards for outstanding teaching

and the C.I. Noll Award of the Eberly College of Science. In 1986, he was one of six faculty members nationwide recognized by the American Association of Higher Education and the Carnegie Foundation for "making a difference" in higher education.

Dr. Keiper's research program, much of which has centered on the feral ponies of Assateague Island, has resulted in more than 30 publications.

At the University, he has served on promotion and tenure committees at all levels of review, and in the University Faculty Senate, of which he's been a member since 1986.

At Penn State Mont Alto, he's served on a number of committees and as chair of the Mont Alto Campus Faculty Association. He helped found and is a charter member of the local chapter of Alpha Sigma Lambda, the national honor society for adult learners in continuing education, and helped develop the *Adventures in Learning* Program, which brings middle school students to the campus for a taste of college life.

Richard E. Tressler, professor of materials science and engineering and director of the Center for Advanced Materials, has been appointed head of the Department of Materials Science and Engineering.

He succeeds Michael M. Coleman, professor of polymer science, who is returning to full-time teaching and research following six years as department head.

Dr. Tressler, a member of the University faculty since 1972, is founding director of the Center for Advanced Materials, which was established in 1986. He will continue as an adviser to the center and an active project leader.

He received his M.S. in ceramics from the Massachusetts Institute of Technology in 1964 and his Ph.D. in ceramic science from Penn State in 1967.

Prior to joining the University faculty, he served in the U.S. Air Force and was a National Science Foundation Post-doctoral Fellow in Physics at the University of Essex, England.

He currently serves as vice president of the American Ceramic Society and recently was elected treasurer of the society. A

Fellow of the society, he has received its Howard Little Memorial Award and Professional Achievement in Ceramic Engineering Award.

The author of more than 130 technical papers in scientific and engineering literature, Dr. Tressler also has co-edited five books. He is a member of several editorial boards for research journals and has served on numerous national committees, including the Materials Research Advisory Committee of the National Science Foundation.

Carl Wolgemuth, associate dean for undergraduate studies and professor of mechanical engineering, has been named acting dean of the College of Engineering. He replaces John A. Brighton who has been appointed executive vice president and provost.

Dr. Wolgemuth was named associate dean in the College of Engineering in 1984 after serving for 21 years in the Mechanical Engineering Department.

During his years at Penn State, Wolgemuth has worked to establish the Engineering Cooperative Education Program, which provides students opportunities to alternately work and attend college; the Minority in Engineering Program, which has been successful in helping the college to recruit and retain minority students; and the Women in Engineering Program, which has helped to increase enrollment of women engineering students.

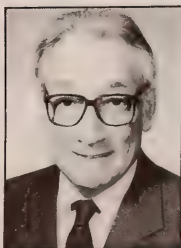
He is a member of the American Society of Mechanical Engineers, the American Society for Engineering Education, Sigma Xi and a fellow of the Society of Automotive Engineers. He received the 1991 John E. Wilkinson Award for Administrative Excellence.

Dr. Wolgemuth also is serving as acting director of the Leonhard Center for Innovation and Enhancement of Engineering Education and headed the search committee for a permanent director.

John D. Mitchell, professor of electrical engineering, will serve as acting associate dean for undergraduate studies. A search committee for a permanent dean will be headed by **George J. McMurtry**, associate dean for administration and planning.



Raymond Jones



John R. Kaiser



Ronald R. Keiper



Richard E. Tressler



Carl Wolgemuth

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 NETWORK LINE 433-0304. Applications for these staff vacancies will be accepted until June 6. DO NOT CONTACT THE AREA THAT HAS THE VACANCY. Applications for staff vacancies are considered in accordance with Fair Employment practices (PS-1) and in compliance with the University's Affirmative Action Compliance Program. without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

■01503, **Executive Housekeeper, Nittany Lion Inn, University Park Campus** – Responsible to the associate manager for the hotel, for supervision of employees to assure proper cleanliness, upkeep and maintenance of hotel, and for appropriate recordkeeping of inventory and employee records. Requires high school, or equivalent, plus one to two years of effective experience. STAFF GRADE 4.

■01504, **Director of Undergraduate Studies Coordinator – Eberly College of Science, Undergraduate Education, University Park Campus** – Responsible for the coordination of programs and services of the Division of Undergraduate Studies in the Eberly College of Science. Administratively responsible to the associate dean for resident instruction. Professionally responsible for administering these programs and services according to procedural guidelines and policies of the Division of Undergraduate Studies. Requires master's degree, or equivalent, preferably in the biological, mathematical or physical sciences, plus one to two years of effective experience in college level academic advising. STAFF GRADE 7.

■01505, **Administrative Assistant, Eberly College of Science, Center for Research, University Park Campus** – Responsible for efficient overall operation of office. Supervise clerical staff; prepare and monitor budgets; assist with five- and seven-year budget plans. Requires bachelor's degree, or equivalent, preferably in business administration, plus one to two years of effective experience, including accounting. Administrative applications and supervision. STAFF GRADE 6.

■01506, **Coordinator for Public Information and Public, Arts and Development, University Park Campus** – Responsible to the director of development, College of Arts and Sciences, for the long- and short-range planning, development and management of the College's major impact publications and recruitment brochures and the coordination of scheduling and production timetables.

Requires bachelor's degree, or equivalent, in journalism or English or related field plus at least two years of effective experience. STAFF GRADE 6.

■01507, **Foreign Student Advisor, President's Office, Office of International Programs, University Park Campus** – Responsible to the director for international students for a broad range of counseling and advising to international students. Requires master's degree, or equivalent, in student personnel, counseling, or related field plus two to three years of effective experience, some of which is in international educational experience. International work, study or living experience plus computer literacy highly desirable. Knowledge of immigration procedures and regulations required. STAFF GRADE 7.

■01508, **Research Aide, Earth and Mineral Sciences, Materials Science and Engineering, University Park Campus** – Maintain, repair and modify electronic and mechanical equipment used in research and instruction. Assist faculty and staff with laboratory projects. Maintain research areas in safe and orderly condition. Requires associate degree, or equivalent, in electronics plus one to two years of effective experience. STAFF GRADE 4.

■01509, **Assistant to the Director, Health and Human Development, Center for Location Studies, University Park Campus** – Responsible to the director for the planning and management of administrative and operational activities of the Center. Requires bachelor's degree in business, health administration or related social science field (master's preferred) with two to four years of effective experience. Strong writing and communications skills are essential. Experience in research administration, proposal writing and contract negotiation desired. University knowledge helpful. STAFF GRADE 7.

■01510, **Architect, Office of Physical Plant, Facilities Planning, University Park Campus** – Responsible to the manager, Facilities Planning, for conceptual design and development of preliminary program plans for construction projects and for the development and preparation of background materials for the presentation of proposals for projects. Requires bachelor's degree in architecture, or equivalent, plus two to three years of effective experience in architectural design, including a working knowledge of structural and mechanical systems. Professional architecture registration is required. STAFF GRADE 7.

■01511, **Director of University Relations, Ogontz Campus, University Relations** – Responsible to the campus executive officer for organizing and conducting a comprehensive University relations program for the entire campus, including Continuing Education, Office of Information and Relations, Gifts and Endowments, Alumni and community activities. Requires bachelor's

degree, or equivalent, plus two to four years of effective experience preferably involving newspaper and/or journalistic writing and public relations. Relevant experience in higher education is desirable. STAFF GRADE 8.

■01512, **Coordinator, Residence Life, Behrend College** – Responsible to the associate dean of student services for providing assistance with supervision and administration of the Residence Life Program serving 1,100 students. Requires bachelor's degree, or equivalent, plus at least one to two years of effective experience, or a master's degree, or equivalent, in student personnel or related field with three to six months of residence hall experience and a demonstrated commitment to the application of student development principles to residence life practice. This is a full-time, ten-month, live-in position. STAFF GRADE 6.

Hershey

For the following position vacancies, apply directly to The Milton S. Hershey Medical Center. Attach resume with cover letter indicating the position vacancy code and forward to the Department of Human Resources, Hershey, or call the Hershey bid line at (717) 531-8533 by June 6.

■7429, **Infection Control Analyst, Department of Quality Services** – Responsible to the director, Quality Services, for supervision and coordination of infection control programs in all sections of the University Hospital to include checking for infection and summarizing and preparing reports on such infections. Requires bachelor's degree of science in nursing or equivalency and registered professional nurse currently licensed by the Pennsylvania Board of Nurse Examiners, plus one to two years of effective experience in the area of infectious disease or related area. STAFF GRADE 6.

■7454, **Section Supervisor, Department of Clinical Laboratories** – Responsible to the respective chief technologist for the proper and efficient supervision of assigned areas of responsibilities. Requires bachelor's degree in Medical Technology MT (ASCP), and/or equivalency, plus 3-4 years of effective experience. STAFF GRADE 6.

■7468, **Director, Capital Planning, Office of Associate Vice President for Administration and Operation** – Responsible to the associate vice president for administration for the development and management of a capital budget planning process for renovations and new building programs at the Hershey Medical Center. Requires bachelor's degree in business administration, or finance, or equivalent with 5-7 years of effective experience to include capital planning, budgeting and facilities management. MBA preferred. STAFF GRADE 9.

■7334, **Information System Coordinator, Department of Nursing, Division of Operating Room** – Responsible to the director of the operating room, assistant director of nursing, for the efficient operation of the operating room computer system, monitoring information system projects, providing training to users and monitoring interface between department systems and mainframe systems. Requires bachelor's degree or equivalency in business, computer science or related field plus 2-4 years of effective experience. STAFF GRADE 7.

■7441, **Supervisor, Surgery Research Animal Lab, Department of Surgery, Division of Cardiothoracic Surgery** – Responsible to a research assistant for the day-to-day operation of the experimental animal phase of the L.H.A. and T.A.H. research programs and other research in cardiothoracic surgery. Requires a bachelor's degree in biology or equivalency plus 1-2 years of effective experience. STAFF GRADE 6.

■7449, **Computer Operator, Department of Information Systems** – Responsible to the manager of information systems for monitoring and controlling electronic computers on established routines and for assisting department staff members as required. This is third shift, midnight to 6 a.m., alternating weekends position. Requires two years of college or equivalent with one to two years of experience in data processing. STAFF GRADE 4.

■6655, **Clinical Nurse Educator/Operating Room, Department of Nursing Education** – Responsible to the assistant director of nursing, Nursing Education, for the design, implementation, and evaluation of orientation, basic and advanced education programs and specialized courses for all levels of nursing personnel. Requires master's degree in nursing plus 1-2 years of effective clinical experience in area of expertise; and current licensure by Pennsylvania State Board of Nursing. Certification in specialty areas is desirable. STAFF EXEMPT, GRADE 7.

■7419, **Nurse Anesthetist, Department of Anesthesiology** – Administratively responsible to the chairman of the Department of Anesthesiology and professionally responsible to a designated anesthesiologist to administer anesthesia, and to provide pre-operative, operative, and post-operative care to patients. Requires graduate of accredited school of nursing plus graduation from an accredited school of nurse anesthesia and certification by the State of Pennsylvania, in addition, one to two years of effective experience is required. STAFF EXEMPT, GRADE 6.

■7332, **Clinical Head Nurse, Nursing 6 Medical-Surgical, CT Surgery Service** – Responsible to the nursing manager and/or the assistant director of nursing services for performing a variety of nursing duties, as well as providing

leadership to nurse clinicians and other patient care personnel. Requires registered nurse with a current license to practice professional nursing in Pennsylvania, plus one to two years of effective nursing experience. Bachelor of science in nursing preferred. STAFF NONEXEMPT, GRADE 5.

■7139, **Clinical Head Nurse, Nursing 6 Medical-Surgical, Vascular Surgery Service** – Responsible to the nursing manager and/or the assistant director of nursing services for performing a variety of nursing duties, as well as providing leadership to nurse clinicians and other patient care personnel. Requires registered nurse with a current license to practice professional nursing in Pennsylvania, plus one to two years of effective nursing experience. Bachelor of science in nursing preferred. STAFF NONEXEMPT, GRADE 5.

■7133, **Clinical Head Nurse, Nursing 5 Medical-Surgical, Neurosurgery, Neurology, SCI Service** – Responsible to the nursing manager and/or the assistant director of nursing services for performing a variety of nursing duties, as well as providing leadership to nurse clinicians and other patient care personnel. Requires registered nurse with a current license to practice professional nursing in Pennsylvania, plus one to two years of effective nursing experience. Bachelor of science in nursing preferred. STAFF NONEXEMPT, GRADE 5.

■7135, **Clinical Head Nurse, Nursing 3 Medical-Surgical** – Responsible to the nursing manager and/or the assistant director of nursing services for performing a variety of nursing duties, as well as providing leadership to nurse clinicians and other patient care personnel. Requires registered nurse with a current license to practice professional nursing in Pennsylvania, plus one to two years of effective nursing experience. Bachelor of science in nursing preferred. STAFF NONEXEMPT, GRADE 5.

■7130, **Clinical Head Nurse, Nursing Adult Critical Care** – Responsible to the nursing manager and/or the assistant director of nursing services for performing a variety of nursing duties, as well as providing leadership to nurse clinicians and other patient care personnel. Requires registered nurse with a current license to practice professional nursing in Pennsylvania, plus one to two years of effective nursing experience. Bachelor of science in nursing preferred. STAFF NONEXEMPT, GRADE 5.

■7420, **Coordinator, Emergency Department, Department of Emergency Services** – Responsible to the manager, Emergency Services, for the supervision of clinical personnel assigned to the Emergency Care Unit registration desk. Also responsible for providing statistical and other similar periodic administrative reports. Requires an associate degree or equivalency, plus one to two years of effective experience. Previous supervisory experience preferred. STAFF GRADE 4.

Focus on Research

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Intercom
May 30, 1991

Insects, diseases — not air pollution — are cause of forest decline in the Black Forest

The claim that air pollution is ruining the famed Black Forest of Germany is unfounded, a University plant pathologist says.

Contrary to German surveys linking air pollution to yellowing of leaves and defoliations of trees in the Black Forest, close-up inspections suggest other causes for these problems, **John M. Skelly**, professor of plant pathology in the College of Agriculture, says.

The misdiagnosis of air pollution as the cause of the forest's problems had an impact on the Clean Air Act Amendments of 1990, he adds.

"In the Clean Air Act debates that have occurred in Congress, some of the evidence cited by experts to show the damaging effects of air pollution is from surveys done in the Black Forest. This misinformation should not be used to drive public policy on clean air, since it is basically misleading concerning causes of change in tree health.

"In my travels through the Black Forest, I did not find the forest in declining health. I did see some sick trees, but, in general, the trees I saw were healthy," he

says. "When I found sick trees, the explanations for their conditions were not related to air pollution."

Dr. Skelly spent August through December 1989 at the Albert Ludwigs University in Freiburg. While on sabbatical leave, he evaluated the health of the Black Forest, located in the Southwest corner of the country. He looked at Norway spruce, Silver fir and European beech, traveling thousands of miles on forest roads.

He presented a research paper on his findings, "On the Importance of Etiological Accuracy during Surveys to Determine Forest Condition," at the Global Warming — A Call for International Coordination conference, held in April 1990.

It is based on his observations of the Black Forest and forests in the Eastern United States.

In the Black Forest, surveys are conducted using binoculars, he says. From a distance, it is easy to overlook other factors contributing to yellowing leaves and defoliations.

The most overlooked culprits are insects and diseases, he says. Other causes of sick trees are old



John M. Skelly

logging wounds, which greatly stress a tree, the presence of fungi and lightning damage.

"Looking at a forest through binoculars to determine what is causing any observed changes in health is no more accurate than a physician using binoculars to make a diagnosis of a patient's health," Dr. Skelly says.

He did not find evidence that acid rain or its precursors, sulfur dioxide and nitrogen dioxide, are affecting the Black Forest. Rather, in working with his German colleagues, he learned that magnesium deficiency, due to previous poor forest management, is stressing some trees on a site-specific basis.

Magnesium deficiency dates to the 11th century, when monks used the wood from Black Forest beeches as a fuel to extract silver ore. While they did replant beeches, they removed most of the forest litter and small branches for other uses, never replacing nutrients in the soil.

In the last 300 years, the faster-growing Norway spruce has been planted. It requires more magnesium than the beech, Skelly explains. This development, coupled with a severe drought in Germany in 1983 and 1984, has led to a decline in health in some trees.

"With good moisture levels in the recent period from 1986, the Black Forest has begun rebounding," he adds.

Dr. Skelly is a member of a group of University researchers who are studying the effects of air pollution on trees and plants.

— Deborah A. Benedetti



In the photo at left, a large Silver fir in the Black Forest of Germany shows signs of needle loss at its crown (top). The crown condition of this tree has been attributed to air pollution, but the real culprit is the wound on the tree's trunk (photo at right), John M. Skelly says. He took the photographs in 1989 while conducting research in the Black Forest.



Nobel laureate Lipscomb will present colloquium

Nobel laureate William N. Lipscomb, Abbott and James Lawrence professor emeritus of chemistry at Harvard University, will present a colloquium lecture titled "Structure and Function of Allosteric Enzymes," at 11 a.m. Wednesday, June 12, in Room 111 Wartik Laboratory at University Park. It is sponsored by the Eberly College of Science.

Dr. Lipscomb's work, for which he received the 1976 Nobel Prize in Chemistry, ranges from first principles of chemical bonding in boron-containing compounds to the full three-dimensional structure of complex macromolecular proteins.

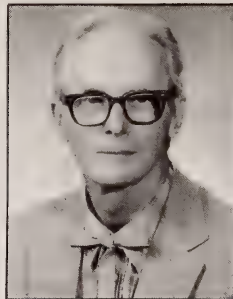
In recent years, one of his primary focuses has been the allosteric enzyme aspartate transcarbamylase (ATCase), which catalyzes the first unique step in the biosynthesis of CTP, a key building block of DNA.

A member of the National Academy of

Science and the American Academy of Arts and Sciences, Dr. Lipscomb was honored with the 1973 Peter Debye Award in Physical Chemistry from the American Chemical Society. He is the recipient of 10 honorary degrees from universities and colleges throughout the United States.

He has been on the editorial boards of numerous national and international scientific journals, serving as associate editor of the *Journal of Chemical Physics* and the *Journal of American Chemical Society*. Currently, he serves on the scientific advisory boards of the Robert A. Welch Foundation and NOVA and Gensia pharmaceutical corporations.

A graduate of the University of Kentucky with a bachelor's degree in chemistry, Dr. Lipscomb earned his doctoral degree at the California Institute of Technology. He was named Abbott and James Lawrence professor of chemistry at Harvard in 1971.



William N. Lipscomb

CES dean search committee named

President Thomas has announced the names of a 14-member search committee charged with forwarding candidates to fill the position of senior vice president and dean for the Commonwealth Educational System.

The committee, which will recommend individuals to President Thomas to fill the position currently held by Richard E. Grubb, is chaired by **Anne C. Petersen**, dean of the College of Health and Human Development.

Other committee members are: **James D. Gallagher**, campus executive officer, Penn State Worthington Scranton Campus; **Barbara Garrison**, professor and head, Department of Chemistry; **Gregory L. Geoffroy**, dean, Eberly College of Science; **Bernard L. Guss**, associate professor of general engineering, Penn State New Kensington Campus; **Wayne R. Hager**, professor and head, School of Engineering Technology and Commonwealth Engineering; **Greg Lalle**, undergraduate student; **Wayne D. Lammie**, campus executive officer, Penn State Schuylkill Campus;

Peter P. Rebane, associate professor of history, Penn State Ogonitz Campus; **August H. Simonsen**, associate professor of environmental sciences, Penn State McKeesport Campus; **Gayle L. Smith**, associate professor of English, Worthington Scranton Campus; **James B. Stewart**, vice provost; **Kenneth A. Thigpen**, associate professor of English and comparative literature; **Sara Lou Whilden**, associate librarian, Penn State Delaware County Campus.

The search committee will advertise the search and receive and screen applications and nominations. The committee will submit a list of candidates to the president and participate in the final interview schedule. The name of the top candidate must be forwarded by President Thomas to the Board of Trustees for approval.

Carpooler

Lisa and Shirley would like to carpool from Milroy to University Park. Their work hours are 7:30 a.m. to 4:30 p.m. Call **Lisa** at 863-3250.

Biomedical research support grants are awarded

Eleven Biomedical Research Support Grant awards, ranging from \$4,000 to \$10,000, have been made to faculty members from funds provided to the University by the Department of Health and Human Services.

The awards are made to faculty members from all campuses with research interests in the life and health-related sciences (except for the Hershey Medical Center which offers a separately funded program).

Forty proposals were received and reviewed by a faculty committee appointed by Charles L. Hosler, senior vice president for research and dean of the Graduate School.

Faculty members awarded grants and the proposal titles are:

Barbara Brumner, assistant professor of psychology, "Impact of Social Support and Locus of Control on Perceived Illness Intrusiveness and Quality of Life;" **Andrew G. Clark**, associate professor of biology, "Alternative Splicing of the MLC-ALK Gene in Insects;" **Peter A. Farrell**, associate professor of applied physiology, "Use of a Rat Model to Study Exercise Training Induced Reproductive Dysfunction with

Forty proposals for Biomedical Research Support Grants were received and reviewed by a faculty committee. Eleven awards were made.

Emphasis on the Anterior Pituitary Gonadotrope;" **Patricia Lyons Johnson**, assistant professor of anthropology, "Child Nutritional Status and Fetal Loss in a Natural Fertility Population, The Gainj of Papua New Guinea;" **Juliette T.J. Lecomte**, assistant professor of chemistry, "Probing Electrostatic Interactions in Proteins: pKa of Histidine Residues in Myoglobin;" **B. Tracy Niscon**, assistant professor of molecular and cell biology, "The Role of Sigma54-dependent Regulators in Eubacterial Signal

Transduction;" **Allen T. Phillips**, professor of biochemistry, "Analysis of the Pathway for Ergothioneine Degradation;" **Ronald D. Porter**, associate professor of microbiology and molecular genetics, "Genetic Analysis of SSB-1 Protein Function;"

Mark Stoneking, assistant professor of anthropology, "A Test of the Heterozygote Advantage Hypothesis for Cystic Fibrosis;" **James S. Ultman**, professor of chemical engineering, "A Laser-Induced Fluorescence Analyzer for Measurement of Respiratory Formaldehyde Absorption;" **James W. Wood**, associate professor of anthropology and senior research associate, Population Issues Research Center (PIRC); **George C. Kephart**, assistant professor of sociology and research associate, PIRC; **Anne V. Buchanan**, research associate, Department of Anthropology and PIRC; **Gillian R. Bentley**, research associate, PIRC; and **Kenneth M. Weiss**, professor of anthropology and senior research scientist, PIRC and Graduate Program in Genetics, "The Demography and Genetic Epidemiology of Fetal Loss in the Amish and Mennonites of Mifflin County, Pa."

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William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

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President Thomas announces delay in salary planning and program allocations for 1991-92

In response to uncertainty regarding the 1991-92 state appropriation, President Thomas has announced a temporary delay in salary planning and program allocations for the upcoming academic year.

"Generally speaking, at about this time of year, deans and unit heads are given an estimate of salary increases likely for the next fiscal year," Dr. Thomas explained. "We are going to delay temporarily that process this year."

"We are doing this because the budget scenarios we have looked at show that an improvement in the zero appropriation increase suggested by the Governor would be very helpful in addressing our most critical salary and program needs. I am optimistic that by delaying temporarily our decision on salaries and program allocations, we may be better able to serve both needs."

Dr. Thomas explained that the Commonwealth's fiscal dilemma, combined with the need to address the difficult issue of increasing taxes, make the budget

situation more uncertain than in recent years.

The Pennsylvania Association of Colleges and Universities (PACU), which represents all sectors of higher education in Pennsylvania, is working to support a tax increase that is adequate to address the state's current fiscal difficulties in a way that would enable the Commonwealth to provide adequate funding to higher education. Dr. Thomas and University of Pennsylvania President Sheldon Hackney are co-chairing a statewide Committee of Presidents that is supporting this effort for PACU. Pennsylvania currently ranks 47th in the nation in terms of appropriation per full-time-student to public higher education.

"We continue to work diligently to persuade the General Assembly and the Governor to increase Penn State's appropriation but, at this time, we do not know the result of our efforts," Dr. Thomas said.

Specifically, he said that the University will delay recommendations usually made for July implementation on general salary increases for faculty, exempt and non-

exempt staff, and clerical employees. This action will apply to both standing and fixed-term employees at Penn State. In instances where contractual salary increase commitments have been agreed to by Penn State, the University will proceed according to those contracts.

"It is our expectation that the final University budget for 1991-92 will enable us to proceed with a salary increase plan for the coming academic year," the president said. "It is still our hope to be in the position to take a budget to the Board of Trustees at its meeting in July."

"This is obviously a difficult year for the state of Pennsylvania," Dr. Thomas added. "The Commonwealth's fiscal concerns are having an impact at every level, including here at the University. We are confident, however, that Penn State will continue its move forward into the 1990s as an even stronger university."

Six faculty receive Presidential Young Investigator award

Six faculty members have been named to receive Presidential Young Investigator awards by the National Science Foundation.

Recipients of the award are **Andrew R. Buchman**, assistant professor of molecular and cell biology; **Charles R. Fisher**, assistant professor of biology; **Joseph C. Hall**, assistant professor of molecular and cell biology, and **Paul S. Weiss**, assistant professor of chemistry, all in the Eberly College of Science; **Sanjay Joshi**, assistant professor of industrial and management systems engineering, College of Engineering, and **Merrilee J. Mayo**, assistant professor of materials science and engineering, College of Earth and Mineral Sciences.

The awards, which fund research by faculty members near the beginning of their careers, are intended to help outstanding young Ph.D. scientists who might otherwise pursue non-teaching careers.

Each young investigator can receive up to \$100,000 per year for five years

See 'Six faculty' on Page 4.

Dr. Skomra named CEO at Shenango Campus

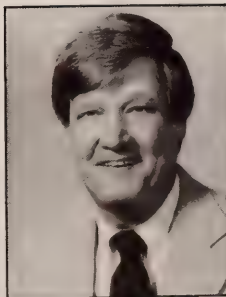
Albert N. Skomra has been named campus executive officer at the Penn State Shenango Campus in Sharon, effective Aug. 15.

Dr. Skomra, associate professor of English at the Penn State Fayette Campus who has served in a number of University administrative positions, was named to the position by President Thomas.

"Dr. Skomra has a broad understanding of the Commonwealth Educational System, and I am pleased he has accepted this leadership position," Dr. Thomas said.

Richard E. Grubb, senior vice president and dean of the Commonwealth Educational System, agreed. "Al Skomra's knowledge of the Commonwealth Educational System and his work with other Penn State campuses help make him uniquely qualified to become the new CEO of the Shenango Campus."

Dr. Skomra served as acting campus executive officer at the Fayette Campus from 1984 to 1985. He was responsible for the overall administration of the campus, including planning, developing and implementing the campus budget and strategic planning process, as well as



Albert N. Skomra

academic programs, student services and physical operations.

As associate head of the University's Department of English for the Commonwealth Educational System from 1985 to 1987, he was responsible for the teaching assignments and personnel matters for English Department faculty at all Commonwealth Campuses.

Most recently, Dr. Skomra has concentrated on teaching English, composition, humanities and poetry at Fayette and serves as chair of the Academic Affairs Committee for the Fayette Campus Senate.

Before joining the University faculty in 1966, Dr. Skomra taught high school and served as the executive administrator for the Uniontown Nursing and Convalescent Center.

Dr. Skomra, a graduate of St. Vincent College with a bachelor's degree in economics and English, received a doctorate in English, education and psychology in 1975 and a master's degree in educational administration and English, both from West Virginia University. He also has done graduate work in marketing and personnel management.

An authority on the literature and lore of coal mining in Southwest Pennsylvania, he is the co-author of *Patch'Work Voices: The Culture and Lore of a Mining People*, with University faculty members Dennis F. Brestensky and Evelyn A. Hovanec. He also has written a number of papers and articles on coal mining in the region.

Awards

Four Earth and Mineral Sciences faculty honored

Four faculty members have been honored by the College of Earth and Mineral Sciences for their distinguished contributions to EMS academic and research programs.

The 1991 Wilson Outstanding Teaching Award was presented to **Earl K. Graham**, professor of geophysics, and **Peter A. Thrower**, professor of materials science. The 1991 Wilson Research Award was awarded jointly to **Michael M. Coleman** and **Paul C. Painter**, professors of polymer science.

The faculty awards program is supported by the bequests of Matthew J. Wilson Jr., 18 mining engineering,

and his wife Anne Coghlan Wilson. The Wilson Teaching Awards have been given annually since 1969 to recognize faculty members whose teaching is considered outstanding by EMS students. Since 1989, a Wilson Award also has been given to honor significant research achievement.

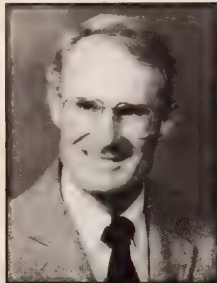
Dr. Graham was praised by students for his teaching of geophysics courses and the introductory science course "Planet Earth." A member of the college's high temperature/pressure research group since 1971, Dr. Graham carries out research in EMS and the Materials Research Laboratory.

Dr. Thrower was recognized for the outstanding design and teaching of the general course "Materials in Today's World," for which he wrote the text, and for his introductory course in materials science and engineering. Dr. Thrower has broad research interests in carbon and graphite materials and electron microscopy, and has been editor-in-chief of the international journal *Carbon* for the past eight years.

Drs. Coleman and Painter were honored for pioneering research in the thermodynamics of polymer blends that has far-reaching implications for technological application in designed

materials. Their collaborative efforts have included development of the theory of interactions in mixtures of polymers, experimental measurements of the quantity and strength of specific intermolecular interactions, and successful correlations with macroscopic phase relationships of polymer mixtures.

Their work and that of their students has been comprehensively published in some 25 papers, culminating in the recent publication of the book *Specific Interactions and the Miscibility of Polymer Blends: Practical Guides for Predicting and Designing Miscible Polymer Mixtures*.



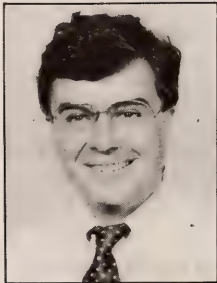
Earl K. Graham



Peter A. Thrower



Michael M. Coleman



Paul C. Painter

Penn State Continuing Education National association presents 10 awards

Penn State Continuing Education has received 10 major awards from the National University Continuing Education Association. It was the most garnered by any of the 400 colleges and universities which are members of the association.

"This brings to more than 50 the number of national and regional awards won by Penn State Continuing Education over the last few years," James H. Ryan, vice president for continuing education, said. "The awards are an affirmation of Penn State's national leadership in the field of continuing education."

Winners include:

— An award for non-traditional programming for the development of a telecommunications program in acoustics. The program is a series of credit courses leading to a master's degree in acoustics developed by the College of Engineering for the U.S. Navy. Persons involved in the program include **Alan Stuart**, senior research associate in the Applied Research Laboratory; **Joseph DiGregorio**, associate dean of the College of Engineering; **Frank Wilson** of Media and Learning Resources, and **Kathy Karchner**, conference

coordinator.

— An award for non-traditional programming for development of an economic development partnership program with Ingersoll-Rand. Persons involved included **Dr. DiGregorio**, **James Campbell**, regional director of continuing education, and **Tom Vineski**, Penn State Wilkes-Barre Campus continuing education.

— An Individual Service Award to **Donna Queoney**, director of research and external relations for continuing education, recognizing "outstanding leadership in the organization and administration of continuing professional education."

— Creative conference program awards to: **Elwood Shafer**, professor of tourism, for a workshop on Enhancing Rural Economies Through Amenity Resources, and **Charles Garoian**, assistant director of the Palmer Museum of Art, for a workshop on Contemporary Realist Watercolors.

— Two faculty service awards for work with the Keller Conference Center to: **Alan Stuart**, senior research associate in the Applied Research Laboratory,

for his years of work on the acoustics programs, and **Paul Mazza**, State College attorney, for more than 20 years of service in developing yearly tax conferences and various conferences for attorneys throughout the state.

— Two distinguished course awards to Independent Learning for development of the courses:

"Wildlife Ecology and Management" (Agriculture 5185) written by **Margaret Brittingham**, assistant professor of wildlife resources, and **Luise Davis**, research associate, assisted by **Anita Colyer**, instructional publications designer;

"African Art History" (Art History 297), authored by **Constance Kirker**, a faculty member at the Penn State Delaware County Campus.

— A marketing award to the Continuing Education Department of Public Information and Publications for a series of publications promoting Penn State's summer sport camps. Involved in the publications were **Chet Gnat**, **LaVerne Maginnis**, **Randy Baldini**, and **Andy Pelkac**, of the department, and **Gretl Collins**, designer at University Publications.

Awards

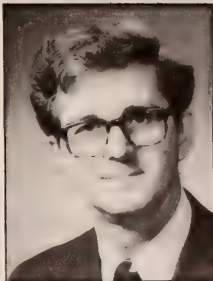
Science educator earns national award

Robert Shrigley, professor of education, has received the 1991 Award for Distinguished Contributions to Science Education from the National Association for Research in Science Teaching (NARST).

This is the highest recognition that NARST bestows, and the award is given annually to the individual who has made the most distinguished contributions to science education through research.

Dr. Shrigley came to Penn State in 1966 as an instructor and graduate assistant, earning a D.Ed. degree in elementary education in 1968. He received a B.S. in elementary education and a master's of education in school administration from Ohio University.

Previous awards include a Certificate of Meritorious Service from Ohio University for his work at Advance Teacher's College, Nigeria, 1964; and Visiting Scholar in Curriculum and Instruction, University of Texas, 1985.



Robert Shrigley

He currently serves on review boards for the National Association for Biology Teachers and the *Journal in Research in Science Teaching*.

Award honors X-ray diffraction research

Deane K. Smith, professor of mineralogy in the Department of Geosciences, has been selected as recipient of the third Charles S. Barrett Award of the Denver X-Ray Conference, the highest award given in the field of X-ray diffraction.

Dr. Smith also has received the unusual honor of having a newly discovered mineral named for him. "Deansmithite" is an exceedingly rare mercury chromate sulphide that was found in association with cinabar near the long-abandoned Clear Creek mercury mine, New Idria District, Calif.

The mineral and its name were recently approved by the Commission on New Minerals and Mineral Names, International Mineralogical Association.

Dr. Smith is founding editor of *Powder Diffraction*, an international journal of materials characterization, and served for five years as chairman of the International Centre for Diffraction



Deane K. Smith

Data. He is a Fellow of the Geological Society of America and of the Mineralogical Society of America.

Dr. Roy is honored

Rustum Roy, Evan Pugh professor of the solid state, has been honored by three scientific organizations in Japan.

Dr. Roy was elected a Foreign Associate of the Engineering Academy of Japan and was elected an honorary member of the Ceramic Society of Japan.

He also received the International Award of the Japan Fine Ceramics Association—a consortium of 100 leading companies in the field.

Dr. Roy, who has been a member of the U.S. National Academy of Engineering since 1973, is a foreign member of the Royal Swedish Academy of Engineering Sciences and the Indian National Science Academy.

New Ag research award is presented

Gary W. Petersen, professor of soil genesis and morphology and co-director of the Office for Remote Sensing of Earth Resources at the Environmental Research Institute, has won the first Alex and Jessie C. Black Award for Excellence in Research in the College of Agriculture. He received a commemorative plaque and \$1,000.

Dr. Petersen's research interests have been primarily in soil interpretations, land use, geographic information systems and remote sensing.

He is a Fellow of the American Society of Agronomy and the Soil Science Society of America.

He was the recipient of the Gamma Sigma Delta Awards for Outstanding Teacher and for Outstanding Researcher in the College of Agriculture, and the Teaching Award and Research Award of the Northeastern Branch of the American Society of Agronomy.

Dr. Black, who had a long and distinguished career in research, teaching and administration at Penn State, retired in 1969. The Blacks established an endowment with the interest income to be used for the research award.

Four receive engineering service awards

Four individuals have received the 1991 College of Engineering Service Awards from the Penn State Engineering Society (PSSES) and the College of Engineering.

Thomas E. Daubert, professor of chemical engineering, is the recipient of the Faculty Service Award. In addition to carrying out a highly successful research program, Dr. Daubert has served as chairman of the chemical engineering undergraduate curriculum committee for 20 years.

Among his service activities are membership on the University Faculty Senate since 1972, the development of a transition plan for Commonwealth Campus students coming to the University Park Campus and coordination of accreditation reviews.

Three engineering staff members, **Valerie J. Kelley**, **Gez Stonebraker** and **Brenda J. Wagner**, were awarded 1991 Support Staff Awards.

Ms. Kelley is a secretary for the Engine

Combustion Laboratory in the Department of Mechanical Engineering. In addition to working with three faculty members and approximately 40 graduate and undergraduate students, her duties include maintenance of budget information for approximately 20 grants and the supervision part-time and clerical personnel.

Ms. Stonebraker, a 25-year veteran of the college, is an administrative aide for Carl H. Woigumuth, engineering associate dean for undergraduate studies. In that position, she provides aid and advice to students and works with engineering academic departments, Commonwealth Campuses and external agencies.

Ms. Wagner is the administrative aide for the Industrial and Management Systems Engineering Department. She supervises clerical staff, coordinates budgets, represents the department on various committees and acts as liaison between faculty and clerical staff.

Hazleton Campus instructor named Teacher of the Year

Judith O'Donnell, instructor in English at the Penn State Hazleton Campus, has been named Teacher of the Year.

The annual award is presented to a campus faculty member in recognition of outstanding teaching. The faculty member is elected by the campus student body.

Mrs. O'Donnell joined the University faculty in 1980 as an English instructor. She is coordinator of the women's studies program at the campus.

She also is a member of the Academic Advising Center, chairs the Committee on Advising and Instruction, and participates in the annual Freshman Testing and Counseling program.

Mrs. O'Donnell holds a B.S. degree in secondary education and English and an M.A. in English from Bloomsburg University.

Private Giving to Penn State

National Development Council officers named

William A. Schreyer, chairman and chief executive officer of Merrill Lynch and Co., has been elected chairman of the University's National Development Council.

Mr. Schreyer had served as chairman of The Campaign for Penn State, a six-year effort that concluded last year and raised \$352 million for academic programs.

The council advises the University on major fund-raising initiatives and helps to secure gifts from alumni, friends,

corporations, foundations and other private sources.

Edward R. Hintz, president of the Wall Street investment firm of Hintz, Holman and Hecksher, was elected council vice chairman. He currently heads the University's drive to raise \$20 million in private support for a new academic/athletic convocation and events center and formerly served as vice chairman of The Campaign for Penn State.

Robert E. Eberly, chairman of the

board of Eberly and Mead of Uniontown, was elected treasurer. He formerly served as treasurer of The Campaign for Penn State.

All three officers are Penn State alumni.

Two other alumni, **H. Jesse Arnette** of San Francisco and **Floyd Fischer** of State College, were elected council members. Mr. Arnette is a partner in the law firm of Arnette and Hastie and a University trustee. Mr. Fischer is vice president emeritus of continuing education.

Two receive Sloan grants

The Alfred P. Sloan Foundation of New York has made grants to two faculty members to support research projects in math and in molecular biology.

Linda Vigilant, a postdoctoral fellow in the Department of Anthropology, has received \$80,500 to further her studies in the relatively new field of molecular anthropology.

Ranee Kathryn Brylinski, associate professor of mathematics, received \$25,000 for her work on the geometry of nilpotent orbits, a topic with applications in both math and physics.

The Alfred P. Sloan Foundation is the 22nd largest in the United States. It has assets of more than \$622 million and distributed \$17.25 million last year.

Museum of Art store receives \$100,000 pledge

The Friends of the Palmer Museum of Art have pledged \$100,000 for the construction of the new museum store that will be part of the addition to the Palmer Museum.

"The Friends wanted to make a visible contribution to this addition, and the store will be in a central location near the

entrance," Catherine Zangrilli, president of the group, said of the pledge, which is part of the \$5.4 million raised for the \$5.6 million addition.

The all-volunteer support group includes approximately 500 memberships, covering individuals, families and students predominantly

from the Central Pennsylvania area.

The group supports youth programming through the Central Intermediate Unit, provides funds for permanent collection acquisition and conducts weekend trips and foreign tours for members and friends.

Six faculty

Continued from Page 1.

through a combination of federal and matching private funds. Each award consists of an annual base NSF grant of \$25,000, plus an additional amount up to \$37,500 of matching funds from the private sector.

The six University researchers were among 220 academic scientists and engineers who received awards this year. To date, the FYI program has identified 1,476 faculty members who have demonstrated outstanding potential as science researchers and educators.

Dr. Buchman's area of research interest is in molecular genetics. He received his bachelor's degree from the Massachusetts Institute of Technology in 1977 and his doctorate in 1986 from Stanford University, where he also did a postdoctoral fellowship. He joined the University faculty in 1989 and teaches courses in general biochemistry and molecular and cell biology.

Dr. Fisher joined the faculty in 1990 as an assistant professor after serving three years at the University of California, Santa Barbara, as an assistant research biologist. He received his B.S. in biology from Michigan State University in 1976 and his M.A. and Ph.D. in biological sciences from the University of California. His main area of interest is in biological oceanography, and he has participated in 23 oceanographic cruises, four to hydrothermal vent sites.

Dr. Hall's major area of interest is in male reproductive biology and contraception. He received a B.S. in biology from Roanoke College in 1977, an M.S. in molecular biology from Old Dominion University in 1979 and a Ph.D. in chemistry/enzymology from Kent State University in 1985.

Dr. Weiss' research interests are in surface chemistry and physics, specifically low temperature scanning tunneling microscopy and novel techniques for imaging. He received his S.B. and S.M. in physical chemistry from the Massachusetts Institute of Technology in 1980 and

his Ph.D. in physical chemistry from the University of California, Berkeley, in 1986. He joined the faculty in 1989.

Dr. Joshi received his B.S. in production engineering from the University of Bombay, India, in 1981, his M.S. in industrial engineering from the State University of New York at Buffalo in 1983 and his Ph.D. in industrial engineering from Purdue University in 1987. He joined the faculty in 1987. His areas of interest include computer-aided manufacturing with an emphasis on automated process planning, artificial intelligence and industrial automation.

Dr. Mayo received her bachelor's degree from Brown University in 1982 and her M.S. and Ph.D. in materials science and engineering from Stanford University in 1984 and 1988 respectively. From 1988 to 1990, when she joined the faculty, she was a member of the technical staff at Sandia National Laboratories, Albuquerque. Her research is in superplasticity of ceramics.

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June 6, 1991

Vol. 20, No. 34



INTERCOM

June 13, 1991

Volume 20, Number 35

University ranks third in defense contract funding

The University ranks third among U.S. colleges and universities in defense contracts and universities in defense contracts, according to recently released U.S. Department of Defense figures.

In fiscal 1990, the University received \$61.6 million in defense contract funds, an increase of nearly \$8 million over the \$53.9 million received in fiscal 1989 when Penn State was ranked fourth among universities and colleges.

First place went to Massachusetts Institute of Technology, \$455.1 million, and second to Johns Hopkins University, \$373.9 million.

Penn State ranks seventh overall among universities and non-profit organizations, up from last year's eighth overall ranking.

"The University's achievement reflects the world-class quality of research conducted by its faculty, undergraduate and graduate students, and staff," Charles Hosler, acting executive vice president and provost, said.

"The research is a critical element in the

See "Defense" on Page 3.

To meet new graduation requirement Wide range of diversity courses is available

Freshman students enrolling this summer will have a choice of 88 courses plus all Education Abroad experiences to meet the University's new cultural diversity graduation requirement.

"The wide range of cultural diversity courses available to students will enable them to broaden their understanding and knowledge of other cultures, which is the intent of the policy," Jerry B. Covert, associate dean for undergraduate education, said.

"Many universities have similar policies requiring students to take cultural diversity courses, but Penn State is the only university offering a flexible approach for both students and faculty members," he added.

The University's policy, approved by the University Faculty Senate in March 1990, requires that all baccalaureate degree students take either three credits of cultural diversity focused courses or 12 credits of cultural diversity enhanced courses. The legislation takes effect this summer.

The requirement for associate degree students, which becomes effective in 1992,

is either three credits of cultural diversity focused courses or six credits of cultural diversity enhanced courses.

Diversity focused courses must focus on race, ethnicity, religion, gender, sexual orientation and/or global perspectives, while diversity enhanced courses must devote at least 25 percent of their content to these issues, Dr. Covert explained.

"It is encouraging to me that the implementation of the cultural diversity graduation requirement has gone so smoothly," he said.

The courses - 50 diversity focused and 32 diversity enhanced - were approved by the Senate Committee on Curricular Affairs. In addition to the courses, all Education Abroad Programs can be used to satisfy the requirement, Dr. Covert said.

"The course approval process is an ongoing one, and we expect that more courses will be approved for Spring Semester 1992," he added.

The Office of Undergraduate Education is providing funding to the colleges for course development and faculty development to enable the colleges to

For a list of the diversity-related courses available this summer, see Page 2.

develop new courses and adjust to any shifts in enrollment due to the requirement.

The University's Instructional Development Program has held workshops and conferences for faculty members to assist them in developing new courses and with integrating cultural diversity into existing courses. More workshops are planned.

To help students select cultural diversity focused and enhanced courses, the Office of Undergraduate Education is preparing a publication listing a 200+ word description of each course. It will be available in July, Dr. Covert said.

Hershey Medical Center's South Addition dedicated

The Hershey Medical Center has reached a milestone in its \$214 million building and expansion program, one of the largest health science-related construction projects undertaken in Pennsylvania.

On June 4, the South Addition was dedicated, and on June 8, the first patients occupied rooms in the new addition.

On June 29, patients now located at University Hospital Rehabilitation Center for Children and Adults will have their breakfast at the Elizabethtown facility and lunch at the Medical Center.

Participants in the June 4 dedication ceremonies included Gov. Robert P. Casey, President Thomas, Marian U. Coppersmith, president of the Board of Trustees; C. McColister Everts, vice president for health affairs and dean of the College of Medicine; and Allan C. Anderson, vice president and chief operating officer of the Medical Center and director of University Hospital.

The activation of the South Addition expands the hospital's bed capacity from 344 to 453 and is another step toward the eventual expansion of licensed inpatient capacity at the Medical Center to 500 beds.



Artist's rendering of the South Addition

The \$41.5 million South Addition project was funded primarily by a \$35.6 million appropriation from the Commonwealth of

Pennsylvania. Other funding came from the University.

The South Addition provides for the relocation of the 60-year-old rehabilitation

facility, formerly known as Elizabethtown Hospital, which Penn State has managed under an agreement with the Commonwealth since 1982.

In addition to the relocation of rehabilitation services, the South Addition provides for expanded child and geriatric psychiatric programs, as well as enlarged medical, surgical and pediatric services.

Specific components of the addition are:

- 36-bed rehabilitation units (18-bed pediatric, 18-bed adult)

- Outpatient rehabilitation
- Expanded physical therapy services
- Expanded 16-bed child psychiatry unit
- New 14-bed inpatient geriatric psychiatry unit

- 16-bed adult medical intensive care unit

- Centralized 20-bed medical intermediate care unit

- Outpatient surgical center with four operating rooms

- Enlarged 30-bed neonatal intensive care unit (NICU)

- 12-bed pediatric intensive care unit
- Expanded pediatric intermediate care units.

Focus on Diversity

Diversity focused courses available for Summer Session

Following is a list of three-credit diversity focused courses available for Summer Session 1991. Any one of these courses could be used to fulfill the cultural diversity graduation requirement for baccalaureate degree students.

Rape and Sexual Violence. Women and the Criminal Justice System: Arts of Africa, Oceania and Indian America; Evolving Status of Blacks in the Twentieth Century; Interdisciplinary Perspectives: The African American Woman; Afro-American Religion; The Life and Thought of Martin Luther King Jr.; Contemporary Black Rhetoric; Masterpieces of Literature from Africa; Masterpieces of Literature from Asia;

Literatures of the New World; The Forms of World Literature: A Global Perspective; The Theme of Identity in World Literature: Race, Gender and Other Issues of Diversity; Myths and Mythologies; Jewish Literature: An International Perspective; Classical Mythology; Black American Literature; Women Writers: Black American

Writers; Women Writers and Their Worlds;

France and the French-Speaking World; Gender and Geography; Sexual Identity Over the Lifespan; Family Development; Jewish Civilization; Italian Culture and Civilization; Women, Minorities and Employment;

Introduction to Non-Western Music; Cultural Aspects of Food; Global Food Strategies: Problems and Prospects for Reducing World Hunger; Oriental Philosophy; Psychology of Women; Introduction to World Religions; Introduction to the Religions of the Jewish and Christian Foundations; Comparative Religion;

Introduction to Hinduism; Introduction to Buddhism; Early Judaism; Studies in Comparative Religion; Hindu Studies; Buddhist Studies; Jewish Studies; Russian Culture and Civilization; Women in Russian Literature; Introduction to Women in Science, Technology and Engineering; Iberian Civilization; Ibero-American

Civilization; Gender Roles in Communication;

Cross-Cultural Communication; Women and Theatre; Ukrainian Culture and Civilization; Introduction to Women's Studies; Introduction to Women, the Humanities and the Arts; Feminist Theory.

Following is a list of three-credit diversity enhanced courses available for Summer Session 1991.

Baccalaureate degree students may opt to take 12 credits, or four courses, from this list to fulfill the cultural diversity graduation requirement.

Archaeoastronomy; Tropical Field Ecology; Masterpieces of Western Literature Through the Renaissance; Masterpieces of Western Literature Since the Renaissance; Greek Civilization; Classical Archaeology - Ancient Greece; Classical Archaeology - Ancient Rome; Understanding Literature: The Great Traditions in American Literature; Cultural Tradition in French Culture; Urban Social Issues: Structures, Problems and Policies;

Introduction to Human Development and Family Studies; International Business Operations; Introduction to Applied Linguistics; Advanced Human Resource Management; Principles of Marketing; Evolution of Jazz; Philosophy of Science; Social and Political Philosophy; The Foundations of Soviet Political Life; Introduction to Developmental Psychology;

Social Psychology; Industrial Psychology; Personnel Testing and Interviewing; New Testament; Critical Issues in Science, Technology and Society; The Art of the Theatre; Theatre History II: From 1700 to Present; Theatre History; American Theatre.

In addition, three three-credit courses can be offered as either diversity focused or diversity enhanced courses, depending on the preferences of a particular campus and its faculty members.

The courses are: American Literature to 1865; American Literature from 1865; The American Novel: 1900-1945.

Advanced degree fellowships being offered

The College of Education is offering advanced degree fellowships for Native American Indian students participating in the American Indian Leadership Program.

Graduate degrees are in educational administration, educational theory and policy, curriculum and instruction, adult education, school psychology, special education, counselor education, counseling psychology, educational psychology, secondary education, elementary education, mathematics education and higher education. Preference will go to those who apply for doctoral degrees.

The American Indian Leadership

Program, which is celebrating 20 years of operation, has a distinguished record of service to Native American Indians nationwide. As of summer 1990, 32 participants have earned master's degrees. It has been successful in placing both men and women in important leadership positions.

Ninety-five percent of the program's graduates have returned to contribute to Native American Indian education as college presidents, professors, administrators and teachers. The American Indian Leadership Program has a graduate rate of 84 percent, compared to the national

average of a 50 percent completion rate for Indian students in graduate school.

Awards provide a monthly stipend of between \$800 to \$1,000, plus a grant-in-aid for tuition remission. Specific requirements and amounts of awards vary by department and by sponsor.

The deadline for submitting applications for spring semester 1992, which begins Jan. 10, 1992, is Nov. 2. For more information, write to L.A. Napier, American Indian Leadership Program, Penn State, 320 Rackley Building, University Park, PA 16802, or call the program office at (814) 865-1489.

Program focuses on Shaw neighborhood

Twelve blocks from downtown Washington, D.C., a 120-block inner-city neighborhood named Shaw is only a short walk from some of the most fashionable addresses in the nation's capital.

Infant mortality there is three times higher than anywhere else in the industrialized world. It is a neighborhood inhabited by large numbers of single-parent families, high school dropouts, unemployed Black males, and crack dealers.

It was not always so. Shaw was once a vibrant center of African-American culture. "Throwaway People," airing at 10 p.m. Tuesday, June 25, on *Frontline* on WPSX-TV, examines what has happened to Shaw and why this once proud and successful Black community is now home to what sociologists call the black underclass.

"Jon Hendricks: The Freddie Sessions," airing at 10:30 p.m. Friday, June 21, is a tribute to "vocalase," a vocal style that sets lyrics to instrumental solos. Jon Hendricks, a master of the form, is joined by Bobby McFerrin, Al Jarreau, and George Benson to record Hendricks's version of Miles Davis's 1959 composition "Freddie Freeloader." Throughout the recording sessions, Hendricks talks about his career, the history of jazz, the beginnings of vocalase, his efforts to help the careers of other jazz singers, and the state of jazz today.

Diversity Opportunities Calendar

Friday, June 14

Commission for Women, meeting, 10 a.m. to noon, 256 Hammond. For information, contact Lynn Ryan at 865-1683.

Wednesday, June 19

Office of Summer Sessions, 3 to 5 p.m., Paul Robeson Cultural Center; Presentation by Summer Scholars in Residence: Hollie Walker Jr. and Arthur Martinez.

Tuesday, June 25

Professional Women at Penn State, 11:45 a.m. to 1 p.m., Eisenhower Chapel's Frizzell Room. Panel discussion titled "Balances in Life." For more information, contact Cheryl Stroud at 863-3198.

Wednesday, June 26

Office of Summer Sessions, 3 to 5 p.m., Robeson Center; Presentation by Summer Scholars in Residence: Alexander Gonzalez.

New videotape

Audio-Visual Services recently acquired a new videotape titled *The Road to Brown* (51207-VH).

The program profiles black attorney Charles Hamilton Houston, who led the fight against segregation/Jim Crow in the years prior to the Brown v. Board of Education decision. It provides insights into the origins of the civil rights movement and traces the history of the legal battle to overturn the "separate but equal" concept in America.

The video is available at no charge to University faculty and staff for classroom use. At University Park, call 865-0913 to make arrangements for a preview showing. At a Commonwealth Campus, contact the campus instructional services specialists for more information.

Obituaries

Maria G. Carden, clerk records A, Penn State Ogonitz Campus, since March 1, 1987, died May 17 at the age of 56.

Mildred L. Treworgy, associate librarian, University Libraries, from July 1, 1962, until her retirement Jan. 5, 1973, died May 17 at the age of 80.

New academic building is dedicated at York

Dedication ceremonies were held Thursday, June 6, for a new academic building at the Penn State York Campus. The dedication culminated a successful campaign that raised more than \$2.1 million in the community.

"The dedication of our new building this week is evidence of the continuing partnership between the York Campus and the York community," John J. Romano, campus executive officer, said. "Dedication marks the completion of the structure, but just the beginning of the future educational opportunities available for the York community and region."

The new building will include two mainframe laboratories connected with the University's mainframe computers, one

personal computing classroom, a consultant's office and appropriate support facilities. In addition to the new computer facilities, the first floor of the building includes two critically needed lecture/classrooms, both able to accommodate 35 students, along with a student study and vending machine area.

The second floor includes 25 single, two double and four triple faculty offices which eliminate a long-standing need to improve the working environment for full-time faculty. There also will be a faculty lounge and a student/waiting area. A basement includes areas for mechanical and electrical equipment, with several areas left unfurnished for future development.

A new campus bookstore is attached to

the building and shares the entrance and vestibule areas. The new store covers 3,500 square feet, in comparison to the former facility included in the Main Classroom Building. The bookstore portion of the new structure was funded by the University's bookstores and was not financed by funds raised in the community.

This is the third successful fund-raising effort the Penn State York Campus has conducted in the community in the past 25 years. The last project, a \$750,000 campaign for the construction of a Student Center, was from 1974-76, with dedication of the center in 1977.

University officials attending the dedication ceremonies included Marian U. Coppensmith Fredman, president of the

Board of Trustees; Richard E. Grubb, senior vice president and dean, Commonwealth Educational System, and G. David Gearhart, senior vice president for development and university relations.

Local dignitaries included state Sen. Michael Bortner; state Reps. Steven R. Nickol, Gregory M. Snyder and Stephen H. Stetler; York County Commissioners Lorraine B. Hovis (president) and George M. Trout; York City Council Members Donald T. Murphy and William Lee Smallwood; Dick B. Carver, president of the York County Industrial Development Corp. and William J. Conn, Spring Garden Township manager.

Defense

Continued from Page 1

education of our undergraduate and graduate students, and simultaneously provides future benefits to the general public through the creation of new products and processes," he added.

The top rankings are in the following order: Massachusetts Institute of Technology, \$455.1 million; Aerospace Corp., \$416.2 million; Mitre Corp., \$407.2 million; Johns Hopkins University, \$373.9 million; Rand Corp., \$79.3 million; IIT Research Institute, \$63.4 million; Penn State, \$61.6 million; and Institute for Defense Analyses, \$60 million.

Other Pennsylvania universities receiving more than \$5 million in contracts are Carnegie Mellon University, \$57.2 million;

University of Pittsburgh, \$9.6 million; and University of Pennsylvania, \$7.4 million.

Appointment

Allison E. Jones has joined the Continuing Education office at Penn State Great Valley as an area representative.

Prior to her appointment, she was director of continuing education at Harcum Junior College in Bryn Mawr and a writing center specialist and assistant project director of self-help skills of Cheyney University.

Ms. Jones holds a B.A. in English and an M.S. in adult and continuing education from Cheyney

Five projects funded by endowment

Five faculty members have received funding for projects through the United Federal Bank Endowment for the Enhancement of Undergraduate Instruction. Jerry B. Covert, associate dean for undergraduate education, said the purpose of the endowment is to enrich undergraduate instruction and to encourage the development of a diversity of academic interests among undergraduate students.

"This year, special priority was given to projects related to the integration of cultural diversity into the undergraduate curriculum," Dr. Covert said.

Faculty members submitting successful proposals were:

Glenda Laws, assistant professor of geography, "Illustrating Diversity in the Undergraduate Curriculum."

Francis R. McKenna, associate professor of education administration, policy, foundations and comparative international education, "Educational Theory and Policy 115."

Emma S. Rocco, associate professor of music, "Black Voices in the Arts: Music, Drama, Dance and Literature."

Londa Schiebinger, assistant professor of history and women's studies, to develop three new courses in women's science: The History of Women in Science, The History of Women in Europe, and The History of Feminist Thought."

Phillip E. Stebbins, associate professor of history, "Diversity Integration in History 3."

News in Brief

University cited

The University has been cited as a national leader in the application of media in distance education in the book *The Learning Industry: Education for Adult Workers*, published by The Carnegie Foundation for the Advancement of Teaching.

The author, Nell P. Eurich, cited examples of technological accomplishments, including PENpages, an information network between the College of Agriculture and all the Cooperative Extension offices throughout the state, and PENN*LINK, which reaches 750 educational organizations through the Pennsylvania Department of Education with various services and databases.

Also cited were an award-winning telecommunications program in acoustics, which offers a series of credit courses leading to a master's degree developed by the College of Engineering for the U.S. Navy, and a two-way video connection between the University Park Campus and the

Hershey Medical Center, which enables faculty to jointly teach advanced courses in bioengineering and food sciences.

Professional women

"Balances in Life" will be the topic of a panel discussion at the next meeting of Professional Women at Penn State at 11:45 a.m. Tuesday, June 25, 1991, in the Frizzell Room of Eisenhower Chapel, with an opportunity for informal networking.

The panel, consisting of Ann Ard, Karen Horne, Grace Hampton, Linda Maxson, and Theresa Peters, will interact with meeting participants in defining and prioritizing individual challenges toward balancing all facets of life.

Professional Women at Penn State is a grass-roots group coordinated by University women in which participants can develop and maintain a communications network and serve as a resource for other Penn State women. Attendance by all University classifications, male and female, is welcome.

Law enforcement courses

Law enforcement personnel across the country will be able to earn college-level credits next fall thanks to a new linkage between Penn State Continuing Education and the Law Enforcement Television Network (LETN).

Courses from the nationally accredited Administration of Justice program will be carried over LETN, which began broadcasting in 1989. The network is a private satellite television company providing news, training, and information to an audience of 2,250 law enforcement agencies in the United States.

Penn State will be the first academic institution to offer courses for credit over LETN, according to Edwin J. Donovan, assistant professor of administration of justice. Four courses will be offered for academic credit over a three-year period, beginning in Fall 1991. Topics already selected include supervision of police personnel, violent crime, and an introduction to computer usage in the criminal justice system.

Founders Room

The Founders Room at University Park will reopen on Wednesday, June 12th, for the Summer Session. Operating hours are French Breakfast 7:30 a.m. - 10 a.m. and lunch 11:30 a.m. - 2 p.m. Reservations will be accepted for breakfast meetings for any size group. Reservations can be made by calling 863-7623 x.m. - 5 p.m. Call at least two days in advance.

Mediation training

The Center for Conflict Management is offering basic mediation training on June 21 and 22 at University Park Campus to staff, faculty and students. The intensive two-day program will include training in mediating intercultural disputes.

Participants must attend the full program and will receive a mediator's manual and a certificate for completing the training. Registration is limited to 25 applicants.

For more information, contact the Center for Conflict Management, 101 Bouckee Building, at 863-2918.

Search committee for Engineering dean named

A search committee has been appointed to identify candidates for the position of dean of the College of Engineering. **George J. McMurtry**, associate dean for administration and planning and professor of electrical engineering, will chair the committee.

Other committee members are **Craig A. Bernecker**, assistant professor of architectural engineering; **John D. Burke**, associate provost, Penn State Erie, The Behrend College; **Nancy M. Cline**, dean of the University Libraries; **Daniel C. Davis**, associate professor of engineering, science

and mechanics. **Ronald W. Ewing**, Penn State Engineering Society; **Frederick H. Gaige**, campus executive officer, Penn State Berks Campus; **Grace Hampton**, vice provost; **L. Raymond Hetche**, director of the Applied Research Lab and professor of engineering research;

Mary Jane Irwin, professor of computer science; **Iam-Choon Khoo**, professor of civil engineering; **Walter P. Kilarski**, associate professor of civil engineering; **Edward H. Klevans**, professor and head of nuclear engineering; **Anil K. Kulkarni**, associate professor of mechanical

engineering; **Harvey B. Manbeck**, professor of agricultural engineering; **Daniel K. McLaughlin**, professor and head of aerospace engineering; **Deborah J. Medeiros**, associate professor of industrial engineering;

Allan D. Pierce, professor of acoustics and mechanical engineering; **Richard A. Queequey**, professor of engineering mechanics; **Sandra Scrivener**, graduate student; **Jerry F. Shoup**, associate professor of engineering; **JoAnn Stephens**, director of the Engineering Advising Center; **John M. Tarbell**, professor of chemical

engineering; **Patricia Waniewski**, undergraduate student and **Mervin L. Weed**, professor of general engineering.

The search committee will begin to review applications in mid-July and continue to receive them until a candidate is selected. Nominations and applications accompanied by a resume and the names of four references should be submitted to George J. McMurtry, chair, College of Engineering Dean Search Committee, Room 201 Old Main, University Park.

CES dean applications, nominations sought

The University invites applications and nominations for the position of senior vice president and dean for the Commonwealth Educational System (CES).

As the University officer with administrative responsibility for CES, the senior vice president and dean reports to the Office of the President through the executive vice president and provost and works closely with both the president and the executive vice president and provost of the University.

Candidates should have a strong administrative background and academic credentials appropriate for appointment at a senior professorial level; a broad understanding of complex academic institutions; executive experience and proven leadership capacity; understanding and support for the University's multiple missions and its commitment to cultural diversity, and evidence of experience in fiscal management.

The Search Committee will review

applications and nominations beginning July 15 and will continue to receive them until a candidate is selected. Nominations and applications, accompanied by a resume or equivalent information, and the names, addresses and phone numbers of four references, should be mailed to: Anne C. Petersen, chair, Search Committee, Senior Vice President and Dean, CES, 201-1 Old Main, University Park, PA 16802.

Animal care rules

Regulations governing the care and use of vertebrate animals are steadily increasing and it is crucial that all University personnel be aware of the need for approval by the Institutional Animal Care and Use Committee or "IACUC" for the use of any vertebrate animal in a University funded activity.

The regulations involving the use of vertebrate animals are not restricted to the use of animals in research, but include the use of vertebrates in teaching, training, and promotional activities. Often overlooked is the fact that included in the definition of "vertebrate animals" are fish, poultry, and reptiles.

Individuals planning the use of a vertebrate animal in a University project must keep in mind that federal regulations governing the IACUC forbid the committee to approve any project without allowing a full week for consideration of the project by all committee members. Thus, any project involving animals should be a well planned event with ample forethought given to the care and use of the animals.

The Office for Regulatory Compliance, formerly the Office for the Protection of Human Subjects in 115 Kern, now coordinates IACUC reviews by providing forms and information. Submissions, formerly received by the Central Biological Lab, should now be submitted to ORC

Faculty/Staff Alerts

Telephone directories

It's time again for the update of the Penn State *Directory*. Information for the 1991-92 edition has been circulated. If you received incomplete information for your area, please photocopy additional pertinent pages and include them with the material you return to the Department of Publications by June 17.

The information on pages 81 through 169 in the 1990-91 *Faculty/Staff Directory* (individual listings) is generated by payroll records. Changes to that information should be handled through your human resources

representative or the Payroll Office. The Department of Publications cannot make changes to that material.

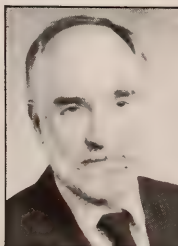
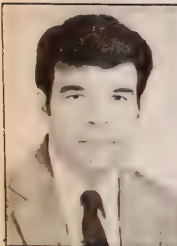
Adjunct Listing Forms are used to list individuals who do not appear on the University payroll records. This includes: adjunct professors, research associates, postdoctoral researchers; part-time or wage payroll employees; USDA, U.S. Pasture Lab, U.S. Forest Service, and other federal or state employees; military and associated civilian personnel; and religious leaders at Eisenhower Chapel.

Blank forms are available, upon request,

from your human resources representative or the Office of Systems and Procedures, 202 William Street Building. Completed Adjunct Listing forms should be sent to the Department of Publications, Suite A, Barbara Building, no later than June 28. If you already have submitted an adjunct form to Publications, the department has it on file.

All departmental revisions are due to Publications by June 17, as are quantity orders. That information has been circulated to each area's *Directories* contact person.

25 year award recipients



Observing 25 years of service in the College of Agriculture are, from left, Ronald L. Hostetter, extension agent, Cambria County; Roslyn G. Levine, research assistant in the Department of Plant Pathology; Felix L. Lukeziec, professor of plant pathology; Paul E.

Nelson, professor of plant pathology; Gary W. Petersen, professor of soil genesis and morphology.

Awards

Teaching, research and advising honored

Fifteen College of Engineering faculty members have received awards for outstanding teaching, research and advising from the Penn State Engineering Society (PSES).

Outstanding Research Awards for notable contributions in research, were presented to **Nirmal K. Bose**, professor of electrical engineering; **John A. Frangos**, du Pont assistant professor of chemical engineering; **H. Thomas Hahn**, professor of engineering science and mechanics; **Gary H. Koopmann**, professor of mechanical engineering, and **Harvey B. Manbeck**, professor of agricultural engineering. Outstanding Teaching Award recipients are **Thomas B. Brown**, assistant professor of architectural engineering; **Lee D. Coraor**, assistant professor of electrical engineering; **Wieslaw Grebski**, assistant professor of engineering, Penn

State Hazleton Campus; **H. Joseph Sommer III**, associate professor of mechanical engineering; and **Samuel Zabc**, instructor in engineering, Penn State McKeesport Campus.

Recipients of Outstanding Advising Awards, for faculty who have shown outstanding dedication to advising students or student groups, are **E. Emory Ensore Jr.**, professor of industrial engineering; **Louis F. Geschwindner**, associate professor of architectural engineering; **Franklin P. Platts Jr.**, assistant professor of engineering, Penn State Schuylkill Campus; **Domenic A. Santavica**, professor of mechanical engineering, and **Merwin L. Weed**, professor of engineering, Penn State McKeesport Campus.

Schuylkill Campus presents four awards

Four Penn State Schuylkill Campus faculty members have been honored for teaching, advising, service and research during the 1990-91 academic year.

Paul W. Miller, instructor in music, received the Schuylkill Campus Faculty Advisor Award. The recipient of this award is selected annually by students. It is presented to a faculty member whose work with the students is beyond the ordinary.

Thomas H. Eberlein, assistant professor of chemistry, was selected by students to receive the 1990-91 Schuylkill Teaching Award.

The 1990-91 Faculty Research Award was presented to **Charles Cantalupo**, associate professor of English. The recipient is chosen by the Schuylkill Campus Research Committee.

Franklin Platts, associate professor of engineering, received the 1991 Outstanding Advising Award in the College of Engineering.

DuBois foundation names 'Educator of the Year'

David R. Schlow, assistant professor of economics at the Penn State DuBois Campus, has received the "Educator of the Year Award" from the DuBois Educational Foundation (DEF), the campus advisory board. The award is accompanied by a \$500 check.

Dr. Schlow earned his undergraduate degree in mathematics at Penn State, his master's degree in economics at University of Oregon and a Ph.D. in economics at Penn State. He has a wide variety of interests in the field of economics, including labor and industrial relations. He has taught in California, Iowa, at the Shenango and University Park campuses, and for the last four years at DuBois.

One of the most noted aspects of Dr. Schlow's contributions to the campus and University is the fact that he offers such a wide variety of courses, including introductory macro- and micro-economics, quantitative business analysis, statistics, labor and industrial relations, an elective in the social sciences, and senior seminars on defense spending.

Shenango math instructor gets teaching award

James Brenneis, instructor in mathematics, has received the 1990-91 Shenango Campus Teaching Award.

Mr. Brenneis, a student at Penn State Shenango Campus for two years, received his B.S. and M.S. in mathematics at Youngstown State University.

A full-time instructor at Penn State Shenango since 1988, Mr. Brenneis has taught part-time since 1981. He was a math tutor in the campus' learning center from 1981 to 1988.

Mr. Brenneis is a member of the Mathematical Association of America and the American Mathematical Society.

The teaching award, first given in 1984 by the campus advisory board, carries a cash award of \$300 and a commemorative plaque.

Distinguished Service awards

Frank Gabron, chairman of Helix Technology Corp. of Hollis, N.H., and **Roland Gehman**, president of MGS Inc., of Stevens, Pa., have received the College of Engineering's 1991 Distinguished Service Award.

Mr. Gabron, who holds a master's degree in mechanical engineering from Penn State, has served the college and the Department of Mechanical Engineering as a member and later as chair of the mechanical engineering division of the College of Engineering Industrial and Professional Advisory Committee (IPAC).

Currently the Keen professor for entrepreneurship in engineering, he has endowed undergraduate scholarships in electrical and mechanical engineering and has arranged a major equipment grant. He was named an Engineering Outstanding Alumnus in 1987 and a Penn State Alumni Fellow in 1989.

Mr. Gehman, a 1959 agricultural engineering graduate, has been a supporter and promoter of the Agricultural Engineering Department since he was an undergraduate student. He has fabricated special equipment for mushroom development for engineering research programs and has made manufacturing facilities and funding available for an energy conservation study.

Ogontz secretary is honored

The Outstanding Office Personnel Award winner recipient for 1991-92 is **Lillian Ross**, secretary to the director of continuing education at the Penn State Ogontz Campus.

Finalists were **Wanda J. Nyman**, administrative aide, Agricultural Engineering Department, and **Brenda J. Wagner**, administrative aide, Department of Industrial and Management Systems Engineering.

The award is sponsored by the Penn State Chapter of Educational Office Personnel, a professional organization whose membership consists of faculty, staff, staff non-exempt, clerical and technical services. The Penn State Chapter is affiliated with the Pennsylvania Association of Educational Secretaries and the National Association of Educational Office Personnel.



Lillian Ross

Berks Campus faculty and staff receive awards

Three faculty and staff members at the Penn State Berks Campus have been honored with awards.

Daniel B. Litvin, professor of physics, has received the Outstanding Teaching Award, which recognizes excellence in teaching among campus faculty members.

Anna M. Donahue, instructor in French, has received the Outstanding Part-Time Teaching Award.

Sharon Davis, counselor, has received the Outstanding Service Award, which recognizes faculty and staff members' contributions made beyond the scope of the individual's normal affiliation with the campus.

Focus on the arts

The arts on Channel 3

One of the greatest "whodunits" in Renaissance art history is unraveled in *The Feast of the Gods*, a 30-minute program that uses shrewd detective work, brilliant deductions and, of course, the use of a magnifying glass to bring to life the mystery of a 16th-century masterpiece. The program, produced by the National Gallery of Art, Washington, D.C., airs at 2:30 p.m. Sunday, June 16, on WFSX-TV.

David Hockney's colorful vision of Mozart's "The Magic Flute" ("Die Zauberflöte") will be telecast at 8 p.m. Wednesday, June 19, as part of *The Metropolitan Opera Presents series*. The opera will be sung in German with English subtitles.

The latest edition of *Artworks*, "The Sava River: A New History," featuring the work of Helen Mayer Harrison and Newton Harrison, airs at 10:30 p.m.

Munday, June 24. The program reveals how canals, railroads, factories, and a nuclear plant have taken their toll on the Sava River floodplain, the second largest alluvial wetland remaining in Europe.

Film festival

A five-day Middle East film festival, titled "The Other Side of the Coin — Films from the Middle East," will be held at University Park beginning Monday, June 17. The School of Communications and Office of Summer Sessions are sponsoring the event, which includes discussions led by two guest speakers.

The five films will be shown beginning at 8 p.m. in Eisenhower Auditorium. Scheduled films are: "The Puppeteer," from Egypt on June 17; "A Door to the Sky," from Morocco on June 18; "Omar Gattalo," from Algeria on June 19; "Summer of Aviya," from Israel on June 20, and "Night of the Jackal," from Syria on June 21.

Alia Arasoughly, a film lecturer at Northwestern University and a documentary filmmaker, will attend the films on June 17 and 18. She is an expert on the Algerian cinema and will curate the Arab part of the program.

John Katz, professor of film at York University, will attend the films on June 19 and 20, will curate the Israeli film. He is a noted expert on documentary film, image ethics and representation of Jews in films.

"These films were specially chosen exactly because they are not about the current political situation in the Middle East," Brian Winston, dean of the School of Communications, said. "The Middle East contains people who have joys and sorrows as any other humans. These films show that they will help us understand that the Middle East is not just a crisis spot, but is a place where people live, love, laugh and cry."

Odyssey on WPSU

"A book that delights children and frightens adults" — Jonathan Swift's



Poet Eve Merriam

Gulliver's Travels — is the topic of the next Odyssey Through Literature program.

English guest Heinz Kosok, professor of English Literature at the University of Wuppertal in Germany, "Part of the greatness of *Gulliver's Travels* is that it is left to the reader. You're not finished when you have read the book. You have to go on making your own decisions."

On the June 26 episode, Michael Nayan, associate professor of Slavic, says Russian poet Marina Tsvetaya writes suicide poetry that also is love poetry.

"Essentially, it's love poetry," he explains, contrasting Tsvetaya's poems with those of Sylvia Plath.

If so, retorts host Leonard Rubinstein, the poet was "truly depressed."

"To seek suffering for the sake of art seems to me horrible," he says. "I appreciate art as a transformation of inescapable suffering."

"Odyssey Through Literature" is produced by the Department of Comparative Literature in the audio-production studios of WFSX-TV. It airs Wednesdays at 12:30 p.m. on WFSU, 91.1 FM.

Poetry program

Eve Merriam, award winning writer of poetry for children, will appear at Scholw Public Library in State College at 7 p.m. June 19. She will present a program open to the public for children and adults, followed by an autograph session.

Ms. Merriam is the author of more than 50 books, including *Blackberry Ink*, *Chortles*, *You Be Good and I'll Be Night*, *Mommies at Work*, and *A Poem for a Pickle*. She is the winner of the Yale Younger Poets Prize and the National Council of Teachers of English Award for excellence in children's poetry.

Ms. Merriam's appearance is funded through a grant from the Office of Summer Sessions, and is co-sponsored by the College of Education.

Music recital

Evelynn Ellis, clarinet, and Jill Olson, piano, will present a recital of music for clarinet and piano at 3 p.m. Sunday, June 23, in the Music Building Recital Hall at University Park.

Ms. Ellis, a University graduate with a master's degree in clarinet, is an academic adviser in the College of Health and Human Development. Ms. Olson is a graduate of the University of Wisconsin and currently teaches piano in the State College area.

The duo will perform a delightful mix of works from Great Britain and France. The recital is the beginning of a study of British clarinet pieces which will continue over the next five years.

The program will open with a playful piece by Darius Milhaud, the Duo Concertant. It will be followed by the Sonata for Clarinet and Piano by Charles Stanford, one of Britain's leading composers. The second part of the program opens with Gerald Finzi's Five Bagatelles. The program will conclude with a French masterpiece, the Sonata for Clarinet and Piano by Carl Saint-Saens. The recital is free to the public.

Criticism seminar

A five-day seminar on feminist literary criticism, sponsored by the Department of English and the Office of Summer Sessions, will be held June 24 to 28 at University Park.

Faculty members and graduate students from more than 30 colleges and universities will attend the seminar, which will be led by nationally known feminist critics Elizabeth Abel of the Department of English at the University of California, Berkeley, and Madelon Sprengnether of the Department of English at the University of Minnesota. Both will give public lectures.

Ms. Sprengnether, author of *The Spectral Mother: Freud, Feminism, and Psychoanalysis* and co-editor of *The Mother Tongue: Essays in Feminist Psychoanalytic Interpretation*, will discuss "Undoing Oedipus: Revisionary Biography and Psychoanalytic Theory" at 8 p.m. Monday, June 24, in Room 101 Kern Building.

Ms. Abel will speak on "Reading White, Reading Black: Race and the Politics of Feminist Criticism" at 8 p.m. Wednesday, June 26, in 101 Kern. She is the author of *Virginia Woolf and the Fictions of Psychoanalysis*, editor of *Writing and Sexual Difference* and co-editor of *The Signs Reader*.

This summer's seminar is the first of a planned series of seminars in literary criticism and theory. For more information, contact Wendell Harris at 863-2342.

Music at Penn's Woods

Music at Penn's Woods opens its sixth season with a concert at 7:30 p.m.

Saturday, June 29, in Schwab Auditorium at University Park.

Douglas E. Meyer will conduct the 55-piece orchestra performing Dvorak's Serenade for Strings, Mozart's Violin Concerto No. 4 and Stravinsky's Firebird Suite 1919.

Dr. Meyer, associate professor of music, is entering his third year as director of Music at Penn's Woods.

"There will be a wide variety of music literature, ranging from classical to modern," he said. "We're also celebrating the 150th anniversary of Dvorak's birth, as well as doing the most spectacular piece we've performed to date — Stravinsky's Firebird Suite."

Guest violinist Rafael Durian, who will be the featured soloist in Mozart's Violin Concerto No. 4, has been concertmaster of the Cleveland Orchestra and the New York Philharmonic.

The final piece, Stravinsky's Firebird Suite, often is considered the earliest of the composer's great works. The orchestra will include members of the Escher Quartet of Kansas City, Mo. This season marks the quartet's third year to perform with Music at Penn's Woods. The quartet members also are members of the Kansas City Symphony Orchestra.

Music at Penn's Woods also offers a chamber music series. The first week's recitals are at 3 p.m. Sunday, June 30, and at 7:30 p.m. Thursday, July 4, in the Music Building Recital Hall. Admission is free.

A program of the School of Music in the College of Arts and Architecture and co-sponsored in part by the Office of Summer Sessions, Music at Penn's Woods unites gifted musicians from colleges and universities across the country for a month-long residency at Penn State.

Tickets to Saturday's concert are \$6 for adults and \$4 for students and senior citizens, and they are available at the Eisenhower Auditorium Ticket Center. To charge tickets, call (814) 863-0255 Monday through Saturday, 8:30 a.m. to 4:30 p.m.

'Nunsense'

"Nunsense," a non-stop hit in New York and Boston for more than five years and winner of Best Off-Broadway Musical, is the second show of the 1991 Pennsylvania Centre Stage season.

The show opens Wednesday, July 3, and runs through Saturday, July 20, at the Playhouse at University Park.

Served a batch of bad vichyssoise, 52 Little Sisters of Hoboken drop dead. The five remaining nuns stage a variety show to raise funds to bury their sisters. Light-hearted skits and songs about religious life create a show that keeps audiences in stitches.

"Nunsense" plays at 8 p.m. July 5, 6, 10-13 and 17-20. Preview performances are July 3 and 4. Tickets are available at Eisenhower Auditorium Ticket Center.

University Park Calendar

June 13 –
June 30

Special Events

Friday, June 14
Commission for Women meeting, 10 a.m. – noon, 256 Hammond.

Saturday, June 15
Shaver's Creek, Bird Breakfast, 8-10 a.m. Call 863-2000.

Sunday, June 16
Shaver's Creek, Household Hazardous Waste, 1-2:30 p.m. Call 863-2000.

Monday, June 17
"The Other Side of the Coin" – Films from the Middle East, Communications and Summer Sessions, 8 p.m. nightly.
Evening Aud "The Puppeteer" (Egypt), June 17; "A Door to the Sky" (Morocco), June 18; "Omar Gatlato" (Algeria), June 19; "Summer of Aviya" (Israel), June 20; "Night of the Jackal" (Syria), June 21.

Tuesday, June 18
Summer Sessions, music at noon, Fisher Plaza; bowling "diversions," 7-9 and 9-11 p.m., Rec Hall.

Wednesday, June 19
Summer Sessions, summer scholars, 3-5 p.m., Paul Robeson Cultural Center; HUB lawn film, 9 p.m.

Thursday, June 20
Summer Sessions, music at noon, Fisher Plaza; summer seminar, 3:30 p.m., Nittany Lion Inn.

Friday, June 21
Summer Sessions, ice cream "diversions," 7-8 p.m., Creamery/Pavilion.

Sunday, June 23
Music recital, 3 p.m., Music Building Recital Hall. Evelyn Ellis, clarinet, and Jill Olson, piano.

Monday, June 24
■ International Journalists' Symposium, Summer Sessions, 9:30 a.m. and 1:30 p.m., Assembly Room, Nittany Lion Inn.
Lecture on feminist literary criticism, 8 p.m., 101 Kern. Madelon Sprengnether, Univ. of Minn., on "Undoing Oedipus: Revisionary Biography and Psychoanalytic Theory."

Tuesday, June 25
Registration deadline for six-week session.



Evelyn Ellis, clarinetist, will present a recital of 3 p.m. Sunday, June 23, in the Music Building Recital Hall. She will be accompanied by Jill Olson, pianist.

Professional Women at Penn State, brown bag lunch, 11:45 a.m., Frizell Room, Eisenhower Chapel. Panel: "Balances in Life."
Summer Sessions, music at noon, Fisher Plaza.

Wednesday, June 26
Classes begin for six-week session.
Lecture on feminist literary criticism, 8 p.m., 101 Kern. Elizabeth Abel, UC-Berkeley, on "Reading White, Reading Black Race and the Politics of Feminist Criticism."
Summer Sessions, summer scholars, 3-5 p.m., Paul Robeson Cultural Center; HUB lawn film, 9 p.m.

Thursday, June 27
Summer Sessions, music at noon, Fisher Plaza; summer seminar, 3:30 p.m., Nittany Lion Inn.

Friday, June 28
Summer Sessions, ice cream "diversions," 7-8 p.m., Creamery/Pavilion; jam, 9 p.m.-1 a.m.

Saturday, June 29
Music at Penn's Woods, 7:30 p.m., Schwab Aud. Douglas E. Meyer, conductor.

Sunday, June 30
Shaver's Creek, Nature Crafts, 1-2:30 p.m. Call

863-2000
Music at Penn's Woods, chamber music series, 3 p.m., Music Building Recital Hall

Public Radio

WPSU-FM 91.1

"All Things Considered," Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.
Morning Edition, Monday-Friday, 6-8 a.m.
Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m.
"Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubenstein

Conferences

Continuing Education

Keller Building

June 16-21. Summer Seminar on Philately
Kent Addis, coordinator.

June 16-22 and 23-29. Computer Fiderhosted Week 1 and Week 2 Barb Impeditter, coordinator.

June 16-20. Graduate Minority Health Careers Institute. Daniel Trevino, chair; Donna Ricketts, coordinator.

■ June 17-28. International Play Therapy Conference. Louise Gaerney, chair; Kathy Karchner, coordinator.

■ June 17-21 and 24-28. International Center for Diffraction Data Clinic Week 1 and Week II Earle Ryba, chair; Norm Lathbury, coordinator.

June 18-20. State Farm Insurance Summer Institute. Jerri Milson, coordinator.

June 20-22. Child Relationship Enhancement Family Therapy. Louise Gaerney, chair; Kathy Karchner, coordinator.

June 21-22. Pa State School Bus Road-F-O Kent Addis, coordinator.

June 23-28. Renaissance in Engineering Education Workshop. John Vincent, chair; Donna Ricketts, coordinator.

June 22-19. Minority Health Careers Institute. Daniel Trevino, chair; Donna Ricketts, coordinator.

June 23-Aug. 10. Minority Research Apprentice Program. Daniel Trevino, chair; Donna Ricketts, coordinator.

June 24-27. Sound and Recording Workshop Peter Kiefer, chair; Jack Sinclair, coordinator.

June 24-28. Adventure Programming. Bob Ricketts, chair; Jerri Milson, coordinator.

June 24-28. Seminar in Feminist Literacy

Criticism Wendell Harris, chair; Chuck Herd, coordinator.

June 25-28. Interpretation Methods and Scale-Up Strategies. Kent Addis, coordinator.

June 26-28. Professional Staff Development. Donna Ricketts, coordinator.

■ June 28-30. Sweet Addies Harmony International. Pete Kiefer, chair; Kent Addis, coordinator.

June 28-30. Arbitration Institute. Gilbert Call, chair; Chuck Herd, coordinator.

June 29-30. Bridges to the Future. Marie Sevor, chair; Chuck Herd, coordinator.

June 29-30. Piano Teachers Workshop at Penn's Woods. Russell Bloom, chair; Donna Ricketts, coordinator.

June 30-July 6. Warning Fiderhosted Week II Peter Kiefer, chair; Jack Sinclair, coordinator.

Exhibits

National Cable TV Center/Museum
40 years of cable/television exhibit, through June 10

Pattee Library
East Corridor Gallery:
"Where's Reality?," photo collages by Stan Miller, through July 5

Penn State Room:
"IRB: 100, John R. Bracken and the Development of Landscape Architecture at Penn State," through Sept. 30

Rare Books Room:
"Marbled and Decorated Papers," through July 1

Zoller Gallery
"Metamorphosis of a Butterfly," sponsored by Pa Council on the Arts and Office of Summer Sessions, through June 30.

Tips

Information Penn State
Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather—234, Arts I—345, University Calendar—456

■ Reflects an international perspective

Focus on the arts

Pattee exhibits

Two new exhibits are now on display in Pattee Library:
"IRB: 100, John R. Bracken and the Development of Landscape Architecture at Penn State" is on display in Pattee Library's Penn State Room through Sept. 30.
An exhibit of photo collages titled "Where is Reality?" by Stan Miller is on display in Pattee's East Corridor Gallery through July 5.

The Bracken exhibit traces the career of Dr. Bracken, who enrolled at Penn State in 1910 and became one of the first graduates of the landscape architecture program. After 10 years in private practice, he returned to Penn State and in 1926 became head of the program. Within three years, the University was a charter member of the Federation of Professional Schools in Landscape Architecture, and his students were competing for the prestigious American Academy in Rome design fellowship.

Featured in the exhibit are examples of Dr. Bracken's designs for what is now the president's home on Kennard Road in Boalsburg and the Memorial Football Field in State College. Central to the development of the exhibit was a history of the Landscape Architecture Department as recorded by Dr. Bracken and transcribed and edited by W. Young. The exhibit, which includes Dr. Bracken's papers, is drawn from the collections of the University Archives/Penn State Room in Pattee

Library.
Mr. Miller's photo collages have been influenced by Surrealism and by world affairs.
He has worked in photography since he was a University photography student from 1977-82. His works of landscapes and historic structures have been displayed in Pattee and his collages have been displayed in the International Postcard Exhibition in Chambers Building.

Bookshelf

Stephen J. Cimbala, professor of political science at the Penn State Delaware County Campus, is the author of *Strategy After Deterrence*, published by Praeger.

The book examines how American and NATO military priorities will have to change now that the tangible threat to Europe has been removed by political and economic changes in Eastern Europe and the Soviet Union.

Dr. Cimbala looks at the structure and effectiveness of deterrence as a military strategy and explores available options. He also analyzes the relationship between conventional and nuclear weapons and reviews the likely course of future conflicts and alternatives to deterrence as a military strategy.

J. Lowen Shearer, professor emeritus of mechanical engineering, and **Bohdan T. Kulakowski**, associate professor of mechanical engineering, are co-authors of a new textbook, *Dynamic Modeling and Control of Engineering Systems*.

The book covers the fundamentals of mathematical modeling and control in engineering systems, focusing on the role of energy storage. It describes the dynamics of mechanical, electrical,

thermal, fluid and mixed systems by using Across-type and Through-type variables throughout.

Designed for students in mechanical engineering and related fields, the book stresses simple and useful models. It was developed from a course for senior-level mechanical engineering students.

The book is published by Macmillan Publishing Co., Riverside, N.J.

Patrick T. Terrenzini is co-author with Ernest T. Pascarella, of the University of Illinois, Chicago, of *How College Affects Students*, published by Jossey-Bass Inc.

The book synthesizes 20 years of empirical research and distills more than 2,600 studies to present virtually all that is known about how students grow and change as a consequence of attending college.

In an easy-to-use format for reference and study, the authors organize and interpret this exhaustive compilation of major educational outcomes, including learning, critical thinking and decision making, values and attitudes, education and career attainment.

They show how administrators and faculty can shape the educational and

interpersonal settings and events of their campus in ways that will engage students more fully in their college experience and help achieve their institution's educational goals.

They illustrate how instruction, orientation, residence units, and faculty recruitment and reward processes can be redesigned to reflect an institution's investment in student learning in all areas. And they highlight where the research points to ways for change and success.

William G. Tierney, associate professor of education and senior research associate in the Center for the Study of Higher Education, is editor of *Assessing Academic Climates and Cultures, New Directions for Institutional Research*, published by Jossey-Bass Inc.

Institutions have unique histories, symbols, and myths that create particular climates and cultures for the participants, Dr. Tierney says. These climates and cultures, in turn, influence decisions and actions that ultimately determine the organizations' effectiveness.

This volume of *New Directions for Institutional Research* discusses the

theoretical constructs, measurement instruments, interpretations, and applications of data and information about institutional cultures and values in management actions.

Beno Weiss, professor of Spanish, is the editor of a scholarly edition of two short novels of Maria de Zayas y Sotomayor, a 17th-century Spanish writer.

Titled *El castigo de la miseria. La inocencia castigada (The Punishment of Avarice. Innocence Punished)*, the book contains an introduction analyzing the novels and demonstrating why the collection from which they come is known as the "Spanish Decameron."

Dr. Weiss studies the Baroque artistry of Zayas y Sotomayor and also shows how this long-neglected feminist writer satirizes the customs of the men of her times.

The book, which also contains a bibliography of critical studies of the novelist's work, has been published in the *Clasicos Albatros* collection of Ediciones Albatros/Hispanofolia of Valencia, Spain, and is designed for use by students and specialists of Spain's Golden Age literature.

Penn Staters

Richard Alden, assistant professor of architecture, has had a colored pencil drawing titled "Kitchen Table" accepted for exhibit in the East Coast Artists Invitational national juried art exhibition.

Ram B. Bhagat, senior research associate, IRP, and associate professor of engineering mechanics, presented a paper, "Damping of Metal Matrix Composites: Experimental Results and Analysis," at the American Society for Testing and Materials International Symposium on MSD: Mechanics and Mechanisms of Material Dumping in Baltimore.

Diane V. Brown, regional director of the western region, Penn State Cooperative Extension, was elected secretary of the extension section of the American Home Economics Association.

Elsworth Buskirk, director of the Noll Laboratory for Human Performance Research, has received the Regional Service Award from the Mid-Atlantic chapter of the American College of Sports Medicine.

Gregory L. Geoffroy, professor of chemistry and dean of the Eberly College of Science, gave an invited plenary lecture titled "New Addition

and Cycloaddition Reactions with a Chiral and Highly Nucleophilic Manganese Acetylide Complex" at the 1991 International Chemical Conference on Synthetic Chemistry in Taipei, Taiwan. He also lectured at the National Taiwan University.

Terry R. Haggerty, associate professor of exercise and sport science in the College of Health and Human Development, has been appointed one of three computer advisers to the 1991 International Summer Special Olympic Games.

William Klein, assistant professor of management at Penn State Erie, The Behrend College, presented a paper on "The Logic of Business Ethics" at the International Association of Business and Society in Utah.

Samuel A. McClintock, assistant professor of engineering at Penn State Harrisburg, has won second prize honors for a paper, "Effects of Temperature and Mean Cell Residence Time on Biological Nutrient Removal Processes," in competition conducted by the Water Pollution Control Federation.

James Moeser, dean of the College of Arts and Architecture, has been invited to perform in the first biennial Irving S.

Gilmore International Keyboard Festival April 27-May 5 in Kalamazoo, Mich. The festival offers two concert series with artists in solo recital, concerto and chamber performances at major concert halls in Kalamazoo, Battle Creek, Lansing, Grand Rapids and Sturgis.

Robert E. Newnham, Alcoa professor of solid state science, has received the John Jeppson Medal and Award of the American Ceramic Society for "distinguished, creative, and inspiring contributions to ceramic science, technology, and education in the area of electronic ceramic materials."

Robert A. Novack, assistant professor of business logistics, has been appointed chairman of the Academic Council of the American Society for Transportation and Logistics.

Anne C. Petersen, dean of the College of Health and Human Development, has been invited to serve on a major European study group on adolescence, "Psychosocial Problems of Youth in a Changing Europe," established by the Academia Europaea, the European equivalent of the National Academy of Science.

Marshall W. Raffel, professor of health policy and administration in the College

of Health and Human Development, was an invited lecturer at the Slovak Institute of Postgraduate Medical and Pharmaceutical Education in Bratislava, the Czech and Slovak Federal Republic (formerly Czechoslovakia).

David Roth, associate professor of engineering at Penn State Erie, The Behrend College, presented a paper on "FEA in Engineering Technology Program to Help Meet the Needs of Concurrent Engineering" at the ANSYS Fifth International Conference.

Spiro Stefanou, associate professor of agricultural economics, received a three-year appointment as associate editor of the *American Journal of Agricultural Economics*.

Judith Van Herik, associate professor of religious studies, presented an invited paper titled "From Women's Words about Body to Freud's Words about Psyche: Notes on Disembedding Psyche from Flesh" to a seminar on "Body and Difference" at the Inter-University Post-graduate Center, Dubrovnik, Yugoslavia.

John O. Yocum, senior research associate in agronomy, received the Extension, Education and Research Award from the Mid-Atlantic Soybean Association.

Partings

Clarence A. Brockman has retired as associate vice president emeritus for administration and operations at the Hershey Medical Center.

Since 1973, Mr. Brockman has overseen 23 major additions and significant expansion projects, and more than 1,500 renovation projects. The Medical Center grew from 1.2 million square feet of space to more than 2.5 million.

The job has changed for Mr. Brockman over the years as the institution has grown. Before his departure, he was responsible for all business and administration services, physical plant, materials management, and safety and security. He coordinated legal and insurance affairs and served as the Medical Center's affirmative action officer. More than 230 employees reported to him through the five major areas.

One of the greatest challenges he faced was the acquisition of federal money from Health and Welfare for the clinical science addition. "We made repeated trips to Washington to lobby for these funds," he said. In an 1982, the 50,582-square-foot addition was completed.

"I'm also proud of the fact that, as the Medical Center grew in size and stature, University Park recognized our ability to administer ourselves, and our autonomy grew, especially in such areas as purchasing and human resources," he said. "And I take great satisfaction in having been a part of the development of this campus, watching buildings come on-line in the right order. Our ability to grow and expand makes our campus unique."

In retirement, he plans to stay in Hershey, and "I'm about 18 years behind in fishing." He also plans to complete the restoration of a 1929 Model A Ford in his garage and to complete some unfinished projects in his basement woodworking shop.

Jacqueline A. Fossati, senior control clerk in information systems, has retired after 21 years service at the Hershey Medical Center.

Ms. Fossati, who worked part time for two years before starting as a full-time keypunch operator in September 1969.



Clarence A. Brockman

started her career in the three-person Information Systems Department in a room above the Hershey Library.

When the department grew to five people, it was relocated to a farmhouse. "It was really an experience," said Ms. Fossati, who worked in the farmhouse's kitchen. "The cows were right outside the kitchen door, and you could smell the lilac blooming."

As the Medical Center grew, so did Information Systems. The 46-person department is now housed in the University Communications Building. Ms. Fossati is spending her newly found free time with her first granddaughter, 7-month-old Cheba, as well as working in her yard and on many craft projects.

Mina M. Thompson, secretary to the assistant director and director of the Commonwealth Educational System, has retired after 20 years service. Ms. Thompson began working for the University in 1971.

She and her husband, John Thompson, have a daughter, Mina L. Sommerville, who graduated from Penn State, and a son, John L. Thompson III, who attended Penn State for three years.

In retirement, Ms. Thompson and her



Jacqueline A. Fossati

husband plan to visit their daughter in Germany and will continue to live in Bellefonte.

E.A. (Al) Vasyan, professor of humanities and founding chairman of the Department of Humanities at the Hershey Medical Center, has retired after 23 years service.

Professor Vasyan, an Episcopal pastor, had served as chaplain to medical students and executive director of The William Temple Foundation (for Humanistic Studies) at The University of Texas Medical Branch in Galveston. He gave up a Danforth Fellowship to Yale University to chair the nation's first humanities department at a medical school in Hershey.

In 1971, the Department of Humanities received the first National Endowment for the Humanities grant to a medical school. The grant enabled the department to expand to a faculty of six and add literature and political science to the curriculum. A Public Health Service grant to the department in 1978 led to the formation of The Center for Humanistic Medicine in 1979.

An honors graduate of Denison University, Professor Vasyan received his B.D. cum laude from Episcopal Theological School in Cambridge, Mass., and studied at



E.A. (Al) Vasyan

the University of Southampton, England, the University of Chicago, and Harvard University. He was honored with a Doctor of Humane Letters degree from the Medical University of South Carolina in Charleston.

Professor Vasyan is a past president and charter and founding member of the Society for Health and Human Values, the leading professional organization for humanities faculty in medical education.

His future plans include returning to some form of ministry within the Christian church. He and his wife, Shirley, enjoy traveling and plan a future trip to Italy to pursue their interest in Renaissance art. He also hopes to spend more time on cabinetry in his woodworking shop.

Richard H. Herman, professor/department head, mathematics, Eberly College of Science, from Aug. 15, 1972, until May 11, 1976.

Frances M. Grove, food service worker, Housing and Food Services, from Sept. 1, 1976, until May 15.

Kathryn L. Green, central processing aide at Hershey, from March 13, 1974, until June 1.

New institute for justice education is established

Continuity Education, in partnership with the College of the Liberal Arts, is establishing an Institute for Continuing Justice Education and Research.

Daniel Maier-Katkin, professor and head of the Department of Administration of Justice, is acting director of the Institute. Staff members include **Edwin J. Donovan**, **James R. Horner**, and **John Sullivan**, assistant professors of administration of justice, and **Ted L. Altman**, lecturer. An 11-member national advisory board, representing all segments of the justice profession, has been named to offer technical assistance and guidance to the Institute.

The creation of the Institute as part of

Penn State Continuing Education gives us the opportunity to establish a permanent base from which to expand the highly successful courses we already offer both within and outside the Commonwealth," James H. Ryan, vice president for continuing education, said. "We also look forward to expanding our research activities and to setting up cooperative international programs. We anticipate that our planning in these areas will be greatly assisted by the Advisory Board."

Board members include: **Benjamin F. Brooks**, major, Pennsylvania State Police; **John C. Graham**, director, Domestic Relations Section, Court of Common Pleas, Westmoreland County; **Alfred W. Jacobs**,

chairman, Pennsylvania Board of Probation and Parole; **Dennis M. Luther**, warden, Federal Correctional Institute, McKean; **Tom McKenney**, supervisory officer, U.S. Board of Probation and Parole.

Also, **Ross F. Mirmelstein**, director of operations, National Sheriff's Association; **Barry K. Robinson**, attorney; **Louis A. Tyska**, corporate director, International Security, Revlon Inc.; **Don F. Walker**, president, Business Risks International; **Mary J. Wamsley**, Lakewood, Colo., police sergeant and director, International Association of Women Police; and **Beatrice A. Weaver**, Metro-Dade, Fla., police department.

Two of the best-known academic

programs which will now be handled out of the Institute are POLEX, Police Executive Development, and POSIT, Police Supervisory In-Service Training.

POLEX, which was developed in 1971 and now claims more than 1,500 graduates representing administrators in agencies from Vermont to Colorado, is a 75-hour, three-credit program offered twice yearly at University Park's Keller Conference Center and delivered by contract to interested agencies and training centers.

POSIT, designed primarily for first-line supervisors, is a one-week seminar that has attracted more than 1,200 participants.

Private Giving to Penn State

The Smeals donate Dr. Popp's books and papers to Libraries

Nearly 13 tons of books and papers collected by the late Henry W. Popp, Penn State professor of botany, have been donated to the University Libraries by his daughter and her husband, **Mary Jean and Frank Smeal** of Runsom, N.J.

Calling it a "vast personal collection," Charles Mann, chief of the Libraries' Rare Books and Special Collections, said the collection reflects Dr. Popp's broad and eclectic interests — botanical texts from the 16th century, books on medicine, Centre County history, Africa, Abraham Lincoln, and other general materials.

"A lot of the strongest material is what you would expect: botanical texts and materials, including a copy of Gerard's *Herbal*, published in London in 1586," Mr. Mann said. Most of the important books in the collection have been catalogued and are available in the Rare Books Room in Pattee Library, but much more is still in storage awaiting processing.

"We probably still have some discoveries to make," Mr. Mann added. For example, he recently opened a carton and found the original papers of a Centre County group that, between 1850 and

1890, was organized to catch horse thieves.

Valued at approximately \$57,000, the donation is the latest of many by the Smeals to what Mrs. Smeal has called "our family's school." Their largest gift was \$10 million to the Smeal College of Business Administration in 1989.

The Smeals both received bachelor's degrees from Penn State in 1942 — she in arts and letters and he in economics. After a 38-year career on Wall Street, Mr. Smeal is a limited partner with the investment firm of Goldman, Sachs & Co.

Dr. Popp, an Army veteran of World War I, obtained his bachelor's and master's degrees from Penn State in 1917 and 1922. After earning a doctorate from the University of Chicago in 1926, he joined Penn State's faculty as an assistant professor of botany. He became a professor in 1937 and served as head of the Department of Botany from 1950 until his retirement in 1958.

A co-author of what was at one time the world's best-selling college-level botany textbook, Dr. Popp died in State College in 1989 at the age of 96.

Ag engineering laboratory is established

Penn State alumnus **Harvey Corson** and his wife, **Dorothy**, of Muncy have given \$150,000 to establish an agricultural engineering laboratory at the University.

The Corson Laboratory in Electronics Instrumentation will provide instruction in developing and using state-of-the-art electronic components in agricultural machinery, food processing systems and structural control systems.

"We need to give our students additional training in electronics instrumentation, which is becoming increasingly important in all facets of agricultural engineering," said Dennis Buffington, head of the Department of Agricultural and Biological Engineering.

"The new laboratory, which replaces a facility developed in the 1940s, is helping us to provide that education," he added. "We're grateful to the Corsons for their generosity."

The Corson Laboratory is a teaching laboratory for undergraduate and graduate students in agricultural engineering, agricultural systems management and technology, and other students enrolled in service courses. The gift is being used for major building renovations and equipment purchases.

Mr. Corson earned a bachelor's degree in agricultural engineering from Penn State in 1936.

Graduate acoustics program gets grant

The Hewlett-Packard Co. has given a \$74,810 equipment grant to the Graduate Program in Acoustics.

The grant includes Hewlett-Packard Spectrum/Network Analyzers and Laser Jet III printers. The equipment will give students and faculty the opportunity to do research on state-of-the-art equipment. It also will be used

for laboratory demonstrations and instruction in underwater acoustics, vibration, noise control and acoustic signal processing.

The University's Acoustics Program is the largest department of its kind in the United States and enjoys a national and international reputation for leadership in research and education.

Promotions

Staff Exempt

William C. Ahlberg to checker/senior designer in Applied Research Lab.
Susan E. Ditty to research support assistant at Hershey.

David F. Dreese to advanced engineering aide in Applied Research Lab.

Leroy B. Eckley to checker/senior designer in Applied Research Lab.

Todd Fetterolf to designer, electro/mechanical in Applied Research Lab.

Robert J. Grove to advanced engineering aide in Applied Research Lab.

Cynthia J. Jones to development officer in Division of Development and University Relations.

Sandra M. Litzberger to program aide at Penn State Allentown Campus.

Joyce M. Matthews to assistant director, student programs and services at Penn State Mont Alto Campus.

Kathleen O. Meyer to reimbursement analyst at Hershey.

Rachel E. Murgas to financial analyst in Commonwealth Educational System.

Betty L. Nimbberger to acquisition budget analyst in University Libraries.

Charles A. Smith to administrative computing service officer in C&IS-Management Services.

Sharon L. Walczak to assistant to the

director, education in Office of the President.

Staff Non-Exempt

Daniel N. Ariola to computer tomography radiologist at Hershey.

Paula J. Beam to licensed practical nurse/medicine at Hershey.

Pamela R. Frisco to data and professional fees coordinator at Hershey.

Maria I. Hartel to research technician at Hershey.

Russell G. Knee to engineering aide in Applied Research Lab.

Lynne C. Pletcher to senior research technician at Hershey.

Susan E. Prout to licensed practical nurse/medicine at Hershey.

James C. Stine to engineering aide in Applied Research Lab.

Angelika D. Taraschi to patient account assistant at Hershey.

George A. Yesenosky to shift supervisor at Hershey.

Clerical

Elizabeth A. Benner to employee benefits clerk in Office of Human Resources.

Theresa M. Books to secretary C in Eberly College of Science.

Martha R. Bowman to secretary in Corporate Controller's Office.

Susan J. Bracken to senior clerk, Lending Services in University Libraries.

Bonnie L. Burris to secretary A in Corporate Controller's Office.

Freda W. Davis to secretary B at Penn State Erie, The Behrend College.

Karen A. Ewing to accounting clerk in Housing and Food Services.

Kim J. Gutshall to clerk, insurance team at Hershey.

Janice M. Keith to secretary A in Division of Development and University Relations.

Kathy A. Long to purchasing clerk at Hershey.

Loretta R. Marley to secretary A in Earth and Mineral Sciences.

Carol Oakes to secretary C at Penn State Ogontz Campus.

Mary D. Pelipsek to technical secretary A in Applied Research Lab.

Barbara A. Reed to medical transcriptionist/clerk typist at Hershey.

Lorraine P. Ritter to secretary B in Research and Graduate School.

Scott A. Smith to auditing clerk in Nittany Lion Inn.

Donna N. Stewart to room clerk in Nittany Lion Inn.

Sandra J. Stover to employee benefits clerk in Office of Human Resources.

Wende I. Stuck to secretary C in Engineering.

Mary A. Sundquist to clerk A in Earth and Mineral Sciences.

Judy A. Tice to clerk A in C&IS-Telecommunications.

Pamela S. Whayland to clerk, coding and abstracting at Hershey.

Tonya L. Wian to senior clerk in Education.

Technical Service

Brook L. Boyer to residence hall preventive maintenance worker in Housing and Food Services.

Dennis S. Burris to offset press operator multi-head in Office of Business Services.

James I. Burket to maintenance mechanic, repairs in Nittany Lion Inn.

Scott J. Caldwell to maintenance mechanic B at Penn State York Campus.

Thomas D. Harris to mechanic A, Waste Water Treatment Plant in Office of Physical Plant.

Stanley J. Kaluzny to utility meter technician A in Office of Physical Plant.

Barry W. McKinley to experimental machinist in Applied Research Lab.

Bryan F. Stehle to maintenance mechanic B at Penn State York Campus.

William L. Wittmer to area facilities maintenance mechanic in Office of Physical Plant.

Focus on Research

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Intercom
June 13, 1991

Gradient Refractive Index Glass

New manufacturing process could revolutionize the glass industry

Thinner eyeglasses, less complicated and smaller photographic lenses and more carrying capacity for fiber optic connections may all be possible if ISOTEC Limited Partnership's process for manufacturing GRIN glass is commercialized, according to Guy E. Rindone, professor emeritus of materials science.

He has worked as a special consultant to the Tucson, Ariz., firm in helping to develop a glass that can be reliably and repeatably manufactured, and can bend, join, divide, direct and guide light beams in a predictable manner.

GRIN glass, or gradient refractive index glass, has been manufactured previously, but only through special chemical and heat treatments that are expensive, time-consuming, and produce only thin layers, Dr. Rindone says.

The ISOTEC process is a manufacturing process, not a post-process treatment.

"The new technology would remove current limitations on the design of traditional optical products such as cameras, leading to fewer lens elements, greater miniaturization and improved zoom lens systems. We could also manufacture multifocal eyeglasses that are thinner and lighter," he says.

In the telecommunications industry, GRIN glass would dramatically increase the carrying capacity of fiber optic cable and enhance optical computing

systems. Where once only one signal could be carried, up to 50 laser signals could occupy a fiber optic cable if a GRIN lens-based frequency multiplexer were used.

Glasses with different refractive indexes, the degree to which light is bent as it passes through the glass, can be manufactured by varying the content of heavy metals such as lead. However, simply placing increasingly greater refractive index glasses atop one another to gradually bend light, for instance, does not work. When the light hits the interface between the two pieces of glass, it is bent or refracted at a sharp angle, and some is reflected backwards. This layering method, by itself, produces light that travels in a stair-step pattern rather than in a smooth gradient.

According to Dr. Rindone, the interfaces between layers must be removed, leaving a gradual gradient rather than a sharp division.

"I have been involved with ISOTEC in developing the technique for fusing the different layers of glass and in designing the molds that hold the layers that are fused," he says.

He also has helped with determining the times and temperatures needed in the manufacturing process and in developing glasses used to make the layers.

Because different wavelengths of light are slowed and consequently refracted differently by glasses of different refractive index, careful planning is necessary

to design GRIN glass implements. A lens that acts as a prism, separating the colors of light, or a lens that concentrated light from large areas into a single focus could be manufactured, depending on the gradients incorporated.

ISOTEC's original research was in designing concentrators for solar collectors.

Dr. Rindone says an important aspect of the ISOTEC process is that the GRIN glass object is initially designed by computer using programs developed by Richard Blankenbecler, director of the Stanford Linear Accelerator Center and a consultant to ISOTEC.

"The profile of the gradient index is computed and the exact pathway the light will take is delineated," Dr. Rindone says. "Then, after selecting glasses having the appropriate indexes of refraction, the order and thickness of the layers and the time and temperatures needed to produce the smooth gradient are determined before actual manufacturing begins."

He presented the results of this research at the fourth International Otto Schott Colloquium at the Friedrich Schiller University in Jena, Germany. His co-authors were Dr. Blankenbecler and James J. Hagerty and David N. Pulsifer, ISOTEC.

— A'ndrea Elyse Messer



These photographs provided by ISOTEC illustrate the ability of GRIN glass to bend light beams. The photograph on the left shows a piece of GRIN glass (about the size of a

quarter) bending a light beam. In the second photograph, a piece of GRIN glass breaks light beams into their respective frequencies.

Staff Vacancies

The following vacancies for positions located at staff current or staff noncurrent have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. **APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304).** Applications for these staff vacancies will be accepted until **June 20, DO NOT CONTACT THE AREA THAT HAS THE VACANCY.** Applications for staff vacancies are considered in accordance with Fair Employment practices (FES) and in compliance with the University's Alternative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran.

■01532, Financial Officer, Corporate Controller, University Park Campus - Responsible to the director, financial officers, and to the vice president for business and operations for primary assistance in financial matters and procedures within the limits of delegated authority, responsibility and accountability. Requires bachelor's degree or equivalent in accounting plus over four up to and including six years of effective experience in an institutional setting. A thorough knowledge of automated accounting systems such as IBIS and the Auxiliary Accounting System is desirable as well as excellent analytical/EDP financial systems experience. **STAFF GRADE 8**

■01533, Supervisor, Library Services, Applied Research Laboratory, ARL Administration, University Park Campus - Responsible to the assistant director, Planning, Operations and Administration, for the management of the library, preparation and monitoring of budgets and supervision of staff. Requires bachelor's degree, or equivalent, in library science or related field plus two to four years of effective experience in academic research or technical libraries and working knowledge of using systems resources. U.S. citizenship required. **STAFF GRADE 7**

■01534, Administrative Assistant, Eberly College of Science, Center for Cell Research, University Park Campus - Responsible for efficient overall

operation of office. Supervise clerical staff, prepare and monitor budgets, assist with five- and seven-year budget plans development, collect and maintain data for Sponsor Tracking System and subcontract reports. Requires bachelor's degree, or equivalent, preferably in business administration plus one to two years of effective experience including accounting, microcomputer applications and supervision. This is a **fixed-term position funded through June 30, 1992, with excellent probability of re-funding.** This is a re-announcement. Previous applicants must re-apply. **STAFF GRADE 6**

■01535, Senior Diversity Planning Assistant, Office of the President, Vice Provost, University Park Campus - Responsible to the vice provost for continuous monitoring of institutional research, planning, and analysis associated with the University's goal of promoting and enhancing cultural diversity. Requires bachelor's degree, or equivalent, in higher education or other educational field, public administration, or field related to policy analysis, plus two to three years of effective experience in higher education or cultural diversity planning activity. Excellent writing skills and a basic understanding of statistical techniques are essential. Master's degree or equivalent, and from one to two years of effective experience is preferred. **STAFF GRADE 7**

■01536, Project Manager, Office of Physical Plant, University Park Campus - Responsible to the director, Project Management, for the overall project development and management functions for University renovations, alterations and major maintenance projects. Requires bachelor's degree in architecture or engineering, or equivalent, plus four to five years of effective experience with increasing responsibility in major institutional and/or commercial project and construction administration. Registration as an architect or professional engineer preferred. **STAFF GRADE 8**

■01537, Supervisor, Food Services, Housing and Food Services, Altoona Campus - Responsible to the manager Housing and Food Services - Commonwealth Campuses, for all phases of a specific dining commons operation. Requires bachelor's degree, or equivalent,

plus one to two years of effective experience. **STAFF GRADE 5**

■01538, Assistant to the Director of Community Relations, Community Relations, Penn State Harrisburg - Responsible to the director of community relations for implementing public information, publications, special events, and alumni affairs activities as part of a comprehensive university relations program for the entire campus. Requires bachelor's degree in journalism, or equivalent, plus over one and up to two years of effective experience. This is a **fixed-term position funded from July 1, 1991, through June 30, 1992. Position may be renewed depending upon availability of funding.** **STAFF GRADE 6**

■01539, Area Representative, Penn State Great Valley, Continuing Education - Responsible for the functions of development, organization, delivery, and administration of Continuing Education programs and services within an assigned geographic district. Must assume administrative responsibility for planning, scheduling, staffing and conducting evening school class operations, workshops, conferences and contracting services with clientele organizations. Requires bachelor's degree and two to three years of effective experience in business, industry, or education with special emphasis on marketing and client management. **STAFF GRADE 7**

■01540, Representative, Delaware County Campus, Continuing Education - Responsible to the assistant director of continuing education for providing the University function of Continuing Education in an assigned service area. Assume administrative responsibility as assigned for planning, scheduling, staffing, conducting evening school class operations, workshops, conferences, and contracting services with clientele organizations. Requires bachelor's degree, or equivalent, plus two to three years of effective experience in business, industry or education. **STAFF GRADE 7**

Hershey

For the following position vacancies, apply directly to The Milton S. Hershey Medical Center. Attach resume with cover letter indicating the position vacancy code and forward to the

Department of Human Resources Hershey, or call the Hershey bid line at (717) 531-8531 by June 20.

■17505, Health/Science Writer, Department of Public Relations - Responsible to the director, Public Relations, for writing articles and informational material for the Public Relations Department with emphasis on in-depth science and health care articles. Requires a bachelor's degree or equivalency in journalism or related field plus one to two years effective experience as a working journalist or public relations practitioner in the areas of science, medicine and health care. Experience with computer word processing equipment desirable. **STAFF GRADE 6**

■17510, Assistant Manager, Department of Clinical Nutrition - Responsible to the manager, Clinical Nutrition, for assistance in staff supervision and education, program development, patient care and research. Requires a master's degree in nutrition or equivalent, and registered dietitian plus two to three years of effective experience. **STAFF GRADE 7**

■17507, Chaplain, Department of Pastoral Services - Responsible to the coordinator, Hospital Chaplaincy Program, for providing chaplaincy services to patients and their relatives in the University Hospital, including emotional and spiritual support and religious services. Requires a master of divinity degree or equivalency, fellow or eligibility for certification as a fellow in College of Chaplains, ordination or equivalent licensure by the candidate's own church body, plus 1-2 years of effective experience as a parish pastor. **STAFF GRADE 6**

■15062, Clinical head Nurse, Department of Nursing/Medical Intermediate Care Unit - Responsible to the nursing manager and/or the assistant director of nursing services for performing a variety of nursing duties, as well as providing leadership to nurse clinicians and other patient care personnel. Requires registered nurse with a current license to practice professional nursing in Pennsylvania, plus one to two years of effective nursing experience. Bachelor of science in nursing preferred. **STAFF NONEXEMPT, GRADE 5**

■14928, Clinical Head Nurse, Department of Nursing/Medical Intensive Care Unit - Responsible to the nursing manager and/or the assistant director of nursing services for performing a variety of nursing duties, as well as providing leadership to nurse clinicians and other patient care personnel. Requires registered nurse with a current license to practice professional nursing in Pennsylvania, plus one to two years of effective nursing experience. Bachelor of science in nursing preferred. **STAFF NONEXEMPT, GRADE 5**

■15015, Clinical Head Nurse, Department of Nursing/Pediatrics - Responsible to the nursing manager and/or the assistant director of nursing services for performing a variety of nursing duties, as well as providing leadership to nurse clinicians and other patient care personnel. Requires registered nurse with a current license to practice professional nursing in Pennsylvania, plus one to two years of effective nursing experience. Bachelor of science in nursing preferred. **STAFF NONEXEMPT, GRADE 5**

■15009, 15008, Clinical Head Nurse (two positions available) Department of Nursing/Pediatric Intermediate Care Unit - Responsible to the nursing manager and/or the assistant director of nursing services for performing a variety of nursing duties, as well as providing leadership to nurse clinicians and other patient care personnel. Requires registered nurse with a current license to practice professional nursing in Pennsylvania, plus one to two years of effective nursing experience. Bachelor of science in nursing preferred. **STAFF NONEXEMPT, GRADE 5**

■15002, Clinical Head Nurse, Department of Nursing/Pediatric Intensive Care Unit - Responsible to the nursing manager and/or the assistant director of nursing services for performing a variety of nursing duties, as well as providing leadership to nurse clinicians and other patient care personnel. Requires registered nurse with a current license to practice professional nursing in Pennsylvania, plus one to two years of effective nursing experience. Bachelor of science in nursing preferred. **STAFF NONEXEMPT, GRADE 5**

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INTERCOM

June 27, 1991

Volume 20, Number 36

Two key Graduate School appointments are announced

Two key appointments in the Graduate School have been announced by **Charles L. Hosler Jr.**, acting executive vice president and provost, and senior vice president for research and dean of the Graduate School.

Barbara M. Shannon, distinguished professor of nutrition, has been appointed associate dean. She will succeed **Howard B. Palmer**, who will retire June 30.

William D. Taylor, associate dean for research and graduate education in the Eberly College of Science, has been named director of Intercollege Research Programs. He will succeed **Richard L. McCarl**, who also will retire June 30.

Dr. Shannon's research focuses on the study of psychosocial factors that influence eating behavior. She has coauthored a college textbook, *Nutrition: An Inquiry into the Issues*, and has written more than 50 articles and publications.

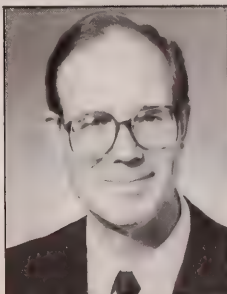
Dr. Shannon joined the University in 1971 as an assistant professor and was named associate professor in 1977, professor in 1983 and distinguished professor in 1990.

Among her professional achievements, she will serve as the 1991-92 president of the Society for Nutrition Education and has



Barbara M. Shannon

been president and executive board member of the Pennsylvania Nutrition Council; and editor, associate editor and a member of the editorial board of the *Journal of Nutrition Education*. She also is an active member of the American Institute of Nutrition and the American Dietetic



William D. Taylor

Association.

Dr. Shannon has served on numerous college and departmental committees, the University Faculty Senate and the Graduate Council.

Her degrees are a B.S. from University of Tennessee, M.S. from University of Illinois

and a Ph.D. from Purdue University.

A specialist in the study of radiation effects, Dr. Taylor also is a professor of biophysics and acting director of the Biotechnology Institute. He is primarily interested in organisms' molecular level responses to radiation and chemicals that sometimes lead to cancer.

He earned his bachelor's and doctoral degrees from Manchester University in England, and joined the University faculty in 1963 as assistant professor of biophysics.

He was named associate professor in 1966 and professor in 1971. He served as head of the Department of Biophysics from 1971 to 1975 and, from 1975 to 1983, was associate head of the Department of Molecular and Cell Biology.

Dr. Taylor has served on numerous college, department, Graduate School and Faculty Senate committees. He was chair of the Faculty Senate in 1972-73.

He is a member of the Radiation Research Society, Biophysical Society, American Society for Photobiology, American Society of Biological Chemists, American Society for Microbiology and the American Association for the Advancement of Science.

CEO at Altoona is appointed to head South Florida campus

James A. Duplass, campus executive officer at the Penn State Altoona Campus, has announced his resignation, effective Aug. 19, to become dean and executive officer of the Fort Myers Campus of the University of South Florida.

Dr. Duplass has made tremendous contributions to the Penn State Altoona Campus which have benefitted the entire University. Richard E. Grubb, senior vice president and dean of the Commonwealth Educational System, said,

"During his eight-year tenure, the campus has progressed in all areas required for a high institution of higher education. In addition, he has made significant university-wide contributions."

The University of South Florida's Fort Myers Campus is an upper division (junior and senior students) and graduate institution offering bachelor's degrees in business fields, nursing, education, and social sciences; an M.B.A., and a master's degree in education.

Task force will study faculty/staff benefits

President Thomas and Peter Deines, chair of the University Faculty Senate, jointly have appointed a task force to study and make recommendations regarding certain elements of the faculty/staff benefits program.

In view of escalating costs, growing complexities of benefits, and an interest in promoting health and overall well-being of faculty and staff at Penn State, the task force is charged as follows:

To recommend goals, broad timelines and potential strategies or approaches to reach the recommended goals of a benefit program for the year 2000. The task force is asked to focus on the benefits of health, dental and vision care as well as life insurance.

Members of the task force include **Robert W. Bernholz**, professor of biochemistry, Eberly College of Science; **Ruth C. DeShong**, secretary B, Penn State Altoona Campus; **Marilyn Eastridge**, assistant professor of exercise and sports science, College of Health and Human Development; **George W. Franz**, associate professor of history and American studies, Penn State Delaware County Campus;

The task force on faculty/staff benefits has been asked to recommend goals, broad timelines and potential strategies on approaches to reach recommended goals of a benefit program for the year 2000.

Elmore R. Hunter, County Extension Agent, Philadelphia County; **Kathryn J. Martin**, administrative assistant, Hershey Medical Center.

Barbara M. Merrill, administrative assistant, College of Engineering; **Robin C. Rager**, instructor, associate director of health education, College of Health and Human Development; **Robert A. Schlegel**, head, Molecular and Cell Biology/professor of microbiology, Eberly College of Science; **Daniel L. Trevino**, associate professor of applied physiology and director of minority programs, College of Health and Human Development; **J. Randall Woolridge**, professor of finance, The Smell College of

Business Administration, and **Wayne W. Zolko**, associate university auditor, Corporate Controller's Office.

Billie S. Willis and staff in the Office of Human Resources have agreed to serve as resource persons and provide staff support. Faculty and staff members who have concerns about the specific benefits indicated are encouraged to address them to **William F. Batcheiler**, 205 Ruder Building, University Park, PA.

Dr. Willis has indicated that the task force plans to meet over the summer and through the end of the calendar year and several recommendations advanced by January 1992.

Focus on Diversity

Five chosen to serve on coordinating council

Five University women have been chosen to serve on the Coordinating Council of Professional Women at Penn State, effective July 1.

Professional Women at Penn State is a grass-roots group whose participants develop and maintain a communications network and serve as a resource for other Penn State women. The group's Coordinating Council is composed of 10 volunteers who serve two-year terms, five of which expire each June.

The new Coordinating Council members include **Tineke J. Cunningham**, career counselor, Career Development and

Placement Services; **Jackie R. Esposito**, assistant archivist for records management, Pattee Library; **Lisa S. Wandel**, assistant director of food services, Housing and Food Services; **Sherry F. Walk**, secretary B, President's Office/University Office of International Programs; and **Tonya L. Wian**, senior library clerk, College of Education Library.

They will join **Lisa Davis**, research coordinator, Department of Meteorology; **Candace Davison**, reactor supervisor/nuclear education specialist, College of Engineering; **Marcia Haluga**, past chair of Professional Women at Penn State and

assistant to the associate dean for research, College of Earth and Mineral Sciences; **Barbara K. Kennedy**, chair of Professional Women at Penn State and dean's assistant for communications, Eberly College of Science; and **Cheryl Stroud**, research associate, Department of Dairy and Animal Science, whose terms continue through the 1991-1992 fiscal year.

For more information about Professional Women at Penn State, contact Barbara K. Kennedy, 228 Pond Laboratory, University Park, 863-4682.

Diversity Calender

Wednesday, July 3

Penn State Summer Sessions, 3 to 5 p.m., Paul Robeson Cultural Center. Presentation by Collins Aribenbuwa and Cyril Griffith. **Wednesday, July 10**
Penn State Summer Sessions, 3 to 5 p.m., Paul Robeson Cultural Center. Presentation by Summer Scholar in Residence program scholars Justine Saunders and Luz Maria Umperio-Herrera.

Gospel music featured on WPSX program

The soul-stirring, hand-clapping jubilation of gospel music will be performed by well-known artists on *Make A Joyful Noise*, 1990.

This music special, airing at 2:30 p.m. Saturday, June 29, on WPSX-TV, features several western Pennsylvania ensembles performing the many styles of gospel music. In addition, host Christopher Moore is joined by the Rev. Richard Allen Farmer, a noted musicologist who contributes entertaining and informative commentary.

Performers this year include: Alpha, an ensemble whose music is a unique blend of jazz and gospel; Eva Driver, a soloist whose

voice is powerful and lifting as she sings "It's In My Heart" and "Amazing Grace"; and One Accord, a talented group who sings contemporary upbeat tunes like "Victory" and the slow spiritual "It's So Sweet."

In *Movers/On Lyons*, *The Faithkeeper*, airing at 9 p.m. Wednesday, July 3, Bill Moyers talks with Oren Lyons, one of the most prominent Native American leaders in the international environmental movement. As faithkeeper of the Turtle Clan of the Onondaga Nation, Lyons is an activist, scholar and philosopher.

Colloquia scheduled at Robeson Center

The Office of Summer Sessions and the Paul Robeson Cultural Center are sponsoring a series of colloquia featuring faculty in the Summer Scholars in Residence program, University faculty and members of the University community.

The series will be held on Wednesdays from 3 to 5 p.m. at the Robeson Center on the University Park Campus. The presentations are:

-- July 3, **Collins Aribenbuwa**, assistant professor of health education, and **Cyril Griffith**, associate professor of history, both at Penn State;

-- July 10, **Justine Saunders**, Australian actress, and **Luz Maria Umperio-Herrera** of Western Kentucky University;

-- July 17, **Oliver St. Clair Headley** of the University of the West Indies, and **Melvin Heard** of the University of Illinois at Chicago;

-- July 24, **Ron-Guey Chu**, St. Lawrence University, and **Winston Richards**, associate professor of mathematics at Penn State Harrisburg;

-- July 31, **James Stewart**, Penn State vice provost.

College cited by DOE for summer program

The College of Earth and Mineral Sciences has received a grant and special plaque from the U.S. Department of Energy in recognition of its successful development of an innovative summer program to interest women and minority students in science.

Since 1988, the EMS Summer Institute held at University Park and Wallops Island, Va. has been a popular introduction to some out-of-the-ordinary science topics for 10th and 11th graders from George Westinghouse High School, Perry Traditional Academy, and the Secondary Saturday Science Academy in Pittsburgh.

The EMS program consists of a marine

science field program for 11th graders and an energy program that introduces 10th graders to oil drilling and the work of petroleum engineers, and to some ways technology is addressing environmental issues associated with coal.

The DOE Program is designed to "recognize and support exemplary programs that focus on assisting economically disadvantaged and minority students to prepare for science and mathematics programs," according to Melva G. Wray, director of DOE's Office of Minority Economic Impact.



Scholars in Residence

Taking part in a reception for the University's Scholars in Residence are, from left, Robert E. Dunham, vice president and vice provost, President Thomas, and Rufus S. Lynch, director of court management, Supreme Court of Pennsylvania. Dr. Lynch is teaching at the Penn State Delaware County Campus. (Photo: Greg Grieco)

Four proposals selected for Agriculture's research grants

Four proposals submitted to the College of Agriculture's Intercollege Research Grants Program have been selected for funding. The program allows faculty from the College of Agriculture to pursue research projects with co-investigators from other administrative units.

Of 34 proposals received, the following were funded:

"Rural Tourism and Its Potential for Economic Development in Natural Resource Areas," **Albert Luloff** and **Kenneth Martin**, Agricultural Economics and Rural Sociology; **Mary Saylor**, Agricultural and Extension Education; and **Alan Graefe** and **Richard Gitelson**, Leisure Studies.

"Molecular Basis of Glandular Trichome Resistance: Towards Environmentally Compatible Pest Management," **Diana Cox-Foster** and **Ralph Mumma**, Entomology; **Richard Craig**, Horticulture; and **June Medford**, Biology.

"Efficiency of Plant Root Systems: A Quantitative Approach," **Jonathan Lynch**, Horticulture; **Roger Koide**, Biology; and **A.G. Jabllok**, Mechanical Engineering. "Root Reactor Design for Scaled-Up Production of Pharmaceutical Proteins," **Paul Walker**, Agricultural and Biological Engineering; **Hector Flores**, Plant Pathology and the Biotechnology Institute; and **Wayne Curtis**, Chemical Engineering.

Two Administrative Fellows appointed for 1991-92

Appointment of two Administrative Fellows for 1991-92 has been announced by the Office of the President and the Commission for Women.

Silvia G. Cabrera, director of administrative services, Office of University Development, will serve under the mentorship of Steve A. Garban, senior vice president for finance and operations.

Catherine G. Lyons, director of the Center for Minority Graduate Opportunities and Faculty Development, will serve under the mentorship of John A. Brighton, executive vice president and provost of the University.

Ms. Cabrera joined the staff in 1988 as assistant director of administrative services in University Development. She was promoted to her present position in December, 1989.

She is a graduate of the University of Arizona with a degree in accounting. Prior to joining the University, she served as an internal auditor for Phelps Dodge Corporation, Douglas, Ariz., and was employed by several banks in Houston.



Silvia G. Cabrera

Dr. Lyons earned her bachelor's degree in home economics from South Carolina State College, Orangeburg, S.C., in 1970. She received her master's degree in



Catherine G. Lyons

education from Bank Street College of Education in 1975 and her doctorate in agricultural and extension education from Penn State in 1988.

An affiliate professor of agricultural and extension education, she has been a member of the University faculty for three years. She is a member of the Association of Agricultural and Extension Education, Phi Delta Kappa, Black Early Childhood Educators, and African-American Educators.

The Administrative Fellows Program is designed to provide an opportunity to enhance the administrative talents and qualifications of women and minorities by involving them in mentorship experiences with top-level administrators at the University.

The program provides opportunities for Fellows to participate in a wide range of decision-making processes, learning activities, and program management, so that they are better equipped to handle the challenges of higher education administration. The Fellows Program also will help create a pool of qualified women and minorities for potential administrative vacancies, both inside and outside the Penn State community.

Los Angeles Times reporter wins award

Thomas B. Rosenstiel, a reporter with the *Los Angeles Times*, was named the winner of the 1991 Lowell Mellett Award for outstanding media criticism during judging at University Park.

The \$1,000 award recognizes outstanding contributions to the improvement of print and broadcast journalism through responsible analysis or critical evaluation. It has been administered by the School of Communications since 1984.

Special citations were presented to Robert F. Keeler for his book *Newsday: A Candid History of the Respectable Tabloid*; Fred Friendly and the public television/Columbia University seminars on media and society for "The Other Side of the News" series, specifically the programs titled "The Boston Hoax - the Police, the Press and the Public" and "Television and Terrorists: Who Calls the Shots?"; and to KVUE-TV in Austin, Texas, for a series of "Truth Tests"

applied to candidates' commercials in a number of state political races.

"Mr. Rosenstiel is a gifted and unconventional media critic who consistently illuminates the influence of the press on politics," the judges said. They lauded Mr. Rosenstiel's "awareness of social and technological trends which provide a context for his insightful analyses on society."

The award was presented to Mr. Rosenstiel specifically for his articles on the role that media played in the overthrow of

Communist governments in Central Europe, for explaining the technological changes in the television industry that have turned anchors into living network logos at the scene of far-flung news events, and for his revealing articles on the pattern of media coverage in the early days of the Iraq-Kuwait crisis.

The Mellett Award, now in its 12th year, is named in honor of the distinguished Scripps-Howard editor and syndicated columnist who died in 1960.

Statement on President Thomas's compensation

Following is a statement from Board of Trustees President Marian U. Coppersmith Freedman:

In 1982, in a public meeting the Penn State Board of Trustees adopted a resolution that established current procedures to be followed in setting compensation for University senior executives. These have been followed since that time.

The Board authorized the president of the Board to determine within budgetary limits of the University compensation for the president of the University, the provost, the senior vice president for administration (this position was eliminated in 1989), the senior vice president for finance and operations, and the provost and dean of The Milton S. Eisenhower Medical Center (currently the senior vice president and dean of The Milton S. Eisenhower Medical Center).

The Board required the president of the Board of Trustees to consult with and receive the recommendation of the president of the University (except with respect to his or her compensation), the

vice president of the Board of Trustees, the chairperson of the Committee on Finance of the Board, and the immediate past president of the Board where that person is still a member of the Board. However, the decision with respect to compensation rests solely with the president of the Board acting in an administrative capacity.

These procedures were established in concert with a long-standing and carefully thought-out Board policy to respect the confidentiality of salaries in a manner that complies with legal requirements applicable to Penn State, including the Commonwealth's Sunshine Law. They are the procedures that were followed when Penn State President Joab Thomas was hired in September 1990.

Dr. Thomas, concerned about the recent discussions in the press regarding compensation for University presidents, has sought and received my approval to release the particulars of his personal compensation package with the University. This decision is consistent with current policy regarding the

confidentiality of salaries since it is a voluntary action on the part of Dr. Thomas. In concert with the procedures established by the Board, I authorized this after consulting with Mr. William A. Schreyer (vice president of the Board), Mr. Edward P. Junker (chairperson of the Committee on Finance), and Mr. J. Lloyd Huck (immediate past president of the Board).

The details of President Thomas's compensation package with the University follow: Dr. Thomas's annual salary is \$200,004. In addition, he, like his predecessors, is asked to live in the University's President's Residence and is provided an automobile. He participates in all the normal health and insurance benefits of the University. Regarding his retirement program, he participates in the Teachers Insurance and Annuity Association and College Retirement Equities Fund (TIAA-CREF) retirement programs. These plans are available to all Penn State employees as an alternative to the State Retirement System.

TIAA and CREF are non-profit

insurance and annuity companies whose membership is limited exclusively to employees of colleges and universities and related institutions. TIAA is a legal reserve life insurance and annuity company and returns a fixed annuity. Its companion CREF was established to provide benefits based on money market and common stock investments. Retirement income from membership in TIAA-CREF is determined by the amount of money that has been contributed to the account by the employee and the University, the age at retirement, and the performance of the TIAA-CREF investments. Therefore, there is no rule of thumb for calculating too far in advance the amount of the TIAA-CREF benefit that an individual might receive at the time of retirement.

Dr. Thomas contributes 5 percent of salary and the University contributes up to 15 percent of salary to TIAA-CREF, subject to Internal Revenue Code limitations. The University does not provide Dr. Thomas with any additional pension benefits.

Focus on the arts

The arts on Channel 3

The award-winning series *Antarctic Masters* returns to WFSX-TV for its sixth season of documentaries profiling the lives and achievements of some of our country's most influential cultural figures.

The series begins at 9 p.m. Monday, July 1, with "Helen Hayes, First Lady of the American Theatre." The program offers a loving tribute to the legendary actress once known as "the triple threat" for her work on stage, screen, and radio.

"Is there, in fact, a crisis in the arts?" This pivotal question is put to a panel of six experts by moderator Susan Strimberg, special correspondent for National Public Radio, in *Crisis in the Arts: Politics, Censorship and Money*, airing at 10 p.m. Monday, July 1.

Evening At Pop features the distinctive theater music of Leonard Bernstein on "Bernstein's Broadway," a showcase of songs from the late maestro's musicals airing at 8 p.m. Sunday, July 7.

'Diversions'

The Office of Summer Seasons is sponsoring semester-long "Diversions" activities at University Park.

The Music at Noon will be held at Fisher Plaza on the following dates:

Tuesday, July 2: Passport; Tuesday, July 16: Gordon Law; Thursday, July 18: Bruce Young; Tuesday, July 23: Richard Victor Quintet; Thursday, July 25: Pastor; Tuesday, July 30: Gordon Law; Thursday, Aug. 1: Chris Byrne; and Tuesday, Aug. 6: Bruce Young.

Ice cream "Divisions" will be held at the Creamery/Pavilion from 7 to 8 p.m. The cost is 50 cents with a coupon and \$1 without a coupon.

In addition, music will be provided on the following days with the listed musicians: Friday, June 28: Gordon Law; Friday, July 19: World Famous Little German Band; Friday, July 20: Gordon Law; and Friday, Aug. 2: Bavarian Stompers.

Bowling "Divisions" will be held at the Penn State Bowling Lanes located in Recreation Building from 7 to 9 p.m. or 9 to 11 p.m. The cost is \$1 with coupon and \$2 without a coupon, which includes games and shoes. Bowling will be held on Tuesday, July 23 and Tuesday, July 23.

Ice skating "Divisions" will be held from 8 to 11 p.m. Thursday, July 18, at the Penn State Ice Rink. The cost is \$1 with a coupon and \$2 without a coupon, which includes skate rental. For more information or assistance, please contact the Summer Sessions office at 863-4174.

Odyssey on WPSU

What fascinates Europeans about American literature is the subject of the next Odyssey Through Literature program, "A World Elsewhere."

Guest Peter Nicolson, a professor of English in Germany who has written critical works on such American authors Hemingway and Faulkner, says, "American



'Three Chrysanthemums and Butterfly,' a Chinese brush painting by Annette McHugh, is on display in Paffee Library.

authors, both in the 19th and the 20th centuries, have found it difficult to actually take hold imaginatively of the new continent, to possess the new continent."

"Cultures need other perspectives, like mirrors, in which to examine themselves," says John Balaban, a poet and professor of English at Penn State, on the July 11 "Odyssey Through Literature" program, "A Woman Alone on the Road."

Professor Balaban and host Leonard Rubinstein examine *Poets of Bulgaria*, an anthology of translations and adaptations of the works of 24 Bulgarian poets, all but two of whom are still living.

"Odyssey Through Literature" is produced by the Department of Comparative Literature in the audio-production studios of WPSU-TV. It airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Aboriginal art

"Karnta," a collection of Australian aboriginal women's art, is on exhibit until June 30 in Kern Galleries and from July 1 to 13 in Spruce Cottage at University Park.

The exhibit includes traditional and modern work in natural materials such as batik fabrics, paintings on bark, sand and canvas as well as baskets, bags and necklaces, and is sponsored by the Australian government and brought to the University by the Australian-New Zealand Studies Center.

"Australian aboriginal women's art is becoming recognized internationally as a significant art form," Hugh Compston, acting associate director of the Australian-New Zealand Studies Center, said. "Many of the paintings, fabrics and decorative items in this collection reflect symbols and myths from the 'Dreamtime,' a time long ago when the gods stalked the Earth."

The exhibit of women's art was organized by the Association of Northern and Central Australian Aboriginal Artists, which represents 20 art centers throughout

Western Australia, the Northern Territory and South Australia. The association was formed to ensure that the control of aboriginal arts remains with aboriginal people and to preserve the autonomy of existing community crafts centers.

For more information, contact Hugh Compston at (814) 863-1603.

Chinese brush paintings

"Birds, Rocks and Flowers," by Annette McHugh is on display in Paffee Library's West Lobby Gallery through July 15.

The exhibit features paintings by the artist in the centuries-old technique of ink on rice paper, used in traditional Chinese brush paintings.

Ms. McHugh majored in business education at Indiana University of Pennsylvania and began her formal study of art in 1980. Since then, her paintings have appeared in several juried shows throughout Central Pennsylvania and exhibited at the Chambers, Kern and the Hietzel Union Building Browning galleries. She is a member of the Art Alliance of Central Pennsylvania.

Fred Waring group

Members of the Fred Waring Elderhostel group who are attending a music and choreography workshop at University Park will perform a free concert at the conclusion of their session at 6:30 p.m. Friday, July 5, in Keller Building auditorium.

The group will sing a medley of old favorites. The public is invited.

Music at Penn's Woods

Guest conductor Peter Luckner will conduct the second concert of the 1991 Music at Penn's Woods festival at 7:30 p.m. Saturday, July 6, in Schwab Auditorium at University Park.

The program will include Bach's Concerto for Violin and Oboe, Dvorak's Symphony No. 8 in G, Op. 88 and Mozart's Symphony No. 29 in A. K. 201. Marthe DeVries, violin, and Barry Kroeker, oboe, are featured soloists in the Bach concerto.

Ms. DeVries is a member of the Kansas City Symphony Orchestra. Mr. Kroeker performs with the Pennsylvania Quintet, Penn State's resident wind quintet chamber ensemble. Both are members of the Music at Penn's Woods faculty.

Chief conductor of the Konzertensemble Salzburg, Mr. Luckner regularly guest conducts in Germany, the United States and Spain. He founded the Merck Chamber Orchestra of Darmstadt, Germany, and served as principal conductor for eight years.

In addition to the Saturday evening concert, free chamber recitals will be given at 3 p.m. Sunday, July 7, and 7:30 p.m. Wednesday, July 10, in the School of Music Recital Hall. Music at Penn's Woods, a program of the School of Music, is co-sponsored by the Office of Summer Sessions.

Tickets for Saturday's concert are \$6 for adults and \$4 for students. For more information, call Eisenhower Auditorium Ticket Center, open 8:30 a.m. to 4:30 p.m., Monday through Saturday, at (814) 863-0255.

Students to perform

Two groups from the Penn's Woods Institute will perform Saturday, July 6, at University Park.

Piano and organ students from the institute will perform at 10 a.m. and the institute orchestra will perform at 2 p.m. in the School of Music Recital Hall. The Penn's Woods Institute, composed of 35 outstanding high school musicians, is the latest addition to the Music at Penn's Woods faculty. Douglas Meyer, associate professor of music at Penn State and director of music at Penn's Woods, will conduct the orchestra.

The students, selected in a competitive process, represent Pennsylvania and surrounding states. During their week-long residency, students receive private instruction from the Music at Penn's Woods faculty, comprised of University instructors and other professional musicians. Students also attend music theory and history classes. Both concerts are open to the public.

Festival of the arts

The 1991 Central Pennsylvania Festival of the Arts is offering a wide range of activities and exhibitions in downtown State College and on the University Park Campus from Wednesday, July 10, through Sunday, July 14.

This year's festival will feature a juried sidewalk sale of 325 visual artists selected from the United States and 40 visual artists selected from Central Pennsylvania. Sidewalk sales will begin on Thursday, July 11, and will continue through Sunday, July 14.

The Arts Festival will offer the Crafts National 25 exhibit at the Zoller Gallery and Images '91 exhibit at the HUB Formal Gallery. Both exhibits will be open to the public for the entire month of July.

A special exhibit of original children's work from the Republic of Armenia in the Soviet Union, combined with the annual K-12 student exhibit, will be held at St. Andrew's Church.

In its continuing effort to foster art opportunities for persons with sight loss, the festival will offer the "Festival Eyes" program, Thursday through Saturday, July 11-13. Visually impaired visitors will be able to take guided tours of participating artists' booths with trained volunteers, ensuring that those with special needs benefit from the Festival.

Children and Youth Day, Wednesday, July 10, will feature workshops, performances and hands-on activities that relate to the theme: Creative Hands.

The performing arts program will feature more than 100 presentations on four stages

See 'Arts' on page 5.

University Park Calendar

June 27 --
July 14

Special Events

Thursday, June 27
Summer Sessions: music at noon, Fisher Plaza;
summer seminar, 3:30 p.m., Nittany Lion Inn

Friday, June 28
Summer Sessions, ice cream "diversions," 7-8
p.m., Creamery/Pavilion, jam, 9 p.m.-1 a.m.

Saturday, June 29
Music at Penn's Woods, 7:30 p.m., Schwab
Aud., Douglas E. Meyer, conductor.

Sunday, June 30
Shaver's Creek Nature Crafts, 1-2:30 p.m. Call
863-2000

Music at Penn's Woods: chamber music series,
3 p.m., Music Building Recital Hall.

Tuesday, July 2
Summer Sessions, music at noon, Fisher Plaza;
bowling "diversions," 7-9 and 9-11 p.m., Rec
Hall.

Wednesday, July 3
Summer Sessions, summer scholars, 3-5 p.m.,
Paul Robeson Cultural Center; HUB lawn film,
9 p.m.

Fireworks/stadium area (rain date July 4).

Thursday, July 4
Independence Day Holiday--no classes.
Music at Penn's Woods, 7:30 p.m., Recital
Hall.

Friday, July 5
Fred Waring Elderhostel concert, 6:30 p.m.,
Keller Aud.

Music at Penn's Woods, 7:30 p.m., Schwab
Aud.

Sunday, July 7
Music at Penn's Woods, 3 p.m., Music Building
Recital Hall

Tuesday, July 9
Summer Sessions, music at noon, Fisher Plaza;
architecture lecture, 4 p.m., 112 Walker.

Wednesday, July 10
Central PA Festival of the Arts, Children's
Day, Sidewalk Sales, through July 14.

Summer Sessions, summer scholars, 3-5 p.m.,
Paul Robeson Cultural Center; Music at Penn's



Guest conductor Peter Luckner will direct the second concert of the 1991 Music at Penn's Woods festival of 7:30 p.m. Saturday, July 6, in Schwab Auditorium.

Woods, 7:30 p.m., Music Building Recital Hall;
HUB lawn film, 9 p.m.

Thursday, July 11
Trustees meet at Schuylkill Campus, through
July 12.

10th annual Penn State Conference on Rhetoric
and Composition, through July 13.

Saturday, July 13
Music at Penn's Woods, 7:30 p.m., Schwab
Aud.

Sunday, July 14
Music at Penn's Woods, 3 p.m., Music Building
Recital Hall.

Public Radio

WPSU-FM 91.1
"All Things Considered," Monday-Friday, 5-
6:30 p.m.; Saturday and Sunday, 5-6 p.m.;
Morning Edition, Monday-Friday, 6-8 a.m.;
Weekend Edition, Saturday and Sunday, 11
a.m.-1 p.m. "Odyssey Through Literature,"

12:30 p.m. Wednesdays, with S. Leonard
Rubinstein, "Perspectives," 6:30 p.m. p.m.
Wednesdays, with Jeff Ballou, "Creative
License," 12:30 p.m. Thursdays, with Asa
Berlin and Pam Saulner

Conferences

Continuing Education

Keller Building

July 7-12. United Steelworkers of America
Gilbert Gall, chair, Chuck Herd, coordinator

July 8-12. Pa. Committee on Politics at Edgemoor
Richard Hindle, chair, Chuck Herd,
coordinator

July 7-12. Earth and Mineral Sciences
Westinghouse, John Lee, chair, Donna Ricketts,
coordinator

July 7-13. Fred Waring Adult Workshop, Peter
Kiefer, chair, Jack Sinclair, coordinator

July 7-13. Waring Elderhostel, Peter Kiefer,
chair, Jack Sinclair, coordinator.

■ July 8-20, 9-22, and 12-24. Soviet Science
Camp, Jerri Milson, coordinator

July 7-20. Ms. Wiz, J. Vasundhara, V. Varadan,
chair, Kathy Karchner, coordinator

July 7-26. Summer Engineering Scholars
Academy, Robert Pangborn, chair, Norm
Lathbury, coordinator

July 8-26. 1991 American Math Society
Summer Institute, Jerry Bona, chair, Norm
Lathbury, coordinator

July 7-Aug. 3. BEST Summer Program, Donna
Ricketts, coordinator

July 8-11. Eighth Penn State Read Conference
on Electrodeposition, Howard Pickering, chair,
Norm Lathbury, coordinator

July 8-12. Resources and Trends in Home
Economics for Educators, Cynthia Sovich,
chair, Donna Ricketts, coordinator

July 8-12. Electrical Systems and Maintenance
James Myers, chair, Norm Lathbury,
coordinator

July 8-Aug. 2. Nuclear Concepts and
Technological Issues, Candace Davison, chair,
Bill Sterner

July 8-26. Program for Improving Elementary
Science, Barb Impoliteri, coordinator

July 9-20. U.S. Chorus, Peter Kiefer, chair, Jack
Sinclair, coordinator

July 10-13. Rhetoric and Composition, John

Harwood, chair, Chuck Herd, coordinator

July 11-13. Minority Advanced Placement
Program, Dan Trevino, chair, Donna Ricketts,
coordinator

Exhibits

Kern Galleries

■ **Kernitz:** a collection of Australian
diagonal women's art through June '90, and
from July 1-13 in Spruce Cottage

National Cable TV Center/Museum
40 years of cable television exhibit, through
June 30

Pattee Library
East Corridor Gallery:
"Where is Reality?", photo collages by Stan
Miller, through July 5.

Lending Services Gallery:
Ted Heine, "Psychic Paintings," through July
15

Penn State Room:

■ **JRB:** 100 John R. Bracken and the
Development of Landscape Architecture at
Penn State, through Sept. 30.

Rare Books Room:

■ **"Marbled and Decorated Papers,"** through July
15

West Lobby Gallery:

Annette McHugh, "Birds, Rocks and Flowers,"
through July 15.

Zoller Gallery:

■ **"Metamorphosis of a Butterfly,"** sponsored by
Pa. Council on the Arts and Office of Summer
Sessions, through June 30

Tips

Information Penn State

Call 863-1234 press 1 and enter the number of
the message you wish to hear. Messages are
listed in the front of the telephone directories.
Other messages are Weather-234; Arts Line-
345; University Calendar-456.

■ Reflects an international perspective

Arts cont.

over the course of the five-day festival.
These events include: Chick Street Man, July
10; Helicon, July 11; Bell of
Pennsylvania Yellow Pages Jazz Mania, July
12; Penn State Reunion Bands from the
70s and 80s, July 13; and Jazz Legends,
July 14.

A special 25th anniversary gala, titled
"Paint the Town," will take place on
Sunday, June 30, at the Toftrees Resort in
State College.

The Central Pennsylvania Festival of the
Arts annually attracts more than 200,000
visitors during the five days of programs
and exhibitions.

Pattee exhibit

On display in Pattee Library's Lending
Services Gallery is an exhibition of acrylic
paintings titled "Psychic Paintings" by Ted

Heine. The works will be on display
through July 15.

Of the works, the artist remarks, "The
paintings were made in a state of psychic
automaticism. They have become maps of
the inner mind with the function of
bringing the inner mind to the outside
world."

HUB lawn films

The Hetzel Union Building is sponsoring
films for the summer semesters.

The films each begin at 9 p.m. on
Wednesdays: July 3, "Witches of Eastwick,"
July 10, "Who Framed Roger Rabbit?," July
17, "Outrageous Fortune," July 24, "Dirty
Rotten Scoundrels," and July 31, "The
Dream Team."

In case of rain, the films will be shown in
the HUB Assembly Room.

Biotechnology Institute receives grant

The Biotechnology Institute has been
awarded a five-year \$450,000 Training
Grant by the National Institutes of Health.

The award, which becomes effective July
1, will provide stipends, tuition and an
institutional allowance for three graduate
students the first year and six students per
year for the remaining four years of the
grant.

In making the award, NIH emphasized
the importance of multidisciplinary training
with the goal of producing a new cadre of
scientists capable of crossing traditional
academic boundaries.

The training grant will be administered
through the Biotechnology Institute which
will sponsor biotechnology seminars,
workshops, special courses and events for
the graduate student trainees.

In keeping with the interdisciplinary
nature of the grant, 33 faculty members

from 14 graduate programs participated in
the training grant proposal.

The training grant proposal steering
committee is composed of Jean Brencley,
professor of molecular and cell biology/
biotechnology, as principal investigator; and
Alfred Carlson, assistant professor of
chemical engineering; Hector Flores,
associate professor of plant pathology;
Allen Phillips, professor of biotechnology;
Jack Shannon, professor of plant
physiology, and David Tu, professor of
biotechnology.

The colleges of Agriculture, Engineering
and Science will support the training grant.

"The prestige of the training grant, the
additional stipends and the expertise here at
Penn State will allow us to recruit highly
talented students for this program," Dr.
Brencley said.

Symposium in molecular biology to be held July 24-26

The Tenth Summer Symposium in Molecular Biology, titled "Molecular Interactions in Plant Development," will be held July 24-26 at University Park. The symposium will focus on recent discoveries in plant genetics and molecular and cell biology and will address key questions about plant maturation processes, including how molecular events allow plants to respond to genetic and environmental signals.

Jeff Schell, director of the Department of Genetic Principles of Plant Breeding at the Max Planck Institute, Germany, will give the keynote address. The Thomas J. Watson Jr. Lecture in Molecular Biology, at 2:30 p.m. Wednesday, July 14, at 2:30 p.m. in Schwab Auditorium. His lecture will examine "Genes Involved in the Commitment of Plant Cells to Differentiation."

In addition to Schell, 16 scientists from universities and public and private sector research organizations in the United States, Germany, and England will speak at this year's symposium.

The 1991 Summer Symposium in Molecular Biology is supported by the Eberly College of Science and its departments, the Biotechnology Institute and Bioprocessing Resource Center, the Office of the Senior Vice President for Research and the Dean of the Graduate School, the College of Agriculture and its departments, and departments at the Milton S. Eisenhower Medical Center. This year's co-chairs are **Donald A. Bryant**, associate professor of molecular and cell biology, **Teh-hui Kao**, assistant professor of molecular and cell biology, and **June Medford**, assistant professor of biology.

Industry sponsors include Hershey Foods



Jeff Schell

Corporation, IBM Corporation, PPG Industries Inc., Schering Plough Research, Dekalb Plant Genetics, and SmithKline Beecham Pharmaceuticals.

Penn State's Faculty of the Summer Symposium in Molecular Biology has organized this symposium since 1982 to provide a forum for information and technology transfer and to establish collaborative research goals among university scientists, public and private sector research institutions, and industry. The keynote address is open to the public free of charge; only paid registered participants will be admitted to the remaining symposium sessions and events. For information, please contact Beverly LaPorte, symposium coordinator, in 329 South Frear Laboratory, University Park, Pa. 16802, or phone (814) 863-3696.

Annual rhetoric conference set for July 10-13

The 10th annual Penn State Conference on Rhetoric and Composition will be held Wednesday, July 10, through Saturday, July 13, at University Park.

Each year, the conference draws scholars and teachers from across the country for workshops, seminars and lectures, including a special seminar this year on "New Ideas for the Writing Classroom" and a symposium on the "History and Theory of Rhetoric."

The following lectures by nationally recognized scholars are open to the public.

Peter Elbow, professor of English at the University of Massachusetts, will give the keynote address, "Judging Versus Liking," at 10:30 a.m., Wednesday, July 10, in 104 Keller Conference Center.

Author of numerous essays on writing, literature and teaching, he won theaddock Award in 1985 for "The Shifting Relationships Between Speech and Writing." Among his recent essays is "The Pleasures of Voice in the Literary Essay."

Explorations in the Prose of Gretel Ehrlich and Richard Selzer."

John Schilt, professor of English at the University of Maryland, will speak on "The Writer's Foucault in Always a Fiction: When Critical Theory Travels to Composition," on Thursday, July 11, at 8:30 a.m. in 104 Keller. He has written on rhetoric, non-canonical literature, literary and composition theory, and women's studies. His latest work is the essay "Deconstructing Didion: Poststructuralist Rhetorical Theory in the Composition Class."

Linda Brodkey, professor of English at the University of Texas at Austin, will speak on "Making a Federal Case out of Differences," on Thursday, July 11, at 3:30 p.m. in 104 Keller. Author of *The Language in Metaphor*, she has written on adult literacy, composition and textual analysis.

James J. Murphy, professor of speech at the University of California-Davis, will

discuss "Old Rhetorics for the New," at 4:15 p.m. Friday, July 12, in 112 Kern Graduate Center. A specialist on the history of rhetoric, he has written articles, including "Implications of the Renaissance of Rhetoric in English Departments."

For more information, contact John T. Harwood at 865-4764.

Parting

Emma L. Bressler, food preparer in Housing and Food Services, has retired after 23 years of service.

Ms. Bressler first served on the maintenance staff cleaning offices and classrooms. Since 1965, she has been responsible for preparing meals for Redifer dining commons in South Halls.

During retirement, she plans to garden, take a trip to Canada and finish building her family's new home in Mont Alto.

Obituaries

Byron H. Ginter, 51, associate extension agent and county extension director for Huntingdon County, died May 14.

He joined Penn State Cooperative Extension in 1968 and served as assistant county agent in Cumberland County before being assigned to Huntingdon County. He was involved in county 4-H programs and dairy nutrition.

A native of St. Mary's, he earned a bachelor of science degree in agricultural and biological science from Penn State in 1963 and did graduate work in agricultural education at the University.

Joseph E. Shick, county extension agent for Lawrence County, died May 14. He was 55.

He was responsible for livestock programs for beef, sheep and swine production and for marketing programs for adults and youth, as well as handling agronomy projects.

In 1957, after earning a bachelor of science degree in animal science from Penn State, he was appointed assistant

Westmoreland County agent. He was later transferred to Lawrence County and was promoted to associate county agent in 1962. He was promoted to county agent in 1970.

Marshall R. Spayd, extension agent in Huntingdon County, died May 14. He was 53.

A specialist in solid waste management for Huntingdon, Fulton and Bedford counties, he also was responsible for conducting educational community development programs for youth and adults in those counties.

Mr. Spayd received a bachelor of science degree in music education from Penn State in 1962 and a master's degree in education in 1965.

Prior to joining Penn State Cooperative Extension as a 4-H agent, he taught music for 16 years in the Mount Union and Central Fulton school districts.

Staff Vacancies

■19229, Poison Information Specialist, Department of Emergency Services—Responsible to the coordinator, Poison Center, for providing information, making patient assessments and treatment recommendations pertaining to poisoning and toxicology to medical and nonmedical persons. RN with current FA License or B.S. degree in pharmacy plus up to 1 year of effective experience in emergency or critical care nursing or poison center experience required. Within 2 years of eligibility, must successfully complete the AAFCC certification examination for specialist in poison information. STAFF NONEXEMPT, GRADE 4.

■19905, Clinical Head Nurse, Department of Nursing Services—Responsible to the nursing manager and/or the assistant director of nursing services for performing a variety of nursing duties, as well as providing leadership to nurse clinicians and other patient care personnel. Requires a registered nurse with a current license to practice professional nursing in Pennsylvania, plus one to two years of effective nursing experience. BSN preferred. STAFF NONEXEMPT, GRADE 5.

News in Brief

Child care facilities

The summer 1991 edition of the *State College Area Child Care Facilities* listing is now available. Updated each semester, this publication includes information on about 30 different facilities which provide childcare in the immediate vicinity of the University Park Campus. Information includes hours of service, ages served, cost, enrollment size, and services provided.

The pamphlet, produced by the Graduate Student Association (GSA), is available free of charge. GSA, located in 111B Kern Building at University Park, is open Monday through Friday from 9 a.m. to 5 p.m. (including noon to 1 p.m.). 865-4211.

Summer Sessions seminars

The Office of Summer Sessions is sponsoring Summer Sessions at the Nittany Lion Inn, Fireside Lounge. A reception will be held at 3:30 p.m. prior to the talk at 4 p.m. on each scheduled day.

The dates, speakers and topics are: July 18, **Richard Robinett**, assistant professor of physics, "Physics of the Superconducting Super Collider"; July 25, **David Bressoud**, professor of mathematics, "Factoring Large Numbers: What Can We Do and Why Do We Care?"; and Aug. 1, **William Dunson**, professor of biology, "Ecotoxicology and the National Ecological Debt: Effects of Acid Rain and Strip Mines on Aquatic Life."

Focus on Research

Intercom
June 27, 1991

AIDS may pose a threat to the future of Native American Indians

Cultural practices that may expose a major portion of the Native American Indian population to AIDS and the HIV virus may also limit prevention measures, according to a University study.

The objective of the study, conducted by L.A. Napier, assistant professor of education, and G. Mike Charleston, associate professor of education, was to determine the best way to get AIDS prevention knowledge to American Indian out-of-school youths.

The study is titled "An Indian Plan for Addressing AIDS Education for Out-of-School and College-Aged Indian Youth for the Centers for Disease Control and the Indian Health Service."

"The study reveals that Acquired Immunodeficiency Syndrome is on the increase among American Indians, that cultural practices may contribute to that increase, and that Indian versus non-Indian cultural pressures and high numbers of school drop-outs make implementing preventative education programs especially difficult," Dr. Napier said.

According to the study, 56 percent of Native American Indian males with AIDS and 70 percent of the females were under age 35 in 1989. By comparison, only 21 percent of all U.S. diagnosed AIDS cases have been people between the ages 20 to 29.

"The spread of AIDS may become prominent among young Native American Indians, because they make up the largest segment of the Indian population," she noted.

As America's smallest minority group, Native American Indians comprise 0.8 percent of the U.S. population, according to the 1990 U.S. Census. But about 64 percent of the Indian population consists of individuals under age 30. Of the total U.S. population, 50 percent is under age 30.

In November 1989, only 150 American Indian AIDS cases were reported, but the number was up nearly 90 percent over the 80 cases reported in October of the previous year. As of April 1991, about 248 American Indian AIDS cases have been reported.

The study suggests that preventive education programs can be effective in helping reduce the potential of an epidemic. But most preventive education programs are based in schools, and high school drop-out rates exceed 50 percent on some American Indian reservations.

"Because of extreme poverty and the fact that adolescent Indians have to deal with non-Indian and Indian value systems in addition to the normal adolescence process, life can get tough really fast and tough at a young age," Dr. Charleston, a member of the Choctaw Nation of Oklahoma, said. "That may be why the American Indian population has the largest



L.A. Napier (left) and G. Mike Charleston

(Photo: Greg Grieco)

number of high school-aged youth out of school of all groups in the United States."

Previous studies have shown that young American Indians have higher patterns of early sexual activity and drug abuse than other youths. In addition, cultural practices may make young Indians more vulnerable to AIDS.

"Health officials say more than 4 percent of Indian adolescents in grades seven to 12 have tried heroin compared to less than 1 percent of non-Indian youth," Dr. Napier, a member of the Cherokee Nation of Oklahoma, said.

"This high level of substance abuse places this population at much greater risk of AIDS from injection and from unsafe sexual behaviors while under the influence of alcohol and drugs than the same-aged group in the general population."

In addition, common Indian practices such as tattooing and ear piercing, not discussing human sexuality openly in the family and participating in traditional ceremonies, such as the Sun Dance that may involve skin punctures, place Indians even more at risk of contracting AIDS.

The researchers have outlined a number of ways to implement preventive education programs that draw

on the strengths of a local reservation's cultural and social structures. Those recommendations have been presented to the Centers for Disease Control and the Indian Health Service.

Some of their recommendations include establishing a nationwide American Indian AIDS advisory council with each member serving a geographical region, and selecting local advisory groups comprised of elders, students, health workers, educators, traditional medicine healers, tribal officials and members of the target group.

Other recommendations include involving Indian media in the dissemination of AIDS information; establishing anonymous HIV/AIDS testing sites; giving attention to cultural considerations in the writing of AIDS prevention literature; providing the means to effectively support AIDS victims; anonymously distributing recommended condoms with nonoxynol-9 lubricant spermicide; and dealing with the discrimination of AIDS-infected individuals.

"These are methods that can best enable American Indians to work with the Centers for Disease Control and the Indian Health Service to develop programs that address problems specific to American Indians," Dr. Napier said.

— Aaron Singleton

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. **APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304).** Applications for these staff vacancies will be accepted until July 5. **DO NOT CONTACT THE AREA THAT HAS THE VACANCY.** Applications for staff vacancies are considered in accordance with Fair Employment practices (FEPS-1) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as disabled or Vietnam era veteran).

■01558, Director of Student Information Systems, Academic Services, University Registrar, University Park Campus—Responsible to the university registrar for the design and implementation of all computer and information systems for the Office of the University Registrar. Requires master's degree or equivalent in management or computer science plus five to ten years of effective experience in managing information systems. A particular knowledge of current technologies applicable to the maintenance of academic records. This position requires exceptional ability to effectively communicate with both technical and non-technical audiences. **STAFF GRADE 6.**

■01559, Assistant Director, Housing and Food Services, University Park Campus—Responsible to the director of Housing and Food Services, CES for the management and supervision of residence halls and food services operations at Altoona, Berrend Beaver, Berks, Hanaford, Hazleton, Mt. Export, and Mount Alto Campuses. Requires bachelor's degree or equivalent in hotel food management or institutional management plus five to ten years of effective experience. Note: 60 percent travel required. This position is based at University Park. **STAFF GRADE 8.**

■01560, Supervisor, Central Control System, Office of Physical Plant,

Maintenance and Operation, University Park Campus—Responsible to the manager, Mechanical and Electrical Trades and Second Shift Operations, for the supervision of the Central Control System operation. Requires bachelor's degree or equivalent in engineering with two to four years of effective experience in operating and maintaining a central control system involving heating, ventilation, refrigeration, air conditioning, design construction and supervision. **STAFF GRADE 7.**

■01561, Food and Beverage Service Supervisor, Nittany Lion Inn, University Park Campus—Responsible to the food and beverage manager for overall supervision and management of the main dining room at the Nittany Lion Inn. Requires associate degree or equivalent, in food service field plus two to three years of effective experience in supervision in a successful food service operation. **STAFF GRADE 6.**

■01562, Technical Illustrator, Applied Research Laboratory, ARL Administration, University Park Campus—Responsible to the manager, Communications Support Services, for conceiving, designing and illustrating various artwork and charts for use in technical publications, reports, brochures and presentations. Requires bachelor's degree or equivalent in art, engineering, graphics or related field plus one to two years of effective experience, including working knowledge of computer illustration and graphics, preferably with Macintosh computers and illustrating software such as MacDraw, ADOBE ILLUSTRATOR and PAGEMAKE. U.S. citizenship required. **STAFF GRADE 5.**

■01563, Programmer/Analyst A, Vice President for Business and Operations, Management and Systems Engineering, University Park Campus—Responsible to the Manager, Systems Engineering for the design, development and implementation of innovative data processing systems. Requires bachelor's degree, or equivalent, in a computer-related field plus two to four years of effective experience in computer programming and systems design. Ability to communicate orally and in writing is required. This is a fixed-term position funded through June 30, 1992. **STAFF GRADE 7.**

■01564, Research Project Associate (Instructional Designer), CES-CE, Planning Studies, University Park Campus—Responsible to acting director, Planning Studies, for planning, coordinating and conducting research and development activities related to continuing professional education. Requires master's degree, or equivalent, in the social sciences or education, excellent interpersonal, research, and writing skills, and two to four years of effective experience. This is a fixed-term position funded through June 30, 1992. **STAFF GRADE 7.**

■01565, Athletic Concessions Supervisor, Intercollegiate Athletics, University Park Campus—Responsible to the building coordinator and concessions manager for the supervision and coordination of athletic concession activities. Requires associate degree or equivalent, plus over two years of effective experience. This is a fixed-term position funded through January 31, 1992. **STAFF GRADE 5.**

■01566, Administrative Assistant, School of Business Administration, Penn State Harrisburg—Responsible to the director of the School of Business Administration for providing administrative services to faculty and students. Requires bachelor's degree or equivalent, plus one to two years of administrative experience, preferably in an academic environment. **STAFF GRADE 6.**

■01567, Assistant to the Director of Student Programs and Services, CES, Student Programs and Services, Berks Campus—Responsible to the director of student programs and services for the implementation and coordination of the student activities program. Requires bachelor's degree or equivalent, plus one to two years of effective experience or master's degree in student personnel administration, counseling, or related field plus one year of related experience. **STAFF GRADE 6.**

■01568, Microcomputer Systems Consultant, Computer and Information Systems, Center for Academic Computing, University Park Campus—Responsible to the manager, Education and Publications, for scheduling, organizing, and supervising computer training for students. Requires bachelor's degree or equivalent in

computer science, instructional design information systems, or equivalent, and one to two years of effective experience, as well as strong background in user support, computer documentation, and instructional design, and excellent communication skills, including the ability to communicate technical information to non-technical audiences and demonstrated organizational abilities. **STAFF GRADE 6.**

■01569, Development Assistant, Division of Development and Engineering, University Park Campus—Responsible to the director of development, College of Engineering, for assistance in the organization and implementation of fund-raising programs and related activities in the College of Engineering. Requires bachelor's degree or equivalent, plus one to two years of effective experience in public relations, fund raising, or related field. Proficiency in verbal and written communication skills is highly desirable. Willingness to travel is essential. This is a fixed-term position funded through June 30, 1992. **STAFF GRADE 6.**

Hershey

For the following position vacancies apply directly to The Milton S. Hershey Medical Center. Attach resume with cover letter indicating the position vacancy code and forward to the Department of Human Resources. Hershey, Pa. call the Hershey bid line at (717) 531-8531 by July 5.

■17555, Flight Paramedic, Medical Flight Services—Responsible to chief flight nurse for assessing and implementing the care of a designated group of patients. Requires a high school graduate plus completion of a two-year paramedic program and certification at a Paramedic II by the State of Pennsylvania, plus 9-12 months of effective experience. **STAFF GRADE 3.**

■17559, Manager, Volunteer Services, Department of Volunteer Services—Responsible to the hospital director for the overall development and administration of Volunteer Services. Requires a bachelor's degree or equivalent in social science or health care administration, plus 2 to 3 years of effective experience in working with a

hospital volunteer program. **STAFF GRADE 6.**

■17562, Assistant Director, Planning and Health Services Advancements—Responsible to the director of planning and health services advancement for various marketing and outreach activities to include marketing communications, special events and promotions, and oversight for the Children's Miracle Network, Television and the Center for Health Promotion. Requires a bachelor's degree or equivalent in business marketing, communications or a related field, plus 4-5 years of effective experience. A master's degree preferred. **STAFF GRADE 8.**

■17562, Chief of Security, Department of Safety and Security—Responsible to the director, Safety and Security, for directing all security activities within the College of Medicine and University Hospital. Requires a bachelor's degree in police administration/ law enforcement, police science, criminology or equivalent plus at least 4 years of effective experience with at least 2 years of supervisory experience. Previous formal security law enforcement training preferred. **STAFF GRADE 7.**

■17570, Security Supervisor, Department of Safety and Security—Responsible to the Chief of Security for overseeing the Medical Center security functions, covering a 24-hour time period. Requires a bachelor's degree in a security related field or equivalent plus two to four years of effective experience with at least one year of supervisory experience. **STAFF GRADE 6.**

■19179, Flight Nurse (Staff Nurse), Department of Medical Flight Services—Responsible to the manager, Flight Services, for assessing the needs of critically ill and injured patients, rapid recognition and clinically accurate intervention of life threatening emergencies prior to and during aeromedical transport. R.N. with current license to practice professional nursing in PA plus 1-2 years recent effective R.N. experience in emergency department or critical care unit plus certification in nursing specialty (CCRN or CEN) required. Health Professional status in PA, PALS, ACLS, previous flight experience preferred. **STAFF NONEXEMPT GRADE 4.**

See "Vacancies" on page 6

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William E. Campbell Jr., Editor
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INTERCOM

July 11, 1991

Volume 20, Number 37



Nittany Lion Inn addition

Construction continues on an addition and renovations to the Nittany Lion Inn at University Park. The expansion, which will provide space for 136 more guest rooms, also will include a 500-seat ballroom and an enclosed dining pavilion. (Photo: Greg Grieco)

Projects selected for Faculty Technology Initiative Programs

A major classroom technology project requested by a team of faculty and the College of Earth and Mineral Sciences administration was one of six information technology projects selected for the Faculty Technology Initiative Programs by the CBEL Advisory Committee and the CBEL Teaching and Learning Technologies Group within the Center for Academic Computing.

The EMS project targets the classroom and use of information technology by faculty to enhance the delivery of instruction. The lead member of the faculty team is **Alistair B. Fraser**, professor of meteorology.

Other awards included a new project that combines enhancement of instruction with research on glossing of literary texts read in a foreign language. **James N. Davis** and **Mary Ann Lyman-Hager**, of the French Department, submitted the proposal for this computerized glossing project. It received the loan of a PS/270 portable system with the full academic bundle of software and a printer—provided by IBM. The award also included funds for release time.

Jon Nese, assistant professor of environmental science at the Penn State Beaver Campus, also received the loan of

an IBM PS/2 70 workstation and academic software bundle for his proposal on the use of "Real-time Meteorological Data in the Classroom." One of the goals of the project is to develop a collection of weather maps for use at a number of University campuses.

Two other projects were selected for CBEL support and for recommendation to the Apple Computer Development Program. **Peggy Seiden**, librarian at the New Kensington Campus, and **Mary Ellen Litzinger**, librarian at University Park, will be collaborating on a computer-based Business Information Consultant Project. Also selected is a continuation project by **William A. Jester**, professor of nuclear engineering, on the "Writing of Technical Laboratory Reports."

A proposal for a software search for a Biochemistry 001 project was accepted from **Walter W. Karakawa**, associate professor of biochemistry.

CBEL received a total of 15 faculty proposals for integration of information technology into the teaching and learning environment in the Spring, 1991 proposal cycle. Faculty members are encouraged to contact CBEL for consultation on ideas for information technology integration for the Fall, 1991 program.

Institutional advancement programs are judged best

For the third time in five years, the University's "institutional advancement" programs — fund raising, public relations, alumni relations, student recruitment and publications — have been judged best in North America by the Council for Advancement and Support of Education (CASE).

CASE's "grand gold" award for overall top performance will be presented to **G. David Gearhart**, senior vice president for development and university relations, during CASE's annual assembly July 15 in Montreal. CASE, which represents more than 1,800 colleges and universities throughout the U.S. and Canada, gave the same top award to Penn State in 1987 and 1988.

"We are delighted to see such recognition accorded our advancement team," President Thomas said. "The leadership of the University's Division of

Development and University Relations, the Office of Undergraduate Admissions and other related units has been instrumental in attracting the resources and public support that have helped to move the University into the ranks of the nation's best."

In addition to the overall grand gold, Penn State won two grand gold medals in CASE's four major categories, as follows:

- Overall Student Recruitment Programs, submitted by **Scott F. Healy**, assistant vice president and director of admissions; and **Mark J. Meckstroth**, campus liaison, Office of Undergraduate Admissions.

- Overall Institutional Relations Programs, submitted by **Roger L. Williams**, assistant vice president and executive director of University relations; **Karen A. Rugh**, director of University relations; and **William M. Mahon III**, director of public information.

The University also won a major award

in the educational fundraising category: a CASE/USX Achievement in Mobilizing Support Award for "standards for excellence in total development effort."

The entry was submitted by **Bradford E. Choate**, associate vice president for development and university relations.

The Department of Publications, directed by University Editor **Jeffrey T. Hermann**, won five awards:

- A gold medal in "individual fund-raising special constituency publications," submitted by **Gynthia B. Hall**, manager of marketing and advertising, and **Marilyn Shobaken**, art editor, for a brochure positioning the Philadelphia-area campuses for a major gifts campaign;

- A gold medal in "visual design in print," submitted by **Rick Villastigro**, designer, and **Catherine Grigor**, production coordinator, for the A.E. Bye Exhibition Book prepared for the Palmer

Museum of Art. They also won a silver medal in the same category for the A.E. Bye Exhibition Poster.

- A bronze medal in the "designer of the year" category, won by **Lawrence A. Krezso**, graphic designer.

- A bronze medal in "individual alumni relations publications," submitted by **Gretl Collins**, designer, and **Mary Beth Carlin**, production coordinator, for a keepsake for alumni returning for the 50th reunion.

Other awards won by University offices:

- A gold medal in "periodical staff writing," submitted by **Nancy Marie Brown**, editor, *Research Penn State*, for the December 1990 and March 1991 issues of the magazine. She also won a silver medal

- in "special interest magazines" for the March 1991 issue of *Research Penn State*.
- A silver medal in "special interest magazines," submitted by **Tina M. Hay**.

See 'Awards' on Page 3.

Focus on Diversity

Applied Research Laboratory participates in GEM program

The Applied Research Laboratory's membership in the National Consortium for Graduate Degrees for Minorities in Engineering (GEM), is paying major dividends.

Les Johnson, ARL's first GEM fellow, has just joined the laboratory as a research assistant in the Manufacturing Science Department.

Mr. Johnson, a graduate of the University of Pennsylvania, served an internship at ARL last summer while a master's degree candidate in mechanical engineering at Penn.

ARL joined the GEM consortium, a nonprofit organization of corporations and universities who share concerns about equal opportunity, in 1989.

For 15 years GEM has worked to increase the number of ethnic minority students entering graduate engineering studies and completing advanced degrees. One of the consortium's strategies is to send the GEM fellows to member employers' worksites for summer

internships which give the fellows practical engineering experience and financial support during their graduate studies.

In the program, employers individually assign interns to supervisors, who are experienced engineers and scientists. The supervisors, picked according to their interest and commitment to the program, offer guidance, support, and assistance throughout the fellows' assignments.

Penn State participates in all three of the consortium's advanced degree programs: master's in engineering, doctorate in engineering, and doctorate in natural science. As a member employer of the consortium, ARL offers summer internships to GEM fellows in these programs.

This summer, two new GEM fellows are interning at ARL. **Cassandra Gentry**, is working with **Thomas Hughes**, research associate, in the Power and Mechanical Systems Department, and **Wanda Thompson**, is working with **Ronald Gibson**, research engineer, in the Systems Analysis and Simulation Department.



Current and former National Consortium for Graduate Degrees for Minorities in Engineering (GEM) fellows at the Applied Research Laboratory are, from left, Wanda Thompson, Cassandra Gentry, and Les Johnson.

News in Brief

University Park blood drives

Blood drives at University Park will be held from 11 a.m. to 5 p.m. Tuesday, July 16, in the HUB Ballroom, and from 10 a.m. to 4 p.m. Wednesday, July 17, in Room 101 Kern Building.

To pre-register for the HUB drive, call the Red Cross at 237-2713. For Kern, call the Graduate Student Association office at 865-4211.

Weight Room orientation

The Recreational Sports Fitness Program is offering weight room orientations for employees at University Park who are interested in learning to use the weight rooms on campus. Each orientation session is scheduled one-on-one at the employee's convenience. To receive a registration form or more information, call the Recreational Sports Office at 865-5401.

IDP seminars

The Instructional Development Program (IDP) has scheduled the following seminars on instructional improvement for graduate teaching assistants, interested faculty, staff, and students: From 7 to 8:15 p.m. Tuesday, July 18, in Room 314 Boucke Building, "Measurement (Testing) and Evaluation (Grading)" addresses the issues of constructing and grading exams. From 7 to 8:15 p.m. Monday, July 22, in Room 109 Boucke, "Encouraging Critical in Problem Solving Classes" provides

suggestions on how to move beyond a "monkey see, monkey do" approach and begin to teach students how to think critically.

Registration forms can be obtained from department offices, the IDP office in 401 Grange Building, or the HUB and Kern desks. Registration also is possible by telephone, at 863-2599.

"Capitalizing on Culture"

Diane Buck Briscoe, assistant professor of adult education at the University of South Florida, will discuss "Capitalizing on Culture: Implications for Learning in the 21st Century" at noon Friday, July 19, in Room 101 Kern Building at University Park.

Her presentation, sponsored by the Adult Education Program and the Summer Sessions Office, will provide highlights of research findings on cultural approaches to learning.

Summer meetings

A series of summer meetings on lasers and materials processing at Penn State is being held at University Park.

Purpose of the meetings is to foster communication and collaboration between various groups conducting research, or having interest, in lasers and materials processing.

At 3:30 p.m. Thursday, July 25, in Room 112 Walker Building, Seyoon Bang will discuss "Multiple Reflection Effects in Laser Cutting." Henry E.

Watson will provide an "Overview of Applied Research Laboratory Laser Research," and Paul E. Denney will give a tour of the Applied Research Laboratory Laser Facility.

At 3:30 p.m. Tuesday, Aug. 20, in Room 112 Walker, speakers will be Subhansu Roy, "3-D Conduction Model for Laser Scribing," and Kamlesh Mundra, "Laser Vaporization of Metals and Alloys."

Microsoft demonstration

Jeff James of the Microsoft Corporation will demonstrate some of the finer features of the Microsoft Windows 3.0 operating environment from 1:15 to 4 p.m. Thursday, July 25, in the HUB Assembly Hall at University Park. The demonstration is sponsored by Management Services' Administrative Training and Support Center.

Nursing scholarships

Undergraduate freshman or sophomore nursing majors may still apply for two- and three-year nursing scholarships with the Army ROTC program. The deadline has been extended to Aug. 1.

For more information, contact Captain Anzuresleviz at University Park (814) 863-0368. Army ROTC scholarships pay tuition up to \$3,750 per semester; a flat rate of \$225 per semester for books; reimburses fees up to \$350 per year, and pays the student \$100 (tax free) per school month up to \$1,000 per year.

WPSX-TV program

Roots: A Pennsylvania Story, airing at 10 p.m. Friday, July 12, on WPSX-TV, with repeat broadcasts at 2:30 p.m. Saturday, July 13, and 1 p.m. Monday, July 15, documents the 51st reunion of an African American family from Huntingdon, Pa.—a predominantly white, rural town.

Family members from across the United States travel to Huntingdon once a year to visit, picnic, attend church together and update family records. The 60-minute documentary, produced by WPSX-TV's Rural America Documentary Unit (RADOC), captures all the laughter and love of this annual event.

Diversity Calendar

Monday, July 15

Paul Robeson Cultural Center, 8 a.m. to 9 a.m., Paul Robeson Cultural Center. Open forum with Dr. James B. Stewart, vice provost for underrepresented groups. Free coffee and doughnuts will be served.

Wednesday, July 17

Penn State Summer Sessions, 3 to 5 p.m., Paul Robeson Cultural Center. Presentation by Dr. Oliver St. Clair Headley and Dr. Melvin Hears.

Penn State Harrisburg, noon to 1 p.m., the Downtown Center. Lecture titled, "Social Conflict: The Ethnic Dimension," by Dr. Clem E. Gilpen.

Wednesday, July 24

Penn State Harrisburg, noon to 1 p.m., the Downtown Center. Lecture titled, "The Impact of Pennsylvania's Latino Population on the Public Education System," by Dr. Ray N. Melecio.

Appointments



Mark C. Borger



Annette M. Cremo



Kenneth M. Cutler



Michael E. Hall

Mark C. Borger and Annette M. Cremo have been named area representatives for continuing education at Penn State Harrisburg.

Mr. Borger, former marketing representative and channel manager for True Temper Hardware, will have responsibilities in the areas of business and economic development.

He holds a B.A. from Penn State and is a member of the International Association of Business Communicators, the American Society for Training and Development and the Association of Incentive Marketing.

Ms. Cremo, a former independent educational consultant, will be responsible for representing the College in the areas of training and development and community-based programs.

A specialist in program development administration and training, she holds a bachelor of social sciences degree and master's of education in training and development from Penn State.

Ms. Cremo is president-elect of the American Society for Training and Development, a governing board member of the Pennsylvania Coalition for Adult Literacy and a member and former president of Delta Tau Kappa, national social science honor society.

Kenneth M. Cutler, assistant athletic director and director of athletic development at Virginia Commonwealth University in Richmond, has been named director of development for athletics at Penn State.

He will be a member of the University Development staff, a position comparable to that of other fund-raising professionals serving the University's academic colleges and the Milton S. Eisenhower Medical Center.

One of his immediate priorities will be to work with the development and athletic staffs on the current campaign to raise \$20 million in private funds to help build a new academic/athletic convocation and events center at University Park. The facility, expected to seat more than 16,000, has a price tag of \$50-\$55 million. The state legislature has already authorized \$33.8 million for the project.

A native of Brooklyn, N.Y., Mr. Cutler has a bachelor's degree in communications/mass media from Queens College in New York and a master's degree in sports administration from Ohio State University. Prior to joining VCU, he was director of public relations and director of marketing for the Richmond Braves baseball team.

Private contributions to the University's intercollegiate athletic programs totaled about \$4.4 million last year, the second-

highest total ever. The department oversees 28 intercollegiate sports for men and women and has one of the largest intramural sports programs of any university.

Michael E. Hall has been named assistant director for counseling in Career Development and Placement Services (CDPS). In this capacity, he will be responsible for the planning and management of career counseling activities for the University's centralized Career Development and Placement Services.

For the past two years, Mr. Hall has served as a graduate assistant counselor with CDPS. Previously, he was a teaching assistant in the Department of Counselor Education, Counseling Psychology and Rehabilitation Services Education. Mr. Hall served for eight years as a school psychologist with the Columbus, Ohio Public Schools.

Mr. Hall holds an M.Ed. degree in school psychology from Bowling Green University and a B.A. in psychology from Ohio Wesleyan University. Presently he is working toward completion of a Ph.D. in counseling psychology at Penn State.

Carl Mitcham, associate professor of philosophy and science, technology, and

science, has been appointed director of the Science, Technology, and Society Program.

The Penn State STS Program, one of the first three in the United States, was established on an experimental basis in 1969 and became a part of the College of Engineering last year. Today it is one of the most broadly focused programs in the country, encompassing technological perspectives, as well as social science.

Dr. Mitcham, an internationally recognized scholar in the philosophy of technology, has focused his recent research on ethical issues, including professional engineering ethics. He currently is completing a study of engineering ethics codes from outside the United States and has developed a class on engineering ethics. Since coming to Penn State, he has helped develop a Peace and Conflict Studies component in the STS Program and chairs a community/university advisory committee overseeing that effort.

Dr. Mitcham came to Penn State as an STS visiting professor in 1989 and acted as interim director of the program from 1990-91. Prior to that, he was a visiting scholar at the University of Puerto Rico. Mayaguez. He has held several academic positions, including that of associate professor of humanities from 1982-89 at the Polytechnic University (Brooklyn).

International conference is scheduled

An international conference on "Democracy in Mainland China and Taiwan: Prospects for Unification," sponsored by the Center for East Asian Studies, will be held July 16-18 at the Ahterton Hilton Hotel in State College.

Participants will include well-known scholars, business executives and government officials from the People's Republic of China, Republic of China on Taiwan, Korea, Japan, Germany and the United States.

Keynote speeches will be given by James R. Lilley, who recently completed his assignment as U.S. Ambassador to China, and Mou-shih Ding, who is Taiwan's ranking diplomat in the United States.

Mr. Lilley's speech, "The United States and China: The Past Two Years and the Next Two Years," will be given at noon Tuesday, July 16, in the Ahterton Hilton. Dr. Ding will speak on "Constitutional Reform and the Mainland China Policy at the Republic of China" at 6:30 p.m. Wednesday, July 17, in the Nittany Lion Inn at University Park.

Both lectures are free to the public, but reservations are required through the Center for East Asian Studies. For further information or to make reservations for the keynote addresses, please contact Parris Chang at (814) 865-1698 or Martin Lasater at (814) 863-0790 by Friday, July 12.

Awards

Continued from Page 1.

assistant to the dean for communications, College of Health and Human Development, for Health and Human Development Research.

— A bronze medal in "student involvement programs and projects," submitted by **Sharon Mortensen**, assistant director, Campus Life Assistance Center, for a student counselors program.

Carpooler

Rita is looking for a ride from McAlvey's Fort to University Park. Work hours are 8 a.m. to 5 p.m. Call 865-0423.

School accredited

The School of Nursing has been re-accredited by the National League for Nursing.

The school received continuing full accreditation for eight years for both its undergraduate and graduate programs.

"We are pleased to have this vote of confidence from the NLN," President Thomas said. "It represents the league's highest form of accreditation over the maximum time period permitted."

NLN accreditation involves an intensive self-study by the school, with site visitors examining all aspects of the nursing program and of University life at all locations, including Commonwealth Campuses.

Focus on the arts

'Art to Go' exhibit

In continuation of the successful collaboration between Peoples National Bank and the Palmer Museum of Art, July's "Art to Go" exhibition in the lobby of the Calder Way and Allen Street branch will present Maurice Brazil Prendergast's painting "Children in the Park, Twilight," 1908.

Since its arrival at the Palmer Museum of Art through the generosity of Eugene Prendergast, sister-in-law of the artist, "Children in the Park, Twilight" remains a primary example of America's involvement with turn-of-the-century European styles.

The public is invited to view this small oil on panel through the month of July. "Art to Go," conceived by the Friends of the Palmer Museum of Art, allows the museum to better expose its collection to the community while its new wing is under construction.

'Nonsense'

As part of Pennsylvania Centre Stage's production of "Nonsense," the "Little Sisters of Hoboken" will sponsor free bingo games prior to each performance (weather permitting) in the courtyard outside The Playhouse at University Park Campus.

The games will begin at 7:15 p.m. before evening performances and at 1:15 p.m. before Saturday matinees, and will run approximately 30 minutes. Winners will receive prizes.

Lemonade and cake—Angel Food and Devil's Food—will be available for a donation during intermission.

In addition to refreshments, the nuns will be selling "Nonsense" t-shirts during intermission.

"Nonsense," a musical by Dan Goggin, runs through July 20 at The Playhouse Theatre. For tickets, call Eisenhower Auditorium Ticket Center at (814) 863-0255 Monday through Saturday, 8:30 a.m. to 4:30 p.m.

The arts on Channel 3

"Andre's Mother," the award-winning provocative drama by Terrence McNally about denial and acceptance following the death of a young man to AIDS, will have an encore broadcast on American Playhouse at 9 p.m. Friday, July 12, on WPSX-TV.

The drama stars Haviland Morris, Sylvia Sidney, Richard Thomas and Sada Thompson. It was directed by Deborah Reinisch, and co-produced by Ms. Reinisch and Sarah Green.

The band that has been introducing audiences to the magic of traditional Irish music for more than 25 years joins guest star actor Burgess Meredith for an evening of Celtic melodies when "The Chieftains and Burgess Meredith" star in *Evening At Pops* at 8 p.m. Sunday, July 21.

Backed by the Boston Pops Orchestra, the Chieftains play selections from their scores to the films "Treasure Island" and "Tristan and Isolde," then go it alone on the romping "Drowsy Maggie," and are joined



Michael Dennis will present "Recent Work" at 4 p.m. July 18 in 112 Walker Building.

by tap dancer Jean Butler and Boston Symphony Orchestra hornplayer Richard Sebring for the humorous "Planxty Mozart" ("Here's Mozart").

Music at Penn's Woods

William Henry Curry, resident conductor of the New Orleans Symphony, will conduct the Music at Penn's Woods concert at 7:30 p.m. Saturday, July 13, in Schwab Auditorium at University Park.

Music at Penn's Woods, a program of the School of Music, is supported in part by the Office of Summer Sessions. Penn's Woods unites gifted professional and student musicians from colleges and universities across the country for a month-long residency.

The third concert of the season features the Penn's Woods Philharmonic performing Rameau's *Les Indes Galantes* Suite No. 1, Stravinsky's *Concerto in E Flat* "Dumbarton Oaks" and Schumann's *Symphony No. 3* "Rhenish."

Stravinsky's "Dumbarton Oaks" features faculty members Eleanor Duncan, Armstrong, flute; Daryl Duran, bassoon; Smith Toulson, clarinet; and Lisa J. Bontrager, horn. All are members of the Pennsylvania Quintet, the University's resident faculty wind quintet.

Carol Kreuscher and Robert Trehy will be the guest soloists at the final Music at Penn's Woods concert at 7:30 p.m. Saturday, July 20, in Schwab Auditorium. Douglas E. Meyer, music director of Penn's Woods, again will lead the 55-piece orchestra in a program featuring Brahms *Symphony No. 4* and Mahler's "Des Knaben Wunderhorn."

Penn's Woods also offers a free chamber music series that allows student musicians from the philharmonic to perform in small ensembles. The final chamber recitals are at 3 p.m. Sunday, July 14, and 7:30 p.m. Wednesday, July 17, in the School of Music Recital Hall.

To reserve tickets, call the Eisenhower Auditorium Ticket Center at (814) 863-0255 Monday through Saturday, 8:30 a.m. to 4:30 p.m.

Architect to lecture

Michael Dennis, professor of architecture at Cornell University, will present "Recent Work" at 4 p.m. Thursday, July 18, in 112 Walker Building at University Park. The lecture is part of "The Campus and the City" series sponsored by the Office of Summer Sessions and the Department of Architecture.

Mr. Dennis is principal of Michael Dennis and Associates in Boston. He has taught at Harvard University and has been a visiting professor at Yale University, the University of Virginia, Rice University, Princeton University, the University of Kentucky and Columbia University.

The lecture is free and open to the public.

Featured authors

Lurene Franz and Gary Gallagher are featured authors at the Penn State Bookstore on Campus from noon to 2 p.m. Friday, July 12.

Ms. Franz, executive director of the Pennsylvania Local Arts Network (PLAN), will sign and discuss the book *Pennsylvania Arts Festivals* — "a guide to community arts festivals for visual and performing artists and arts festivals enthusiasts." The book is published by PLAN, State College, Pennsylvania.

Ms. Franz will be available to discuss the theory and research behind this publication. She also will introduce another book produced by the same organization, *Directory of Consultants 1991*, which was published with assistance from The Pennsylvania Council on the Arts and The Pittsburgh Cultural Trust.

Dr. Gallagher, associate professor of history, will sign and discuss his latest book *Struggle for the Shenandoah* (Kent State University Press, 1991). He is the author of *Fighting for the Confederacy* (University of North Carolina Press, 1989) and *Anleitung: Essays on the 1862 Maryland Campaign* (Kent State University Press, 1989). These books also will be available at the book-signing event.

A display of Arts Festival posters from the permanent collection of the Central Pennsylvania Festival of the Arts also is on exhibit at the Penn State Bookstore on Campus until July 19th.

Odyssey on WPSU

Ukrainian poet Lina Kostenko and her translator, Michael Naydan, associate professor of Slavic languages, join host Leonard Rubinstein on the next episode of "Odyssey Through Literature."

"A lot of people from the Ukraine say that the language is songlike, sweet to the ear, melodious," says Kostenko. "But I write in a different language. I write in that Ukrainian language which has a dramatic quality, which contains the entire essence of the soul."

On the July 24 program, Professor Rubinstein describes his guest Janusz Glowacki, "a Polish author and playwright who has been condemned to freedom."

He spoke with Glowacki shortly after the playwright left Poland in 1983, when for the first time he had the freedom to write with honesty about Poland, its government, and socialism. Their discussion centers on Glowacki's play, "Cinders," which deals with dreams of freedom under oppression, alluding to the fairy tale of Cinderella, from which comes the play's title.

"Odyssey Through Literature" is produced by the Department of Comparative Literature in the audio-production studios of WPSX-TV. It airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Fred Waring's chorus

Young singers and dancers from across America will participate in the sixth annual Fred Waring's U.S. Chorus at 3 and 8 p.m. Saturday, July 20, in Eisenhower Auditorium at University Park. The shows mark the return of the magic, color and song that typified the work of Distinguished Penn State Alumnus and master showman Fred Waring.

"Count Your Blessings," this year's theme, will include songs of friendship, love and the environment. Many of Waring's original chorus arrangements culled from the Waring Collection also will be included in the program.

Auditions for the young talent takes place throughout the year, then when the performers arrive on campus they have just one week to learn and rehearse the show under the guidance of artistic director Virginia Waring, and the staff of creative professionals assembled to help stage and direct the show.

While the chorus members are rehearsing, Charles Gudeman, senior producer at WPSX-TV, is readying his production team of camera operators, sound technicians and engineers to capture the spirit of the event for a special edited broadcast on Channel 3, and other public television stations nationwide this fall and winter.

Both performances have reserved seating. Call the Eisenhower box office Monday through Saturday 8:30 a.m. to 4:30 p.m. at (814) 863-2688. Tickets also may be purchased at the door.

Zoller crafts exhibit

Crafts National 25, a juried exhibition featuring contemporary crafts, is on display until July 28 in Zoller Gallery at University Park.

The exhibition, cosponsored by the Central Pennsylvania Festival of the Arts, the Pennsylvania Council on the Arts and the School of Visual Arts, contains a variety of works in metal, fiber, wood, ceramics, glass, handmade paper and mixed media including such items as precious stones, neoprene, concrete and halogen.

The exhibition is free and open to the public. Zoller Gallery is located in the Visual Arts Building. Summer hours are 10 a.m. to 4 p.m. Monday through Friday; 11 a.m. to 4:30 p.m. Saturday, and noon to 4 p.m. Sunday.

University Park Calendar

July 11 --
July 28

Special Events

Thursday, July 11
Trustees meet at Schuylkill Campus, through July 12.

10th annual Penn State Conference on Rhetoric and Composition, through July 13.

Saturday, July 13
Music at Penn's Woods, 7:30 p.m., Schwab Aud.

Sunday, July 14
Music at Penn's Woods, 3 p.m., Music Building Recital Hall.

Tuesday, July 16
Shaver's Creek, Day Camp III Adventure Camp, through July 20. Call 863-2000.
Campus Blood Drive, 11 a.m.-5 p.m., HUB Ballroom.

Summer Sessions, music at noon, Fisher Plaza.
Wednesday, July 17
Campus Blood Drive, 10 a.m.-4 p.m., 101 Kern.

Summer Sessions, summer scholars, 3-5 p.m., Paul Robeson Cultural Center; Music at Penn's Woods, 7:30 p.m., Recital Hall; HUB lawn film, 9 p.m.

Thursday, July 18
Summer Sessions, music at noon, Fisher Plaza; summer seminar, 3:30 p.m., Nittany Lion Inn; Architecture lecture, 4 p.m., 112 Walker; ice skating "diversions," 8-11 p.m., ice rink.

Friday, July 19
Presentation, noon-1 p.m., 101 Kern. Diane Buck Briscoe, Univ. of S. Florida, on "Capitalizing on Culture: Implications for Learning in the 21st Century."

Summer Sessions, ice cream "diversions," 7-8 p.m., Creamery/Pavilion; jam, 9 p.m.-1 a.m., Friday, July 20.

Fred Waring's U.S. Chorus, 3 and 8 p.m., Eisenhower Aud.
Music at Penn's Woods, 7:30 p.m., Schwab Aud.

Shaver's Creek, Owl Prowl, 8-10 p.m. Call 863-2000.

Sunday, July 21
Shaver's Creek, High Ropes Adventure, 9 a.m.-4 p.m. Call 863-2000.

Monday, July 22
IDP seminar, 8:15 a.m., 109 Boucke.

"Encouraging Critical Thinking in Problem Solving Classes." Registration, 863-2599.

Tuesday, July 23
Shaver's Creek, Day Camp IV Adventure Camp, through July 27. Call 863-2000.

Summer Sessions, music at noon, Fisher Plaza; Architecture lecture, 4 p.m., 112 Walker; bowling "diversions," 7-9 p.m. or 9-11 p.m., Rec Hall.

Wednesday, July 24
Summer Symposium in Molecular Biology, "Molecular Interactions in Plant Development," through July 26. Thomas J. Watson Jr. Lecture in Molecular Biology, 2:30 p.m., Schwab Aud. Jeff Schell, Max Planck Institute, Germany, on "Genes Involved in the Commitment of Plant Cells to Differentiation."

Summer Sessions, summer scholars, 3-5 p.m., Robeson Cultural Center; HUB lawn film, 9 p.m.

Thursday, July 25
Summer Sessions, music at noon, Fisher Plaza; Summer seminar, 3:30 p.m., Nittany Lion Inn;



Fred Waring's U.S. Chorus will perform at 3 and 8 p.m. Saturday, July 20, in Eisenhower Auditorium.

Summer meetings on lasers and materials processing at Penn State, 3:30 p.m., 112 Walker.

Demonstration of Microsoft Windows 3.0, 1:15-4 p.m., HUB Assembly Hall. Jeff James, Microsoft Corp.

Friday, July 26
Summer Sessions, ice cream "diversions," 7-8 p.m., Creamery/Pavilion.

Saturday, July 27
Shaver's Creek, Forge-on to the Iron Furnace, 1:30-3 p.m., Call 863-2000.

Sunday, July 28
Shaver's Creek, Environmental Games for Kids, 1:20-3 p.m., Call 863-2000.

Public Radio

WPSU-FM 91.1
"All Things Considered" Monday-Friday, 5-6:30 p.m.; Saturday and Sunday, 5-6 p.m.; Morning Edition, Monday-Friday, 6-8 a.m.; Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m. "Odyssey Through Literature," 12:30 p.m. Wednesdays, with S. Leonard Rubenstein. "Perspectives," 6:30 p.m. Wednesdays, with Jeff Ballou. "Creative License," 12:30 p.m. Thursdays.

Conferences

Continuing Education
Keller Building
July 14-18. Alumni College. Diane Ryan, chair; Donna Ricketts, coordinator.
July 14-18. School Food Service Institute. Frederick DeMico, chair; Norm Lathbury, coordinator.
July 14-19. Second Mile Summer Challenge for Boys. Bob Ricketts, chair; Jerri Milsom, coordinator.
July 14-19. See the Future. John Vincenti, chair; Donna Ricketts, coordinator.

July 14-19. Mathematics and Computing Summer Program for Mathematically Talented Middle-School Students. M. Kathleen Heid, chair; Donna Ricketts, coordinator.

July 14-19. Waves in Fluids. Gary Koopmann, chair; Norm Lathbury, coordinator.

July 14-20, 21-27, and July 28-Aug. 3. Elderhostel Programs. Barb Impellitteri, coordinator.

July 15-19. Developing a Preschool Practicum in Home Economics. Cynthia Sovich, chair; Donna Ricketts, coordinator.

July 15-19. Building Heating Systems. James Myert, chair; Norm Lathbury, coordinator.

July 17-19. Women's Club Summer Conference. Louise Guernsey, chair; Bill Sterner, coordinator.

July 18-31. Soviet Science Camp. Jerri Milsom, coordinator.

July 21-26. Second Mile Summer Challenge for Boys and Girls. Bob Ricketts, chair; Jerri Milsom, coordinator.

July 21-26. Communication Workers of America District II. Richard Hindle, chair; Chuck Herd, coordinator.

July 21-Aug. 3. Ms. Wizz It. Vasundara Varadan

chair; Kathy Karchner, coordinator.
July 22-25. Play Therapy. Louise Guernsey, chair; Kathy Karchner, coordinator.
July 22-26. Earth Systems Science. Eric Barron, chair; Jack Sinclair, coordinator.
July 22-26. Curriculum and Evaluation for Home Economics Preschool Practicum Programs. Cynthia Sovich, chair; Donna Ricketts, coordinator.
July 22-26. Central Boiler Plant Operation. James Myers, chair; Norm Lathbury, coordinator.
July 22-26. Enter 2000. John Vincenti, chair; Donna Ricketts, coordinator.
July 23-26. Tenth Summer Symposium in Molecular Biology. Richard Frisque, chair; Chuck Herd, coordinator.
July 23-Aug. 15. Japanese Summer Study Program. Masume Assaf, chair; Norm Lathbury, coordinator.
July 28-Aug. 2. High School Publications Workshop. R. Thomas Berner, chair; Bill Sterner, coordinator.
July 28-Aug. 2. High School Publications Advisers. John Rippey, chair; Bill Sterner, coordinator.
July 28-Aug. 2. Hispanics in Teaching. James Nolan, chair; Donna Ricketts, coordinator.
July 28-Aug. 2. Second Mile Summer Challenge for Boys and Girls II. Bob Ricketts, chair; Jerri Milsom, coordinator.

Exhibits

Pattee Library
Lending Services Gallery:
Ted Heine, "Psychic Paintings," through July 15.
Penn State Room:
"JRB: 100, John R. Bracken and the Development of Landscape Architecture at Penn State," through Sept. 30.
Rare Books Room:
"History of Rhetoric and Rhetoric Textbooks," through Aug. 15.
West Lobby Gallery:
Annette McHugh, "Birds, Rocks and Flowers," through July 15.

Tips

Information Penn State
Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather-234, Arts Line-345, University Calendar-456.

■ Reflects an international perspective

Bookstore seeking books for program

The Penn State Bookstore on campus is participating in the International Book Bank Program.

Books received by the bookstore for the program will be housed in the IBB warehouse in Baltimore, Md., before being shipped overseas. To date, the bookstore has received 40 cartons of books contributed to the International Book Bank by students and faculty and staff, with more being donated each week.

The program known as "The Bridge of

Knowledge" has been underway since April, providing valuable educational materials to countries overseas. Besides textbooks, there is a need for classroom-related fiction, foreign-language books used in schools, books teaching English as a second language, reference books and children's books.

For more information about the International Book Donation Program, contact Elizabeth K. Wilson at the Penn State Bookstore.

Update on University's SPEC program

The Staff Position Evaluation and Compensation (SPEC) program continues its development through the summer months with the project team working on various aspects of a new job evaluation and compensation program. The work plan is progressing according to schedule.

Penn State has set high goals for the SPEC program which will: be equitable and free of gender, ethnic and racial bias; provide a framework for career growth and reward excellence; reflect the world of work as it exists today and recognize the essential value of jobs, and ensure that the University will be able to attract and retain first-rate individuals in the job markets and fields where it competes for employees.

As part of this effort, the categories of staff exempt, staff nonexempt and clerical are being combined into a single staff category in order to provide greater career mobility and job opportunity.

In addition, there will be a new job evaluation approach, based upon factors which actually give jobs value in the workplace of the 1990s. The structure will ensure that Penn State positions are evaluated equitably, both within the University and the larger marketplace.

This is a massive and complex undertaking. Accomplishing all of the objectives requires a logical, organized process. The following steps outline the process so that University faculty and staff can better understand and review the accomplishments and direction of the SPEC program.

Step One: Information Gathering

It has been 25 years since the inception of the original job evaluation plans. Much has changed in a quarter of a century. To ensure that the SPEC project team was working with current, valid information about jobs within the University and to facilitate comparisons among those jobs, the process began with data gathering.

The project actively sought the involvement of

employees and supervisors in the important task of providing accurate, up-to-date job information through the development and completion of the Position Information Questionnaire (PIQ). The PIQ recorded data on the various factors which give jobs value within the organization. These include such things as knowledge; experience; dexterity skills; judgment and problem solving; direction received; internal and external contacts; breadth of responsibility; organizational impact; and supervision of others.

Step Two: Response and Review

With a ninety percent response rate on the return of the PIQs, the data provided a wealth of information on which to build the new grade and salary structure. The use of the latest technology for integration and statistical modeling assists in making decision based on objective, measurable and qualifiable job information, as reported in the April 11, 1991 *Intercom*. At the same time, the continual involvement of professional compensation staff ensures that technology performs as it should and that unusual situations receive individual attention.

Step Three: Job Evaluation and Market Analysis

A major goal of the SPEC program is to have jobs paid equitably within the University and competitively in the marketplace. To accomplish this, two processes must occur. First, University positions must be compared to each other internally. Second, the jobs must be compared to similar jobs in other organizations with which the University competes for employees.

Internal position comparisons are being done by committees of classification analysts and human resources officers under the guidance of the consultants from Mercer, Inc. Using the information generated by the PIQs, these committees are arranging jobs in a University-wide hierarchy of positions.

At the same time, the SPEC project team and Mercer consultants are examining the way University jobs are

compensated in the external marketplace. Using nearly 50 different published surveys of pay practices in other organizations - universities, research organizations, service companies and local employers - average pay and salary ranges for positions similar to University positions are being identified.

Step Four: Job Grading

This summer the SPEC project team will establish a job grading structure by grouping jobs within the hierarchy of jobs developed in step three. A job grade represents a formal way of arranging positions so that those with similar value to the University can be identified and grouped together. The actual positions or job titles within the grade may vary, but each will have been determined based on the PIQ results and the work of the job evaluation committees to be similar in value. This structure will be tested and reviewed before finally being adopted.

Step Five: Pay Structure Development

Once the grade levels are established, the SPEC project team will draw again on market data. The University's management strategy for marketplace competitiveness will be determined and the pay ranges for each grade will be set. The grade range is the minimum and the maximum salary the University will pay for an individual performing a job falling within the job grade. Following executive approval, the new pay structure will be implemented.

Creating a pay program that properly integrates more than 2,000 jobs in a complex University environment is a challenge for Penn State. This structured approach, in which one step builds upon the results of the one before it, will take the SPEC program to a successful outcome. In addition, the process will remain workable after the new program is in place, helping the Office of Human Resources keep the pay program current and responsive to future changes in the world of work.

Faculty/Staff Alerts

Federal Express procedures

Some confusion has arisen when University departments have called Federal Express's 800 number requesting a pickup at their location. In order to alleviate this confusion, Federal Express has asked when University departments are asked for an account number, please give it if you have one, then verify correct room number, building name, phone number, zip code, and contact name.

If not using an account number, please give your building name and 16802 zip code, then verify room number, phone number and contact name. Each building is listed in Federal Express's data base, and this should help alleviate the confusion.

Off campus locations will use the same procedure, except for a 16001 or 16003 zip code, as well as a street address. Complying with this request will facilitate a fast response to a request.

If there are any further questions, please call Mail Services at 865-4051.

Automated mail sorting

The U.S. Postal Service, as well as University Mail Services, is moving towards sorting mail with automated

equipment. The benefit of automated equipment is to speed up the delivery of your mail.

In order to realize the benefits of this automated equipment, it is imperative to use proper addressing standards, and that your addresses are legible. The University Community can help by properly addressing all outgoing mail, and by letting your correspondents know what your proper return address is.

Please utilize the following address format for all outgoing and incoming mail: Name, Department Name or Firm (Optional), room number and building name, or street address, city, state, Zip + 4 code

The most important part of your address is the last two lines as shown in the above example. The building names or street addresses, and the Zip + 4 codes for all University offices are listed on the Bulletin Board in E-Mail under Zip + 4.

If your office would like more information concerning addressing standards and what is required, please contact Frank Sinclair at 865-4051.

Obituaries

Abram P. Snyder, retired associate professor of community development, died May 19. He was 70.

A 1942 graduate of Michigan State University, he also received his master's degree from Michigan State.

He served as associate professor of community development at Penn State from 1970 until his retirement in 1986. He supervised the department's practicum program and was known for his love of teaching and advising.

He remained active in the international community and conducted short-term assignments in Anchorage, Alaska; Islamabad, Pakistan; and Bahai, Brazil. In 1980, he was awarded the College of Human Development's first Evelyn R. Saubel Faculty Award.

Daniel R. Tershak, associate professor of microbiology, died May 15 at the age of 54.

A graduate of King's College, Wilkes-Barre, he received his master's degree in virology from Baylor University, Houston, Texas, in 1959. In 1962 he received his Ph.D. in microbiology-virology, was an instructor in microbiology from 1962 to 1963 and did post-doctoral work from 1963

to 1964 in virology, all at Yale University.

He joined the University faculty in 1964, teaching microbiology and molecular biology. He was acting head of the Department of Microbiology and Cell Biology from 1978 to 1979, and from 1979 to 1980 was program director of the microbiology and cell biology program and the Department of Microbiology, Cell Biology, Biochemistry and Biophysics.

Memorial contributions may be made to Daniel R. Tershak Memorial Scholarship Fund for Molecular and Cell Biology Undergraduate Students, Office of Gifts and Endowments, Old Main, Penn State University, University Park, PA 16802.

Irvin L. Wright, assistant professor of education, and research associate, Center for the Study of Higher Education, since Jan. 1, 1990, died May 15 at the age of 40.

John L. Fisher, technical specialist, College of Earth and Mineral Sciences, from July 1, 1953, until July 1, 1978, died May 17 at the age of 76.

Sara K. Ness, assistant director of undergraduate admissions, Academic Services, from Feb. 14, 1974, until her retirement Jan. 1, 1988, died June 1 at the age of 66.

Focus on Research

Intercom
July 11, 1991

Reforestation can help preserve pandas

Replanting clear-cut fir forests can help preserve panda habitats by ensuring bamboo regrowth, **Alan H. Taylor**, assistant professor of geography, said.

Only about 1,500 of the large furry, black-and-white giant pandas native to Southwestern China exist in the wild, according to Dr. Taylor. These animals are threatened by the effects of humans through agriculture and logging and the peculiar circumstances of their diet.

"Pandas are obligate bamboo eaters. They eat bamboo and nothing else, but, over the past 100 years, agriculture and now logging are shrinking the panda's habitats. Imbedded into the habitat problem is the unusual life cycle of bamboo."

Bamboo usually reproduces vegetatively, but about every 50 to 60 years, species of bamboo flower, set seed and die back. Entire areas become denuded of bamboo and it takes 15 to 20 years for bamboo to regrow to adult size from seed.

"In 1975 and 1976, three bamboo species flowered and died at the same time," he notes. "The Chinese found 138 pandas dead from starvation, perhaps 10 percent of the population, and the government established a series of natural panda reserves."

"Many of these reserves have been clear cut of trees, but bamboo continues to grow," he adds. "The bamboo understory prevents softwood seedlings from taking root and only a few hardwoods establish."

Dr. Taylor said the real problem occurs in recently

clear-cut areas when bamboo flowers and dies back.

"Without tree cover, we see a near extinction of bamboo seedlings due to high temperatures and moisture stress. Bamboo does not become established and panda habitat is lost."

However, he sees bamboo dieback as not just a problem, but as an opportunity to rehabilitate habitat.

"While a change in forest management practices from clearcutting to selective cutting will help in the future, bamboo diebacks also provide an opportunity for replanting softwood forests and rehabilitating habitat," he noted.

"Managers can plant conifer seedlings among the dead bamboo, especially on the gentle slopes favored by pandas, and the mixed forests will develop rapidly. The softwoods must be planted soon after the bamboo dieback, before bamboo or other ground covering species provide competition for the young trees."

Old, hollow softwood trees also are important to panda preservation. The females use the hollow trees as maternity dens to protect their immature offspring.

Providing sufficient habitat area for pandas is important because of the animals' dependence on bamboo. Without contiguous bamboo forests available, pandas cannot travel very far.

"Although pandas eat only bamboo, they have the stomach of a carnivore. This means that they only digest 12 to 23 percent of the dry plant matter they eat and must spend much of the day feeding. They also

apparently acquire only slightly more energy from bamboo than they use to forage and digest the plants."

With very little reserve energy available, pandas cannot go long without eating. Crossing large expanses of farmland to reach fresh bamboo stands after a dieback is unlikely.

In the past, when their bamboo died back, pandas could simply move to a new grazing area where a different one of the more than 20 species of bamboo was growing, but now they are confined by clearcut land and farmland.

In the event of dieback, pandas must either find remaining stands of bamboo, or, as in 1975 and 1976, die of starvation.

— **Andrea Elyse Messer**



Alan H. Taylor took this photograph of a giant panda in Southwestern China.



Dr. Taylor is shown in Southwestern China, where he has done research on reforestation.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonsenior have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304). Applications for these staff vacancies will be accepted until July 16. DO NOT CONTACT THE AGENCY THAT HAS THE VACANCY.

Applications for staff vacancies are considered in accordance with Fair Employment Practices (PS-1) and in compliance with the University's Affirmative Action Compliance Program without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran

■01580, Coordinator, Educational Opportunity Center, Undergraduate Education, Academic Assistance Programs, Allegheny County — Responsible to the director, Educational Opportunity Center, for recruitment activities and for general assistance in handling admissions and training matters for eligible participants. Requires bachelor's degree plus one to two years of effective experience in educational administration, counseling, social work, or related field. This is a fixed-term position available September 1, 1991 to August 30, 1992, with excellent probability of funding available for a three-year period. STAFF GRADE 0.

■01581, Coordinator, Educational Opportunity Center, Undergraduate Education, Academic Assistance Programs, Philadelphia County — Responsible to the director, Educational Opportunity Center, for recruitment activities and for general assistance in handling admissions and financial aid matters for eligible participants. Requires bachelor's degree plus one to two years of effective experience in educational administration, counseling, social work or related field. This is a fixed-term position available September 1, 1991 to August 30, 1992, with excellent probability of funding available for a three-year period. STAFF GRADE 0.

■01588, Administrative Aide, College of Agriculture, Veterinary Science — Develop, analyze, compare and summarize data for various departmental activities, administrative unit and

committee functions. Establish and maintain the departmental grant management program. Ensure preparation, expenditures and reporting systems deadlines are met and submitted in a timely manner. Requires bachelor's degree, or equivalent, with one to two years of effective experience or associate's degree, or equivalent, with two to three years effective experience in office management. STAFF GRADE 5.

■01589, Photographer/Videoographer, Applied Research Laboratory, ARL Administration, University Park Campus — Responsible to the manager, Communications Support Services, for producing photographic documentation for research projects and activities. Requires associate degree, or equivalent, in art-related studies, plus one to two years of effective experience in art or photography. Applicant must possess knowledge of darkroom procedures and still camera uses. U.S. citizenship required. STAFF GRADE 5.

■01590, Physician in Charge, Women's Health, Student Services, University Health Services, University Park Campus — Responsible to the director, Clinical Services' University Health Services, to serve as physician leader to provide gynecology and general medical services for students and to supervise nurses and mid-level practitioners in a growing, innovative Women's Health Department. Requires a doctor of medicine or doctor of osteopathy degree from an accredited school of medicine with board certification or board eligibility in obstetrics/gynecology, family practice or internal medicine plus four to five years of previous effective experience in adolescent/growing adult medicine. STAFF GRADE 10.

■01591, Associate Editor - Alumni Publications, Division of Development and University Relations, Alumni Association, University Park Campus — Responsible to the editor of alumni publications for acquiring, researching, editing and writing articles for various alumni publications; brochures, programs, solicitations, etc., and supervising part-time staff. Requires bachelor's degree, or equivalent, in journalism or related area plus one to two years of effective experience in writing, editing, proofreading, layout and design. This is a fixed-term position funded through June 30, 1992, with good possibility of re-funding. STAFF GRADE 0.

■01592, Assistant Accountant, Corporate Controller, University Park Campus — Responsible to the director of accounting operations for assistance in a wide variety of duties, working toward the overall goal of obtaining well-rounded experience in all areas within the Office of the Corporate Controller. Requires bachelor's degree, or equivalent, in accounting or related field and up to one year of effective experience. This is a trainee position. STAFF GRADE 5.

■01593, Admissions Counselor II - Alumni, Undergraduate Education, University Park Campus — Responsible to the associate director of undergraduate admissions in training and coordinating the student recruitment activities of alumni volunteers in assigned market areas. Requires bachelor's degree, or equivalent, plus two years related experience in educational administration or related field. Prefer admissions/alumni background. This is a fixed-term position available August 1, 1991, to June 10, 1992. STAFF GRADE 6.

■01594, Administrative Aide, Eberly College of Science, Chemistry, University Park Campus — Responsible to department head for coordinating administrative functions, supervise departmental clerical employees; oversee departmental personnel activities and records. Requires high school plus two years of a business or secretarial school, or equivalent, plus two to four years of effective experience in a position exhibiting independence, responsibility and supervisory skills. Excellent interpersonal skills. Demonstrated writing ability, organizational skills, and computer literacy preferred. STAFF GRADE 5.

■01595, Director, Talent Search, Undergraduate Education, Academic Assistance Programs, University Park Campus — Responsible to the assistant dean for academic assistance programs for the development of a comprehensive Talent Search Project within the Commonwealth of Pennsylvania. Requires master's degree and three to four years of effective experience involving the organization and direction of community groups and directing educational program development initiatives. Fund-raising experience and experience working with low-income high school or first-generation college students is preferred. This is a fixed-term

position available September 1, 1991, to August 30, 1992, with excellent probability of funding available for a three-year period. STAFF GRADE 8.

■01597, Admissions Officer, Ogontz Campus — Responsible to the director of student programs and services for planning, coordinating, directing and implementing the campus recruiting and admissions marketing and enrollment strategy plans; organize and carry out recruiting and admissions activities for the campus and University; counsel applicants and parents regarding University programs and admission procedures. Requires master's degree, or equivalent, in psychology, counseling or related field plus two to four years of effective experience in collegiate recruiting and admissions. STAFF GRADE 7.

■01598, Construction Cost Specialist, Office of Physical Plant, Hershey Medical Center — Responsible to the design and construction project manager for the control and cost management of Hershey Medical Center special projects budgets. Requires bachelor's degree, or equivalent, with one to two years of effective experience in field of cost control and estimating. STAFF GRADE 0.

■01600, Applications Programmer/Analyst, Office of Budget and Resource Analysis, University Park Campus — Responsible to a lead applications programmer/analyst for designing, coding, modifying and testing new and existing computer programs for the Integrated Business Information System needs. Requires bachelor's degree, or equivalent, in business or computer-related field, and from one to two years of effective experience in computer programming and systems design. Ability to communicate orally and in writing is required. This position is funded from Aug. 1, 1991, through June 10, 1992, with a good possibility of re-funding. STAFF GRADE 6.

■01602, Health Promotion Specialist, Office of Human Resources, University Park Campus — Responsible to the coordinator, Faculty/Staff Health Promotion, for assisting with the development and delivery of health promotion programs universitywide. Requires bachelor's degree, or equivalent, in health education or related field, with over one up to and including two years

of effective experience or a master's degree, or equivalent, in health education or related field, with up to one year of effective experience. Excellent verbal and written communication skills required. This is a fixed-term position funded through June 30, 1992. STAFF GRADE 6.

■01603, Information Technology Associate, Eberly College of Science, Statistics, University Park Campus — Responsible to the head, Department of Statistics, for administering departmental computing facilities. Requires bachelor's degree, or equivalent, in computer science, electrical engineering, or closely related discipline, plus two to three years of effective experience. Requires operating experience with appropriate hardware and software: UNIX, DOS, CIMS, IBM, SUN, networks, statistical packages and graphics. This is a fixed-term position funded for one year from date of employment with probable re-appointment. STAFF GRADE 7.

Hershey

For the following position vacancies, apply directly to The Milton S. Hershey Medical Center. Attach resume with cover letter indicating the position vacancy code and forward to the Department of Human Resources Hershey, or call the Hershey bid line at (717) 531-8531 by July 18.

■01528, Clinical Head Nurse, Outpatient Services/Family and Community Medicine — Responsible to the practice manager for providing leadership to patient care personnel with a designated practice site. Requires registered nurse with a current license to practice professional nursing in Pennsylvania, plus one to two years of effective nursing experience. Bachelor of science in nursing preferred. STAFF NONEXEMP, GRADE 3.

■01790, Coordinator, Geriatric Patient Rehabilitation Program, Department of Psychiatry, Division of Geriatric Psychiatry — Responsible to the director, Geriatric Psychiatry Services, for coordination and delivery of program services. Requires a bachelor's degree or equivalency, or registered nurse, plus 1.5 years of effective experience, preferably in the development and coordination of treatment programs in a geriatric, psychiatric setting. STAFF GRADE 7.

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William E. Campbell Jr., Editor
Deborah A. Benedetti, Assistant Editor
Kathy Garman, Calendar

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Board of Trustees approves 1991-92 operating budget

The Board of Trustees approved a 1991-92 total operating budget of \$137,042,000 for the University during its meeting July 12 at the Penn State Schuylkill Campus.

"Without an approved state appropriation at this point in time, we have a few more ambiguities to deal with this year than in any recent time at Penn State," President Thomas told the Board.

This budget will permit the University to continue its upward momentum, while being mindful of the need to keep tuition as low as possible."

The University's budget for 1991-92 was developed by estimating a final state appropriation with an approximately 4 percent increase. State officials did not take action on Penn State's appropriation prior to the Board meeting.

Tuition for undergraduate Pennsylvania residents will now become \$2,100 for one semester at the University Park Campus. Undergraduate out-of-state residents will pay \$4,550 for one semester of classes at the University Park Campus.

A tuition increase of 8.9 percent, while

lower than the figure for many comparable schools this year, is being coupled with some key cost containment efforts to provide an overall budget plan that keeps Penn State moving forward," Dr. Thomas said.

Noting that the commonwealth faces constrained economic conditions, Dr. Thomas said understanding remains the University's "single most serious problem."

"Even with the tuition increase approved here today, Penn State continues to have the lowest undergraduate tuition among Pennsylvania's public research universities," he said.

There is good news in the midst of these fiscal hardships, the Board was told. Cost containment has been a priority and has resulted in:

- A reallocation program of over \$52 million.

- A sophisticated volume purchasing program that saves \$8 million to \$10 million annually.

- An aggressive energy conservation program.

- Health care cost containment measures.
- A sophisticated strategic planning program, which applies limited resources to areas of highest need.

Some specific areas where cost containment has resulted in savings include a physical plant operation, which operates at two-thirds the cost of the national average, and a nationally ranked institutional advancement program that operates at half the cost of the national average.

A 4 percent increase in the University's Educational and General line item would result in an increase of \$7.7 million from the state for the Educational and General line item.

Penn State had originally requested an appropriation increase of 13.1 percent and was planning a tuition increase of 6 percent.

For 1991-92 Penn State will fund approximately \$7 million in unavoidable cost increases. This includes a \$4.7 million increase in health care insurance costs, social security base changes and growth in

the TIAA-CREF retirement base, grants-in-aid, the cost of maintaining and operating new or newly remodeled facilities, fuel and utility cost increases, and costs associated with other insurances and legal expenses.

"These unavoidable cost increases represent approximately 2.4 percent of the total proposed general funds budget increase for 1991-92 and 48 percent of our estimated appropriation increase," Dr. Thomas said.

The new budget calls for a basic salary increase allocation to academic and administrative units, with salary increases to be based on merit. The increases are predicated on receipt of the anticipated state appropriation.

The proposed salary increases and related benefits of \$17 million represent the largest expense change included in the new budget.

More than \$6 million in funds have been added to educational program needs in the new budget. This includes almost \$3 million for program needs in the academic

See 'Budget' on Page 4.

Promotions in academic rank are announced by University

The following promotions in academic rank are effective July 1:

To Professor

Bruce A. Albrecht, Meteorology
Archibald Allen, Classics
James O. Ballard III, Medicine
Jayanth R. Banavar, Physics and Materials Research
David Barnard, Humanities
Barry G. Baylen, Pediatrics
Melvin L. Billingsley, Pharmacology
Christopher J. Bise, Mining Engineering
Donald A. Bryant, Molecular and Cell Biology
Ranee Brylinski, Mathematics
Joseph Y. Cheung, Medicine and Cellular and Molecular Physiology
Paul H. Cohen, Industrial Engineering
Daniel J. Cosgrove, Biology
Carolyn R. Dexter, Management and Marketing
Penn State Harrisburg
Patricia Draper, Anthropology and Human Development
Elliot R. Eisenberg, Engineering, Hazleton Campus
Eric D. Feiglson, Astronomy and Astrophysics
Kevin P. Furlong, Geosciences
Gary W. Gallagher, American History
Thomas W. Gardner, Geology

Carol V. Gay, Cell Biology and Poultry Science
Kenneth R. Graves, Art
Barbara L. Gray, Organizational Behavior
Robert L. Hale, Education
Ross C. Hardison, Biochemistry
Robert M. Hendrickson, Education
Mary K. Howett, Microbiology and Immunology
Carl S. Keener, Biology
Kenneth L. Koch, Medicine
Bohdan T. Kulakowski, Mechanical Engineering
Raymond J. Luebbers, Electrical Engineering
Ralph Lydic, Anesthesia and Cellular and Molecular Physiology
Ernest K. Manders, Surgery
James G. Marks Jr., Medicine
Leonard Mustazza, English/Ozont Campus
Mohamed-Reza Nouri-Moghadam, Mathematics, Wilkes-Barre Campus
Michael L. O'Connor, Dairy Science
William A. Pencak, American History, Ozont Campus
Gustavo Ponce, Mathematics
Domenic A. Santavica, Mechanical Engineering

See 'Promotions' on Page 4.



Ms Wiz Kids

Yarnel Shaw, left, and Shavaya Harris, both of Pittsburgh, examine owl pellets as part of the Ms Wiz program, a residential science and technology summer camp for fifth, sixth and seventh grade girls at University Park. It is intended to encourage promising female students to pursue scientific and technical careers. (Photo: Greg Greico).

Focus on Diversity

Allentown youths 'make choices'

Seventeen economically disadvantaged youths had the opportunity to examine their internal perceptions and begin to break down their barriers through the Making Choices program presented during the Educational Enrichment Program at the Penn State Allentown Campus.

The program, a partnership between the Lehigh Valley Private Industry Council and the campus, offered two weeks of information literacy and career orientation seminars during the weeks of July 8 and 15. The final week of the program will be held at the Lehigh County Vocational Technical School in August and will be a continuation of the Making Choices segment.

The 9th and 10th graders participating in the program have been selected by the Lehigh Valley Private Industry Council. They are students from the city of Allentown who are interested in attending college.

From July 8 to the 10th, the students participated in three full days of the Making Choices Program. From July 11 through 19 they spent the morning in a

summer youth writing program and the afternoon in a computer workshop.

The writing program focused on all phases of the writing process. Students were instructed in drafting, revising and editing their work and the work of their peers. The computer workshop covered an introduction to MSDOS and use of a word processing package. Students also were encouraged to develop their critical thinking skills by using software programs.

The program is a year-round commitment on the part of the students, the Penn State Allentown Campus, and the Lehigh Valley Private Industry Council. A mentoring program will be in place throughout the academic year for the students.

John V. Cooney, campus executive officer, said Penn State will offer admission to Penn State to students staying with the program until they graduate. "Any student entering the Educational Enrichment Program this summer, who comes back to Penn State every summer and graduates from high school, will be guaranteed admission to Penn State."



EMS Summer Experience

Lashonda Youngblood, left, and Autumn Cooley, from Westinghouse High School, Pittsburgh, work under the watchful eye of Scott Britton, research technologist, Combustion Laboratory, during the one-week program offered by the College of Earth and Mineral Sciences for tenth graders in the Pittsburgh School District. They were among 18 students who participated in this year's program at University Park. (Photo: Greg Grieco).

Campus offers Youth Enrichment Partnership

Thirty-four graders spent a week at the Penn State Allentown Campus in July as participants in the Youth Enrichment Partnership 2000.

Partnership 2000, supported by Meridian Bank, ALPO Petfoods Inc., and several Lehigh Valley community-based organizations, links at-risk youth with human and institutional resources to enhance their ability to succeed in school, the workplace, and the community.

John V. Cooney, campus executive officer, said the program was the result of a successful minority computer/tennis camp

that bought 28 students to the campus last summer.

The week-long Youth Enrichment Partnership 2000 included creative dramatics, nature study, recreational activities, and social outings as well as instruction in computers and tennis.

Fifteen students, selected by Casa Guadalupe and the Lehigh Valley Black Interfaith Coalition, attended the camp the week of July 8. Students attending the second week of the camp were selected by the Allentown School District. The students are from the Moser School.

Students also will achieve information literacy through reading, writing and computer use. A tutoring and mentoring program will provide support throughout the school year. Mr. Cooney points to the ongoing involvement in the student's life as an important part of the program. "The success of this partnership is directly tied to our year-round participation with the students through mentoring and tutoring," he said. "The fourth graders we will see this year will have the opportunity to participate in the partnership activities until they graduate from high school in the year 2000."

WPSX-TV program

American Masters presents "Sarah Vaughan: The Divine One" at 9 p.m. Monday, July 29, on WPSX-TV. Gifted with a voice that could have made her a candidate for grand opera, yet possessing a jazz musician's powers of invention and utter daring, Ms. Vaughan was one of the greatest singers of jazz and popular music this country has ever known.

From her childhood, Zion Baptist Church, in her native Newark, N.J., she developed an affinity for gospel music that had a lasting influence on her work.

Her first big break came when she won an amateur contest at Harlem's famed Apollo Theatre, and she went on to sing with the Earl Hines and Billy Eckstine bands in the 1940s, becoming immersed in the bebop music that further defined her unique vocal style.

Candidates sought

Candidates are currently being sought for the position of chairperson, Department of Humanities, College of Medicine, Hershey Medical Center.

Candidates should be nationally recognized scholars in the medical humanities with an outstanding record of research and teaching; a proven record of effective collaboration with clinicians and scientists in the design and implementation of humanities curricula in medical education.

The successful candidate will be expected to provide imaginative direction for current and future programs and promote the national and international stature of the department.

Please, direct applications to: Office of The Senior Vice President for Health Affairs and Dean, Hershey Medical Center, College of Medicine, P.O. Box 850, Hershey, Pa. 17033.

University plans to offer two new majors

The University will offer two new majors in women's studies and African/African American studies this fall. The Board of Trustees has been told.

The majors were among the new undergraduate majors and minors and new graduate programs announced in a session of the Committee on Educational Policy.

"The major in African/African American studies, administered through the Office of the Dean for Undergraduate Education, is designed to give students an integrated and critical understanding of the experiences and contributions of peoples of African descent," John Brighton, executive vice president and provost, said.

The new women's studies major in the College of the Liberal Arts is aimed at developing a broad understanding of the

study of women and women's perspectives in all areas of academic scholarship.

Each major will require a minimum of 124 credits for the bachelor of arts degree.

The focus of the women's studies major is on feminist analyses of women's lives; of women's social, cultural, and scientific contributions; and the structure of sex/gender system.

In the African/African American studies major, students are encouraged to research and evaluate the relationship between the political, social and economic developments in Africa and the African Diaspora. There will be two new options in the major: African American studies and African studies.

Also added will be minors in women's studies, African American studies, African studies and African Diaspora studies.

Diversity Calendar

Wednesday, July 31

Summer Scholars in Residence program, 3 to 5 p.m. Paul Robeson Cultural Center. Presentation by Dr. James Stewart. Refreshments will be served.

SUMMER HOURS AT THE PAUL ROBESON CULTURAL CENTER

Summer hours for the Paul Robeson Cultural Center are 8 a.m. to 5 p.m., Monday, Wednesday and Fridays and 8 a.m. to 8 p.m. Tuesday and Thursdays. Saturday hours are noon to 4 p.m. The center is closed Sundays. For more information, contact the center at 865-1779.

From the Trustee Docket

Building projects

The Board of Trustees has approved sketchy preliminary plans for the Applied Research Laboratory Building at University Park.

The three-story, 63,000-square-foot building will be the first of the planned West Campus buildings to be constructed west of North Atherton Street. It will be located adjacent to Research Building West on part of the White Course at the fifth and sixth holes, which will be relocated.

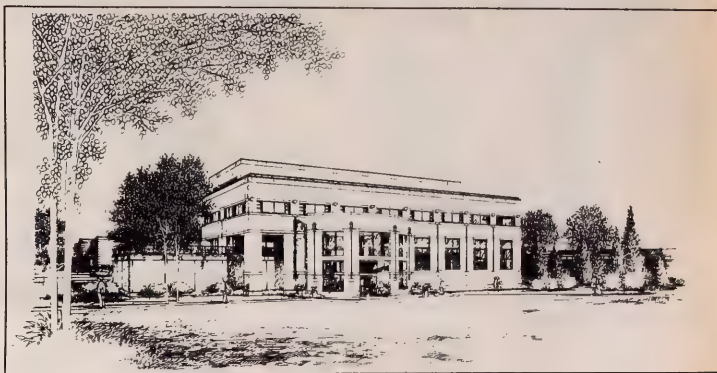
Projects to be housed in the new building include studies of marine composite materials; turbomachinery and instructional fluid dynamics; electro-optics; ocean acoustics and active vibration control; laser metrology; and dynamic response. The building also will include a 300-seat auditorium, conference rooms, a student study area, classroom space and a library.

Architect for the \$10 million project, which will be built with funds generated from the federal government, is The Kling-Lindquist Partnership Inc. of Philadelphia.

In other action, Trustees approved final plans and authorized the University to obtain bids and award contracts for expansion of the University Physicians Center at the Hershey Medical Center.

The facility will consolidate the remainder of the outpatient physician services, which are currently located in University Hospital. In addition, the building will provide space for outpatient diagnostic and support services.

The 139,000-square-foot building will have four floors plus a ground floor and large basement storage area. It will be connected to the Hospital East Addition by an enclosed pedestrian bridge. Program



Artist's illustration of ARL Building at University Park

areas will include suites for pediatrics, surgery, medicine, radiology, dialysis, neurophysiology, endoscopy, pharmacy, medical records and administrative and faculty offices.

Architect for the approximately \$19.3 million project, which will be built with borrowed funds to be repaid by revenues generated by the Medical Center, is Robert D. Lynn Associates of Philadelphia.

Approved naming the Ciletti Memorial Library, to be constructed at the Penn State Schuylkill Campus, in honor of former campus administrator Frederick M. Ciletti, who died in 1990.

Mr. Ciletti joined the Schuylkill Campus in 1951 as an English instructor and went on to serve as assistant director, dean of student affairs, and assistant director of resident instruction. He was named an associate professor of English in 1962.

In 1969, he became director of Commonwealth relations in the office of the vice president for public affairs at University Park. From 1975 until his retirement in 1985, he served as special assistant to the president for governmental affairs.

After retiring, Mr. Ciletti established the first endowed scholarship at Schuylkill

Campus. He was a native of Philadelphia and a 1949 graduate of the College of the Liberal Arts.

Approved the appointment of Burt Hill Kosar Rittelmann Associates, Butler, as architect for the proposed laboratory building at Penn State Erie, The Behrend College.

The approximately 50,000-square-foot building will provide space for instruction and research laboratories. It will be located on the western edge of the campus, near the Hammermill and Zurn buildings. The project budget is \$6 million, funded by the University and local fundraising activities.

PEPP moves

A University early intervention program, established to help motivate disadvantaged minority students to stay in school and set goals to attend college, has moved to a new home in the University, the Board of Trustees has been told.

In an informational report, Robert E. Dunham, vice president and vice provost, said executive operations of the McKeesport and Reading area components of the Penn State Educational Partnership Program have been moved from Office of the President to the College of Education. The Erie program is now based at Penn State Erie, The Behrend College.

Established in 1988 by the Office of the

President, the Penn State Educational Partnership Program has been quite successful from its initial base. But now it's time for it to move to the College of Education where it will grow and mature," said Dr. Dunham, who has served as executive administrator of the program.

Robert F. Nicely, professor of education and associate dean for continuing and commonwealth education and outreach programs in the College of Education, has taken over as head of the two PEPP programs.

"The College of Education was a natural fit for the program because of its focus on educational programs for youths from urban and disadvantaged backgrounds," Dr. Dunham added.

Working in partnership with Reading, McKeesport and Erie area school districts, Penn State is helping to increase the number of minority students who graduate from high school and pursue postsecondary education by conveying to students at risk and their parents the importance of education and teaching ways to increase academic skills. The program begins with students in the fifth grade.

"Our challenge is to help disadvantaged minority students aspire to develop family support and to coordinate school-community programs for maximum impact," Dr. Dunham said.

"Evaluations show that we are accomplishing our goals. Student participants have reported overall

improvements in their grades and a more positive attitude toward school. Parents have reported that they are happier because the students are getting better grades and showing more interest in continuing school after graduation. Even the teachers are seeing students demonstrate better discipline in their work and confidence in themselves."

Activities for students include the PEPP Academy, an after-school program which includes completing homework, nutritious snack, special activities programs and tutoring by Penn State students, and mentoring by business leaders.

PEPP activities for teachers include summer institutes in science and writing.

Program changes

The Board of Trustees has reviewed a number of new undergraduate majors and minors and new graduate programs as well as changes in several existing academic programs.

Changes in undergraduate programs include:

- Addition of a major in landscape

architecture (five-year) program in the College of Arts and Architecture.

- Addition of a major in marketing and international business in The Smeal College of Business Administration.

- Addition of a major in computer engineering technology at Penn State Harrisburg.

- Change in name from the minor in labor studies to the minor in labor and

industrial relations in the College of the Liberal Arts.

- Dropping of an option in general special education in the major in special education in the College of Education.

- Dropping of an option in vocational special education in the major in special education in the College of Education.

- Dropping of an option in young and/or severely handicapped in the major in

special education in the College of Education.

- Dropping of an option in preprofessional in the major in special education in the College of Education.

- Dropping of an option in literature in the major in English in the College of the Liberal Arts.

- Dropping of an option in writing in

See "Trustees" on Page 4.

25-year award recipients



Observing 25 years of service at the University are, from left, Doris Biekle, staff assistant, Division of Research, The Smeal College of Business Administration; Forrest W. Long, manager, Landscape and Janitorial Services, Office of Physical Plant; Jerry Olsen,

senior copier, University Libraries; Virginia A. Pletcher, clerk, accounting A, Department of Housing and Food Services; Smith C. Toulson, associate professor of music.

Promotions

(Continued from Page 1)

Robert J. Santoro, Mechanical Engineering
August H. Simonsen, Environmental Sciences, McKeesport Campus
James F. Smith Jr., English and American Studies, Ogontz Campus
H. Joseph Sommer III, Mechanical Engineering
James B. Stewart, Labor Studies and Industrial Relations
Suzanne Stutman, English and American Studies, Ogontz Campus
Smith C. Toulson III, Music
Thomas T. Warner, Meteorology
Steven J. Wassner, Pediatrics
C. Eugene Wayne, Mathematics
Robert F. Wideman Jr., Poultry Science
Lucy C. Yu, Health Policy and Administration
Richard J. Zaino, Pathology

To Associate Professor
Charles W. Abdalla, Agricultural Economics
Jamal H. Abou-Kassem, Petroleum and Natural Gas Engineering
Cheryl L. Achterberg, Nutrition
Collins O. Airiheribwa, Health Education
Patricia M. Amburgy, Art Education
Robert G. Atnip, Surgery
Kultegin Aydin, Electrical Engineering
David J. Beattie, Ornamental Horticulture

Michael A. Becker, Social Psychology, Penn State Harrisburg
Stephen J. Beckerman, Anthropology
Leonard J. Berkowitz, Philosophy, York Campus
Piotr Berman, Computer Science
Susan L. Brantley, Geosciences
Jay R. Breckenridge, Theatre Arts, McKeesport Campus
William E. Buckley, Health Education
Dennis D. Calvin, Entomology Extension
Richard A. Carlson, Psychology
N. Edward Coulson, Economics
William R. Davidson Jr., Medicine
Peter W. Deutsch, Physics, Beaver Campus
J. Ward Donovan, Medicine
R. Bradford Duckrow, Medicine
Derek Elsworth, Mining Engineering
Lisa P. Faranda, English, Berks Campus
Mary M. Gergen, Psychology, Delaware County Campus
Richard C. Harmstone, Economics, Worthington Scranton Campus
M. Abdul Hasan, Physics, York Campus
Rodger C. Henderson, History, Fayette Campus
Steven F. Heppelmann, Physics
Malcolm D. Hill, Sociology, Altoona Campus
Alan Horwitz, Mathematics, Delaware County Campus
Charles A. Hughes, Special Education
Barry W. Ickes, Economics
Mark V. Jarowenko, Surgery
David W. Jensen, Aerospace Engineering
Mahmoud A. Kaboudan, Management Science, Allentown Campus
Kenneth B. Kephart, Animal Science

M. Arshad Khan, Chemistry, DuBois Campus
Patricia B. Koch, Health Education
Mukund S. Kulkarni, Finance, Penn State Harrisburg
Lee R. Kump, Geosciences
Akhlesh Lakhtakia, Engineering Science and Mechanics
El-Amine Lehtihet, Industrial Engineering
R. Thomas Leskovich, Engineering, Beaver Campus
Mary E. Maloney, Medicine
Przemyslaw B. Maslak, Chemistry
John E. Mathieu, Psychology
Mark D. Maughmer, Aerospace Engineering
John C. McWilliams, History, DuBois Campus
John W. Moore Jr., English and Comparative Literature
Russell L. Moore, Medicine and Cellular and Molecular Physiology
Patrick R. Parsons, Mass Communications
Stanton P. Philipp, Mathematics, Altoona Campus
Edward S. Podcaski, Obstetrics and Gynecology
Edwin G. Rajotte, Entomology Extension
Lothar H. Redlin, Mathematics, Ogontz Campus
Michael C. Saunders, Entomology
Victor E. Sanvido, Architectural Engineering
Londa L. Schiebing, History and Women's Studies
Ann M. Schmiedeknecht, Physics, Ogontz Campus
Richard J. Simons, Medicine
Marlene P. Soulsby, German and

Humanities, Worthington Scranton Campus
Albert L. Stiehl, Engineering, McKeesport Campus
Joan S. Thompson, Rural Sociology
Soundar R. Tirupattakumar, Industrial Engineering
Brian B. Torney, Environmental Sciences, Altoona Campus
Gabriella A. Varga, Animal Science
Jose A. Ventura, Industrial Engineering
Jeffrey S. Walker, English
Molly M. Wertheimer, Speech Communication, Hazleton Campus
David A. Wiegand, Surgery
Nancy J. Wyatt, Speech Communication, Delaware County Campus
Jinchao Xu, Mathematics
Harold C. Yang, Surgery
Craig R. Zabel, Art History
Annette H. Zalanowski, Music, Altoona Campus
To Librarian
Diane H. Smith, Collections and Reference Services

To Associate Librarian
Mary Ellen Litzinger, Collections and Reference Services
Deena J. Morganti, Information Access Services, Berks Campus
Dennis J. Phillips, Information Access Services, Allentown Campus
To Senior Research Associate
James R. Jennes, Applied Research Laboratory
Thomas F. Lin, Applied Research Laboratory
Howard L. Petrie, Applied Research Laboratory

Trustees

(Continued from Page 3)

the major in English in the College of the Liberal Arts
Changes in graduate programs are:
- Additions of a master of science degree and doctor of philosophy degree in soil science in the College of Agriculture.
- Addition of a master of music in performance in the School of Music.
College of Arts and Architecture.

- Addition of a master of music in composition/theory in the School of Music, College of Arts and Architecture.
- Addition of a master of music in conducting in the School of Music, College of Arts and Architecture.
- Change in master of arts degree in art history in the College of Arts and Architecture
- Change in master of landscape architecture degree in landscape architecture in the College of Arts and Architecture.

- Change in the master of community psychology degree in community psychology at Penn State Harrisburg.

Budget

(Continued from Page 1)

colleges and schools. University libraries will receive almost \$600,000 in funds through this effort while more than \$600,000 will be added to undergraduate education initiatives for 1991-92.

The Board also approved, in the new budget, a modest 1 percent increase in general departmental allotments - the first in five years.

Leave of Absence

Thomas C. Coleman, director of continuing education, Penn State Beaver Campus, to complete doctoral studies in higher education, administration and policy studies, University of Pittsburgh.

Partings

Albert Miles, assistant professor of English and humanities at the Penn State Ogonitz Campus, has retired after 25 years service.

Dr. Miles is the only faculty member at Ogonitz to have received the campus Outstanding Teacher Award two times, once in 1979 and again this year.

Colleagues and students alike have noted his remarkable ability to stimulate creative ideas from those enrolled in his classes, and have applauded his "cracking enthusiasm."

In addition to his regular teaching assignments, Dr. Miles coached the campus' highly successful varsity tennis team for more than a decade. He was extremely active in campus affairs, serving as a representative to the Faculty Senate for many years and chairing a variety of committees.

Ralph J. Sabock, associate professor of physical education in the College of Health and Human Development, will retire June 30 after 22 years of service.

Dr. Sabock, a faculty member in the Department of Exercise and Sport Science, joined Penn State as an assistant professor in 1969 and was promoted to associate professor in 1974. A statewide and national advocate in sportsmanship and ethics, he wrote *Coaching: A Realistic Perspective*, a book that is now in its fourth edition and has been translated into Japanese.

Dr. Sabock was chosen for the Ethics and Sportsmanship Fellow award by the Institute of International Sport in 1989. He is a member of the American Association of Health, Physical Education, Recreation, and Dance; the Pennsylvania State Association for Health, Physical Education, Recreation, and Dance; the National Council of Secondary School Athletic Directors; and the National Association for Physical Education in Higher Education.

Before coming to Penn State, he was an instructor at the Ohio State University and a high school teacher and coach in Ohio. He holds doctoral and master's degrees in physical education from Ohio State, and a bachelor's in physical education from Muskingum College.

Marvin E. Rozen has retired as professor emeritus of economics after 33 years of service.

Dr. Rozen received his Ph.D. from the University of California, Berkeley, in 1958



Albert Miles

and joined the Economics Department as assistant professor that same year.

Dr. Rozen has published extensively in the areas of economic development, monetary economics, and labor economics. His latest research is a forthcoming book titled, *The Economics of Organizational Change: Workers, Jobs, Labor Markets, and Implicit Contracting*, to be published in the fall by the University of Michigan Press.

In what Dr. Rozen describes as his "indefinite sabbatical," he plans to remain in Boalsburg with his wife, Frieda, and continue to pursue his current research activities.

Barbara A. Rodrock, secretary to the campus executive officer at the Penn State Berks Campus, has retired after 24 years of service.

In prior to being named secretary to the CEO in 1973, Ms. Rodrock served as secretary to the business manager, regional director of the Penn State Foundation and the regional director for continuing education at Berks Campus.

Ms. Rodrock was recognized in 1990 by the Commission for Women as one of its Achieving Women. In 1986, she was a finalist for the Penn State Chapter of Educational Office Personnel for the Outstanding Office Employee Award. She has received the Berks Campus Outstanding Service Award, and chaired the campus'



Ralph J. Sabock

Secretarial Committee from 1978 to 1985. She was twice elected secretary of the campus People of Penn State (POPS) committee.

During her retirement, Ms. Rodrock plans to continue her volunteer work, work in her garden and visit family and friends. She also is planning to devote more time to a genealogical study of her family that she started some time ago, and may go to Ireland to trace records.

Ethel R. Gantz, tray assembler at Hershey, from Oct. 19, 1970, until May 3.

Margaret P. Lukens, stockroom clerk at Cat Hershey, from Sept. 21, 1970, until May 16.

Betty L. Olinger, lab attendant A at Hershey, from Feb. 22, 1971, until June 1.

Paul W. Houck, PENNTAP information coordinator, Agriculture, from Dec. 1, 1978, until June 20.

Lena P. McClellan, residence hall worker, Housing and Food Services, from Jan. 3, 1974, until June 29.

Jane J. Moyer, accounting clerk, Research and Graduate School, from April 25, 1974, until June 1.

Carol M. Ferraro, secretary C, Liberal Arts, from Nov. 1, 1956, until July 7, 1959; and from Dec. 8, 1983, until June 30.

Promotions

The following promotions for staff members in Penn State Cooperative Extension in the College of Agriculture are effective July 1:

To Senior Extension Agent

Kathy Jo Cook
Kathryn Hostetler
Ronald Hostetler
John H. Schwartz
James E. Welshans

To Extension Agent

James C. Cowden
Nashlie M. Ferry
William C. Kleiner
Joann Logan
Janet L. McDougall
Jeffrey Mizer
Gary Sheppard
Christine A. Tomassick

To Associate Extension Agent

H. Bruce Hollerick

Pamela L. Paletta

Nick T. Place

Russell D. Powell

Jeannine Richlin

Richard M. Rudowski

Donald E. Tanner

The Office of the Senior Vice President for Research and Dean of the Graduate School has announced the following promotions for the 1991-92 fiscal year:

To Senior Research Associate

Else Brevall, Materials Research Laboratory
Walter A. Yarbrough, Materials Research Laboratory
Qichang Xu, Materials Research Laboratory

To Senior Scientist

Barry E. Scheetz, Materials Research Laboratory

To Senior Research Assistant

Michael E. Crouse, Applied Research Laboratory
Raymond J. Dopkin, Applied Research Laboratory
Robert J. Ferlez, Applied Research Laboratory
Diane Knight, Materials Research Laboratory
William T. Kupinski, Applied Research Laboratory

To Research Engineer

Mary Jane Hovanec, Applied Research Laboratory

Faculty/Staff Alert

Benefits adds voice-mail

Faculty and staff are now able to contact the Employee Benefits Division at times other than normal business hours.

According to Billie S. Willis, assistant vice president for Human Resources, this enhancement in service is possible through the installation of an electronic message system, commonly referred to as voice-mail. Requests for forms and other benefits-related inquiries or messages may be made using the system during times that members of the benefits staff are not normally available.

The recorded message will ask the caller to leave his/her name, social security number, telephone number and a message. If forms are desired, the caller also should provide a mailing address.

Normal business hours are 8 a.m. until noon and 1 p.m. until 5 p.m., Monday through Friday. The voice-mail system will be available at all other times including the noon-hour, evenings, weekends and holidays. The system may be accessed by dialing the regular Employee Benefits Division telephone number, (814) 865-1473. Dr. Willis emphasized that during normal office hours all telephone calls will continue to be answered by the benefits staff.

Obituaries

Sara K. Ness, retired assistant director of undergraduate admissions, Academic Services, died June 1 at the age of 60.

Mrs. Ness was a 1946 graduate of Bucknell University with a bachelor of science degree in psychology and attended graduate school at Penn State, where she majored in clinical psychology. In 1948 and 1949 she was a psychologist at the Harrisburg Center of Penn State. At University Park, Mrs. Ness served in the Office of Undergraduate Admissions as admissions assistant from 1970-74.

admissions counselor from 1974-79, and as an assistant director from 1979 until her retirement in 1987.

Memorial contributions may be made to The Paterno Libraries Endowment, 1 Old Main, University Park, Pa. 16802.

Mary C. Lucas, group leader, salad maker, Housing and Food Services, from Jan. 10, 1962, until her retirement May 24, 1975, died May 22. She was 78.

Ruby M. Venturato, secretary, Intercollegiate Athletics, from Sept. 1, 1971, until her retirement April 19, 1989, died May 30. She was 62.

Appointments

Three new department heads have been named in the Eberly College of Science.

They are **Jerry Bona**, professor of mathematics, Department of Mathematics; **Mary Jane Irwin**, professor of computer science, Department of Computer Science; and **James Rosenberger**, associate professor of statistics, Department of Statistics.

Dr. Bona has served as acting head of mathematics since 1990. A 1966 graduate of Washington University in St. Louis, with a bachelor's degree in applied mathematics and computer science, he earned his doctoral degree in mathematics at Harvard University in 1972.

Prior to his appointment in 1986 as professor of mathematics at Penn State, he was on the faculty of the University of Chicago faculty for 14 years and served as a research fellow at the University of Essex Fluid Mechanics Research Institute.

He currently is a visiting professor at Université de Paris-Sud and at Ecole Normale Supérieure de Cachan. Recently, he was visiting professor at the University of Minnesota Institute for Mathematics and its Applications and research professor at the Penn State Applied Research Laboratory.

Dr. Bona currently serves on the Mathematics Association of America Committee on the Undergraduate Program in Mathematics, the Organizing Committee of the Three Rivers Applied Mathematics Colloquium, the American Association for the Advancement of Science Committee on Education, and the SIAM Committee on Committees and Appointments.

Dr. Irwin succeeds Dr. Joseph Lambert, associate professor of computer science and mathematics, who will be taking over at associate department head.

Prior to joining the University faculty as an assistant professor in 1977, she was a graduate research and graduate teaching assistant at the University of Illinois for five years. She earned her bachelor's degree in mathematics at Memphis State University and her master's and doctoral degrees in computer science at the University of Illinois at Urbana-Champaign.

Dr. Irwin is a senior member and distinguished lecturer of the Institute of

Electrical and Electronics Engineers (IEEE) Computer Society. She also is secretary treasurer of the Association for Computer Machinery (ACM) SIGARCH and a member of the board of directors of ACM SIGDA.

Since 1986 she has been on the advisory committee of the National Science Foundation Microelectronics and Information Processing Systems division, and since 1980 she has been an ACM Special Interest Groups conference advisor and a member of the Supercomputing Conferences Steering Committee and the Design Automation Conferences Executive Committee.

Dr. Rosenberger, who has been acting head of statistics since 1990, succeeds Dr. Thomas Hettmansperger, professor of statistics, who returned to full-time teaching and research.

A member of the University faculty since 1976, Dr. Rosenberger is supervisor of the Statistical Consulting, Practicum and founding director of the department's Statistical Consulting Center, which was established in 1982 to provide statistical assistance to researchers in other disciplines and to provide realistic examples of research collaboration for training graduate students in statistics.

He earned his bachelor's degree in mathematics at Eastern Mennonite College in 1968, his master's degree in mathematics at Polytechnic Institute of New York in 1972, and his doctoral degree in biometry at Cornell University in 1977.

Prior to joining the University faculty, he was a programmer and statistical assistant in the cardiovascular research department of New York University Medical Center and then a graduate assistant in the biometrics unit of Cornell University. In 1980, he held a National Cancer Institute Postdoctoral Fellowship at Harvard University and was a research fellow in Biostatistics at Harvard's School of Public Health.

Diane M. Enerson, director of the College Academic Tutor Program at The University of Chicago, has been appointed director of the Instructional Development Program, effective Aug. 1.

As IDP director, Dr. Enerson will provide University-wide leadership in supporting and encouraging faculty efforts in the maintenance and improvement of instructional quality.

The Instructional Development Program, a unit of the Office of Undergraduate Education, offers a number of programs including certificated teaching assistant preparation; curricular design consultation; formative assessment of teaching; new faculty orientation; research initiatives, and special initiatives, including collaborative projects with colleges, campuses, and departments.

Among its faculty development activities, IDP develops workshops, conferences and seminars for specific needs; provides consultation regarding personal professional development goals; creates opportunities for interested faculty to become IDP associates, and facilitates linkages among faculty with similar instructional interests.

Dr. Enerson, a graduate of Penn State with a B.S. degree, received an M.A. degree in special education from the University of Pittsburgh and a Ph.D. in educational psychology from The University of Chicago.

While in her present position at The University of Chicago, Dr. Enerson also served as learning and study skills consultant and director of teaching and learning resources.

She has published a handbook for beginning teachers which grew out of the activities of the Chicago Teaching Project. Her current major research interest is completion of a study on styles of teaching.

Prior to joining The University of Chicago staff, Dr. Enerson served as a learning disorders clinician at the Western Pennsylvania Hospital, Pittsburgh, and was a junior high science and mathematics teacher in Peoria, Ill.

Richard C. Nelson has been named head of the Department of Exercise and Sport Science. Dr. Nelson, who had been interim head of the department since last July, will serve a three-year term.

Dr. Nelson, a University faculty member since 1964, is professor of biomechanics. He also is founding director of the

Biomechanics Laboratory, a position he will continue to hold.

His research focuses on ways to improve athletic performance and reduce injury, including testing and evaluating sports equipment. Most recently he has been conducting biomechanical analyses of the movements of Olympic swimmers, divers, cross country skiers, and gymnasts, based on filming during competition at the Los Angeles, Calgary and Seoul games.

Dr. Nelson serves on the Medical Commission of the International Olympic Committee. He is past president of the International Society of Biomechanics, and is founding editor of the International Journal of Sport Biomechanics.

In 1977 the International Council of Sport Science, part of UNESCO, presented him with its Philip Noel Baker Research Prize for research contributions in sport biomechanics. He received the Citation Award from the American College of Sports Medicine in 1989.

Dr. Nelson holds a Ph.D. in exercise science from Michigan State University and an M.Ed. from the University of Houston. His undergraduate school, St. Olaf College, named him a Distinguished Alumnus in 1979.

Dehra Shafer, former assistant director of educational services at WPSC-TV, has been appointed acting director of its Center for Instructional Design and Integrated Technologies.

Ms. Shafer, who holds a master's degree in adult education from Penn State, has worked for WPSC-TV since 1986.

The Center's mission is to participate in education, research and public service through the design and distribution of media-based instructional materials developed in collaboration with others.

In her newest position with the Center, Ms. Shafer will continue to manage the adult literacy unit, including ongoing utilization of the video training and support series "On Your Own," a course series for adults in basic mathematics, reading, writing and grammar. She also will evaluate current and future higher education needs that can be met by various satellite, cable and video distribution systems.



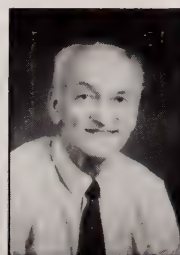
Jerry Bona



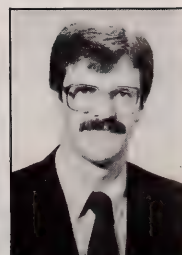
Diane M. Enerson



Mary Jane Irwin



Richard C. Nelson



James Rosenberger

University Park Calendar

July 25 --
August 11

Special Events

Thursday, July 25
Summer Sessions, music at noon, Fisher Plaza.
Summer seminar, 3:30 p.m., Nittany Lion Inn.
Summer meetings on lasers and materials processing at Penn State, 3:30 p.m., 112 Walker.

Demonstration of Microsoft Windows 3.0
1:15-4 p.m., HUB Assembly Hall. Jeff James
Microsoft Corp.

Friday, July 26
Summer Sessions, ice cream "diversions," 7-8 p.m., Creamery/Pavilion.

Saturday, July 27
Shaver's Creek, Forge-on to the Iron Furnace, 1:30-3 p.m., Call 863-2000.

Sunday, July 28
Shaver's Creek, Environmental Games for Kids, 1-2:30 p.m., Call 863-2000.

Tuesday, July 30
Shaver's Creek, Eco-Venture, through Aug. 3, 1-3:30 p.m., Call 863-2000.

Summer Sessions, music at noon, Fisher Plaza; architecture lecture, 4 p.m., 112 Walker.

Wednesday, July 31
Summer Sessions, summer scholars, 3-5 p.m., Roberson Cultural Center, HUB lawn film, 9 p.m.

Thursday, August 1
Summer Sessions, music at noon, Fisher Plaza; summer seminar, 3:30 p.m., Nittany Lion Inn.



Charles W. Moore, the internationally-acclaimed architect who designed the addition to the Palmer Museum of Art, will present his recent works at 4 p.m. Tuesday, July 23, in 112 Walker Building.

Friday, August 2
Summer Sessions, ice cream "diversions," 7-8 p.m., Creamery/Pavilion.

Tuesday, August 6
Summer Sessions, music at noon, Fisher Plaza; architecture lecture.

Saturday, August 10
Shaver's Creek, Astronomy for Amateurs, 8:30-10:30 p.m., Call 863-2000.

Public Radio

WPSU-FM 91.1

"All Things Considered," Mnday-Friday, 5-6:30 p.m., Saturday and Sunday, 5-6 p.m.
Morning Edition, Monday-Friday, 6-8 a.m., Weekend Edition, Saturday and Sunday, 11 a.m.-1 p.m.
"Odyssey Through Literature," 12:30 p.m. Wednesdays with 5 Leonard Rubinstein.
"Perspectives," 6:30 p.m. Wednesdays, with Jeff Ballou.
"Creative License," 12:30 p.m. Thursdays.

Conferences

Continuing Education

Keller Building
Technology Short Course: Barret McCormick, chair; Norm Lathbury, coordinator.
July 29-Aug. 2, Boller/HVAC Water Treatment. James Tomlinson, chair; Norm Lathbury, coordinator.

July 29-Aug. 2, Augmentative Communication. John Salvia, chair; Kathy Karchner, coordinator.

Aug. 2-4, Profiles in the Third Age. James Weeks, chair; Jack Sinclair, coordinator.

Aug. 4-9, Credit Union Management Institute. Shirley Hendrick, chair; Barb Impelitteri, coordinator.

Aug. 5-7, Water Work Operators Annual Conference. David Long, chair; Chuck Herd, coordinator.

Aug. 6-11, Society for the Study of Amphibians and Reptiles and the Herpetologists League. Linda Maxson, chair; Jack Sinclair, coordinator.

Exhibits

Pattee Library

Lending Services Gallery:
Chris Hughes' "Retropuzzle," through Aug. 29.
Penn State Room:
JRB, 100 John R. Bucken and the "Development of Landscape Architecture at Penn State," through Sept. 30.

Rare Books Room:
"History of Rhetoric and Rhetoric Textbooks," through Aug. 15.

Tips

Information Penn State

Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are: Weather-234; Arts Line-345; University Calendar-456.

Focus on the arts

'Palms and Fora'

Peter Magyar, head of the Department of Architecture, will present "Palms and Fora" at 4 p.m. Tuesday, July 30, in 112 Walker Building at University Park.

The lecture is part of "The Campus and the City" series sponsored by the Office of Summer Sessions and the Department of Architecture.

Professor Magyar has taught at Auburn University, Ahmadu Bello University in Nigeria, the Technical University of Budapest and as a visiting professor at Cincinnati University and the Royal Academy of Arts and Architecture in Copenhagen, Denmark. He also maintains an active design and consulting practice.

Art exhibit

"The Decade Show, 1982-1991 State College Alumni," organized by Robert Placke, fine art instructor at the State College Area Senior High School, is on display in Pattee Library's East Corridor gallery through July 31.

The exhibition includes art work produced by State College High School alumni from the years 1982 through 1991 who have continued their artistic careers at various universities and design schools. The 27 works on display represent several fields

of art study including architectural renderings, graphic design, photography, fine art, education, sculpture and industrial design.

Of the exhibition, Placke remarks, "The overall concept is to promote all fields of study of the arts, to showcase the State College School District and to provide a degree of ownership of the local talent."

Odyssey on WPSU

Comparative Literature graduate student Charles Kraszewski presents his translations of modern Polish and Czech poems on "Artificial Respiration," the next episode of "Odyssey Through Literature" on WPSU.

Mr. Kraszewski follows George Steiner's theory of translation, that the translator's aim is to recreate the original verse. The translation is a new poem: Not an equation but an equivalent.

"It is a betrayal of the translator's work if he tries to bring over the music of the original language," he says, adding that a successful translation should have the same effect on the person reading it in English as the original had in Polish or Czech.

On the Aug. 7 program, "The Mystery of Moral Indignation," host S. Leonard Rubinstein talks with J. Madison Davis, professor of English at Penn State Erie The

Behrend College, about his two mystery novels.

"The Murder of Fran Schind," says Rubinstein, reveals a fascination with the extremes of cruelty, with evil inside of everyone.

Its historical context "excuses the reader from any responsibility," but *Walt Rock*, Davis's second novel, speaks of "a current frightening phenomenon," the Ku Klux Klan. "You are not now excusing us from responsibility," says Rubinstein, "Is this some calculated plot on your part?"

"Odyssey Through Literature" is produced by the Comparative Literature Department in the audio-production studios of WPSU-TV. It airs Wednesdays at 12:30 p.m. on WPSU, 91.1 FM.

Porcelain on view

During the month of August, the Palmer Museum of Art's "Figure of a Dutch Girl" will be exhibited in the lobby of Peoples National Bank at the corner of Allen Street and Calder Way in State College.

The porcelain figure was created in China around 1735, during the Ch'ing Dynasty. As a prime example of export porcelain executed for trade between China and Europe, the dress reflects European fashion aesthetic while the facial features are Asian.

The piece is part of the bequest made to the museum in 1986 by Harold Tonkin, Penn State class of 1923, and his wife. Avid collectors of Chinese jade, ceramics and export porcelain since 1955, the Tonkins enriched the museum's permanent collection with art objects from the Han Dynasty (206 B.C.-220 A.D.) to the 20th century.

The public is invited to view this piece and a new one each month as part of "Art to Go" at Peoples National Bank. Conceived by the Friends of the Palmer Museum of Art, the "Art to Go" exhibition complements "The Permanent Collection from Floor to Ceiling," on view in the museum's second floor during construction of the new wing.

'Retropuzzle'

The exhibit, "Retropuzzle," by Chris Hughes is on display in Pattee Library's Lending Services Gallery through Aug. 29. Of his prints, he comments, "They reflect my interest in extreme and skewed angles and views. My art also speaks of abstraction, dissolution and transfiguration."

Mr. Hughes is a student at Penn State majoring in printmaking.

Bookshelf

Paul S. Greenlaw and Michael P. Hottenstein, professors of management, are co-authors of the second edition of their production management simulation text *Prosim*.

The book helps students understand business processes through models of corporate operation in which they are required to solve problems and make decisions in a dynamic business environment. Printed by Harper Collins Publishers, New York City, the 1991 edition replaces one which has been in print for more than 20 years.

The new edition incorporates up-to-date cost structures, numerous new analytical tools and an extended decision-making horizon.

Furthermore, the business simulations in *Prosim* may now be run with the assistance of a personal computer, rather than a mainframe, as with the first edition. Disks are provided with the algorithms and tools necessary for students to make decisions in operating their simulated company.

Rangachar Kasturi, associate professor and acting director of computer engineering, is co-author, with Mohan M. Trivedi of the University of Tennessee, of *Image Analysis Applications*, published by Marcel Dekker Inc.

Dr. Kasturi, who also wrote two chapters in the book, said that intelligent machines must be able to interpret images accurately in order to perform many useful functions. *Image Analysis Applications* demonstrates the successful employment of new methods designed to increase the visual sensory capabilities of computers.

It is a reference for computer, optical, laser, electrical and electronics engineers involved with computer and robot vision, digital image processing, pattern recognition and artificial intelligence, and for graduate-level students.

Dan W. Kennedy, institutional research coordinator in Division of Planning Studies, and **Ralph W. Smith**, assistant professor of leisure studies, are co-authors of the second edition of the textbook *Special Recreation: Opportunities for Persons with Disabilities*, published by William C. Brown. The book's third co-author is David R. Austin of Indiana University.

The textbook reflects a growing interest in providing services to meet the recreational needs of persons with disabilities. The authors use the term "special recreation" to describe freely chosen leisure activities, rather than recreation as therapy.

The new edition includes strategies for integrating people who have disabilities into recreational programs for people who do not have disabilities. The new edition also replaces terms such as "disabled persons," in which the disability describes the person, with "persons with disabilities," in which the focus is on the individual.

Linda Patterson Miller, associate professor of English at the Penn State Ogontz Campus, is the editor of *Letters from the Lost Generation*, Gerald and Sara Murphy and Friends, published by Rutgers University Press.

The collection of letters tells the story of one of the most famous literary "sets"

of the 20th century — Gerald and Sara Murphy at the center of a group comprised of Ernest Hemingway and his wives, F. Scott and Zelda Fitzgerald, John Dos Passos, Archibald MacLeish, Dorothy Parker, Alexander Woolcott, Robert Benchley, Philip Barry, and many others. They personify the jazz age and the lost generation.

The book contains nearly every extant letter between the Murphys and their friends during those decades. Most of them have never been published previously, and, of course, they have never been presented collectively.

Together, they constitute an epistolary "novel" of peculiar power and authenticity. This is a story about an era that had its own special flair, along with its later tragedies.

Michael J. Rovine, assistant professor of human development, and **Alexander von Eye**, professor of human development, are co-authors of *Applied Computational Statistics in Longitudinal Research*.

The book, published by Academic Press Inc., examines new statistical strategies in longitudinal research and shows how to implement those techniques on a computer. It is designed to be useful even for researchers who have only limited experience in computer programming.

The book can be used as a stand-alone or as a companion to the two-volume *Statistical Methods in Longitudinal Research*, of which Dr. von Eye is editor.

Longitudinal research, which makes use of repeated measurements over time, is especially useful in studying development and change. Applications

can be found in human development, psychology, sociology, medicine, education, engineering and other fields.

K. Warner Schaie, Even Pugh professor of human development and psychology, is co-editor of *Self-Directedness: Cause and Effects Throughout the Life Course*.

The book, published by Lawrence Erlbaum Associates, is the third in a series sponsored by the University's Gerontology Center. The other editors are Judith Rodin of Yale University and Carmi Schooler of the National Institute of Mental Health.

A person's self-directedness, or sense of control, is thought to play a role in determining whether that person will lead a long, healthy, effective, and fulfilling life, or surrender to ill health, loneliness, and withdrawal.

Chapters focus on such topics as career paths, the development of a sense of control in childhood and adolescence, control and health, and intellectual performance over the life course.

Martin S. Stabb, professor of Spanish and chair of the Latin American Studies Program, is the author of *Borges Revisited*, published by Twayne Co. of Boston.

Drawing on recent literary theory to reassess the Argentine writer's role in Western literature, Dr. Stabb discusses the Borges style and humor and interrelated texts. He covers Borges' metafictional tactics and traces his influence on Latin American and postmodernist writers Thomas Pynchon, John Barth, Gabriel Garcia Marquez, Carlos Fuentes and Julio Cortazar.

Penn Staters

Hans Baumgartner, assistant professor of marketing, presented the paper "An Investigation into the Validity of Self-Reported Measures of Exploratory Behavior Tendencies" at the European Marketing Association Conference in Dublin, Ireland.

Joseph S. DiGregorio, associate dean for commonwealth and continuing education and international programs, College of Engineering, has been elected director of the American Society of Engineering Education Engineering Technology Council.

T.P. Hettmanperger, professor of statistics in the Eberly College of Science, has returned from a six-month leave of absence to Switzerland, Finland, and Australia, where he presented a series of 10 lectures at the University of Bern's Institute for Mathematical Statistics, Switzerland; a

series of 12 lectures at the University of Oulu, Finland; an invited paper at the University of Tasmania's Department of Mathematics, and an invited colloquium talk at Latrobe University's Department of Statistics, Melbourne, Australia. He also served as the Sir Walter Scott Visiting Professor of Statistics at the University of New South Wales' Australian Graduate School of Management in Sydney.

Austin J. Jaffe, professor of business administration, led a seminar titled "Property Rights and the Role of Financing in Housing Markets" for the Institute of Economic Forecasting of the U.S.S.R. Academy of Sciences in Moscow and gave a speech, "Some Aspects of Property Rights and Housing Policies in Market Economies" to the Moscow City Council.

The National Endowment for the

Humanities has awarded a Humanities Summer Stipend to **Richard Kopley**, associate professor of English at the Penn State DuBois Campus, to support his research concerning essays and reviews written by Edgar Allan Poe.

Robert E. Newnham, professor of solid state science, has been elected an Academician of the International Academy of Ceramics for his "significant contributions to the advancement of ceramic science and technology."

Jerry C. Olson, the Charles and Lillian Binder Faculty Fellow, presented a working paper on the measurement of consumer knowledge structures at the European Marketing Association Conference in Dublin, Ireland.

C.R. Rao, holder of the Eberly Family Chair in Statistics and director of the

Center for Multivariate Analysis, has received an honorary doctor of science degree from the University of Hyderabad in India.

Frank Swetz, professor of mathematics and education at Penn State Harrisburg, gave a faculty seminar on "Textbooks in the Middle Ages and Today: Thoughts on the Function of the Textbook in Mathematics Education" at the Open University, Milton Keynes, England.

Roy F. Willis, professor of physics in the Eberly College of Science, has been elected a Fellow of the American Physical Society in his "contributions to surface physics, in particular the observation of surface electronic states, surface magnetic order and surface vibrations employing innovative developments in electron spectroscopic methods."

Private Giving to Penn State

Campaign for Hershey

Four Diamonds pledges \$500,000

The group that administers financial aid to the families of children with cancer at the Hershey Medical Center has pledged \$500,000 to the Campaign for Hershey.

The Campaign is an effort to raise \$10 million in private funds to help build and equip the new Biomedical Research Building now under construction adjacent to the College of Medicine. The pledge is directed toward the childhood cancer research area of the building.

The Four Diamonds Advisory Board fund-raising effort, chaired by Jane Rice, director of public relations for Utz Quality Foods Corp., has already secured more than \$160,000, including commitments from Mr. and Mrs. Kenneth Hatt of Hershey (\$60,000), the Hershey Bank (\$50,000), the Hershey-Palmyra Sertoma Club

(\$15,000), Nondas "Pete" Skindas of Lancaster (\$10,000), Utz Quality Foods of Hanover (\$10,000), Jane Rice of Hanover (\$6,000), and Mr. and Mrs. Curtis Walizer of Hershey (\$5,000).

"The members of this board are well aware of the need for expanded cancer research. Our pledge reflects this knowledge, and underscores the concern and dedication that we all share," said Nelson Sears, chairman of the Four Diamonds Advisory Board and program manager, WGAL-TV in Lancaster.

The Four Diamonds Fund, founded in 1972, aids families by funding social services, treatments, Child Life programs and cancer research. It has received nearly \$3 million since 1977 from an annual dance marathon sponsored by the Penn State Interfraternity

and Panhellenic council. The funds raised by the marathons now support about 350 families.

Approximately \$37 million of the cost of the 256,000-square-foot Biomedical Research Building will be underwritten through a bond issue and the use of financial reserves. No public funds will be used.

The seven-story building will contain laboratories for the departments of Anesthesia, Medicine, Microbiology and Immunology, Neuroscience and Anatomy, Ophthalmology, Pediatrics, Radiology and Surgery — which will include further work on organ transplantation. It also will contain the first new student space — seminar and activity rooms — to be constructed since the Medical Center was first built.

Whitaker Foundation aids heart research

The Whitaker Foundation has committed \$300,000 to the Campaign for Hershey to help in the construction of the heart research area in the new Biomedical Research Building at the Hershey Medical Center.

The foundation, which is a major national underwriter of biomedical research, has previously supported many research projects at the Medical Center, including work on the artificial heart. It also has been the primary sponsor of the Whitaker Summer Scholars Program, which brings area college students to the Medical Center to participate in scientific research projects.

Established by U.A. Whitaker in 1975, the foundation primarily seeks to support biomedical and engineering research. Mr. Whitaker was the founder

of Aircraft Marine Products Co., now known as AMP Inc.

"The Medical Center and the Whitaker Foundation have enjoyed a long and close relationship," C. McCollister Everts, senior vice president for health affairs and dean of the College of Medicine, said. "We are partners in many areas, and this new commitment is sincerely appreciated."

The \$46.3 million, 236,000-square-foot Biomedical Research Building is under construction next to the College of Medicine. Approximately \$37 million of the cost will be underwritten through a bond issue and the use of financial reserves. A campaign to raise \$10 million in private donations was announced in March, with more than \$5 million having been raised so far.

No public funds will be used.

"The Whitaker Foundation has long supported the important work being done at Hershey, and is pleased to be a part of this effort to enhance the research capabilities of the Medical Center," Miles Gibbons, president of the foundation, said.

The seven-story building will contain laboratories for the departments of Anesthesia, Medicine, Microbiology and Immunology, Neuroscience and Anatomy, Ophthalmology, Pediatrics, Radiology and Surgery. It also will contain the first new student space, seminar and activity rooms to be constructed since the Medical Center was first built in the late 1960s.

Alumna's estate aids diversity programs

A 1937 alumna was so concerned about bigotry on college campuses that she earmarked one-quarter of her estate for the establishment of programs in diversity at the University.

Reva Lincoln Messier, who died April 15, was a former member of the nutrition faculty at Ohio State University. In making her bequest, she said she had always wanted to do something for Penn State in appreciation for her "four wonderful years" there.

She also became concerned about what she saw as a growing pervasiveness of bigotry on American campuses, and decided that her bequest should provide opportunities for students to experience the values of diversity.

"Mrs. Messier's bequest is a wonderfully sensitive and fitting expression of support, and I am privileged to accept it on behalf of the University," President Thomas said.

Since the bequest is for a percentage of Mrs. Messier's estate, the final value of

the gift must be estimated, according to James A. Rhodes, director of the Office of Trusts, Estates and Endowments. He said the University estimates that it will receive approximately \$200,000, and perhaps as much as \$250,000.

Under the terms of the bequest, an endowment will be established "to provide opportunities for students to partake of the racial, ethnic and religious diversity of campus life and to explore differences in a non-confrontational way."

A native of Palmyra, N.Y., Mrs. Messier taught in Pennsylvania schools for four years after graduating from Penn State. She then received a master's degree from Cornell University in nutrition and biochemistry, and worked for six years at the University of Arizona as an extension nutritionist. From there, she joined the nutrition faculty at Ohio State. Her husband, the late Robert Louis Messier, was editor of *Clinical Abstracts* at Ohio State.

Pa. Restaurant Association

Mateer Building receives pledge

The Pennsylvania Restaurant Association has pledged \$100,000 from its members to help build the new quarters of the School of Hotel, Restaurant and Institutional Management.

The 35,000-square-foot Mateer Building will be adjacent to Keller Conference Center at University Park. It will house a computer center, technology center, dining room, production and research kitchens, classrooms, a multimedia resource center and administrative and faculty offices.

"It is very important for the PRA to maintain a strong relationship with the educational community to project a professional image for the industry and to all young adults considering a career in the food service industry," Nick Rillo, owner of Rillo's Restaurants of Camp Hill, Carlisle and Mechanicsburg, and chairman of the association's fund-raising effort, said. "We are proud to be

a part of such an important investment in the education of our industry's future managers."

Stuart Mann, acting director of the school, said the school has a long record of supplying quality employees to the hospitality industry.

"The restaurant association's pledge reflects an awareness that the University provides research and professional support and well-trained employees," he said. "The Mateer building is evidence of our commitment to meet the needs of the hospitality industry, both locally and around the Commonwealth. We believe that the training and research the school provides will help to build a stronger relationship between 'town and gown,' as well," he noted.

Construction costs are estimated at \$5.6 million and equipment is estimated to cost approximately \$1.4 million.

Staff Vacancies

The following vacancies for positions classified as staff exempt or staff nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. **APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE) 8:30-0304.** Applications for these positions will be accepted until **AUGUST 1. DO NOT CONTACT THE AREA THAT HAS THE VACANCY.** Applications for staff vacancies are considered in accordance with Fair Employment practices (FE-1) and in compliance with the University's Alternative Action Compliance Program without regard to race, color, religion, national origin, handicap or age as provided by law, sex, or status as a disabled or Vietnam era veteran.

■01008, Director of Development and University Relations, Development and University Relations, School of Communications, University Park Campus - Responsible to the executive director of university development and working closely with the dean of the School of Communications for developing and conducting fund-raising programs and related activities for the School of Communications. Requires bachelor's degree, or equivalent, in marketing, communications or related field, plus four to five years of effective experience in major gift fund-raising in a nonprofit environment with evidence of skill in written and verbal communication. Travel required. **STAFF GRADE 9.**

■01613, Advising and Counseling Specialist, New Kensington Campus, Student Programs and Services - Responsible to the director of student programs and services for organizing and conducting a comprehensive student-centered career development and placement service and marketing program for the entire campus. Requires master's degree, or equivalent, in counseling or related field, plus one to two years of effective experience in counseling or a closely related area. This is a re-announcement. Previous bidders need not re-apply. **STAFF GRADE 7.**

■01617, Coordinator, Research and Ph.D.M.S. Programs, The Smear College of Business Administration, Division of Research, University Park Campus - Responsible to the associate dean for research for the administrative functions of the Division of Research; for external funding; administering contracts; grants and budgets; the supervision of staff; and for the coordination of Ph.D. M.S. services to the academic departments. Requires bachelor's degree in business administration, or equivalent, with three to four years of effective experience. Knowledge of computer and computer systems and writing skills and research experience is highly desirable. **STAFF GRADE 7.**

■01618, Assistant to the Dean, The Smear College of Business Administration, Office of the Dean, University Park Campus - Responsible to the dean for the management of all activities directly associated with the dean's administrative and executive

responsibilities, as well as the effective and efficient operation of the dean's office. Requires bachelor's degree in business administration, or equivalent with two to three years of experience. MBA desired. Strong interpersonal, management, and analytical writing skills required. Knowledge of Penn State administration and educational structure as well as computer and computer systems preferred. **STAFF GRADE 7.**

■01619, Admissions Counselor, Behrend College, Admissions - Responsible to the director of admissions for a variety of duties involving recruitment and admission of minority EOP and freshman students to the college and university. Requires bachelor's degree, or equivalent, plus one to two years of effective experience in college recruiting and admissions or other public contact experience requiring dealing with the public, public relations, marketing, etc. **STAFF GRADE 6.**

■01462, Student Activities Assistant, Altoona Campus, Student Programs and Services - Responsible for the onsite implementation of events and weekend activities of performing groups, speakers, theatre productions, films, and activities of student organizations. Requires bachelor's degree, or equivalent, in a student services related area plus one to two years of effective experience in student activities and/or theatre production, etc. Note: working hours for this position are from 9 p.m. to 5 p.m. This is a re-announcement. Previous bidders need not re-apply. **STAFF GRADE 5.**

■01621, Assistant Director of Development, Division of Development and University Relations, Hershey Medical Center - Responsible to the director of development for coordinating a variety of special events and projects, acting as primary liaison with outside groups, coordinating appeals and publicity, and contributing to various office projects and publications. Requires bachelor's degree, or equivalent, plus one to two years of development or related experience. Good oral and written communications skills are essential. This is a fixed-term position funded through June 30, 1992, with good possibility of re-funding. **STAFF GRADE 6.**

■01622, Special Waste Handling Assistant, University Safety, University Park Campus - Responsible to the laboratory safety and waste disposal specialist to coordinate and implement the scheduling, collection, transportation of chemical and biological materials and to communicate policies and procedures to the University community. Requires associate degree, or equivalent, with courses in biology, chemistry, microbiology, biochemistry or related field plus one to two years of effective experience in the handling and disposal of wastes, and experience in using computers and oral/written communication skills. A bachelor's degree is preferred. This is a fixed-term position funded through June 30, 1992, with a good possibility of re-funding. **STAFF GRADE 4.**

■01623, Assistant Financial Aid Coordinator, Academic Services,

Student Aid, University Park Campus - Responsible to the director of student aid services for assisting in designing, creating and maintaining client service procedures. Requires bachelor's degree or equivalent, plus one to two years of effective experience in an area applicable to aid administration. Excellent interpersonal skills are required. **STAFF GRADE 5.**

■01624, Senior Auditor - Computer Systems, Corporate Controller, University Park Campus - Responsible to audit manager. Computer Systems. for the analysis of systems and the development of computer programs to audit and evaluate the integrity of processing and reliability of controls in systems. Requires bachelor's degree or equivalent in accounting, computer science or related management field plus two to four years of effective experience in internal auditing or in financial or operational controls or administration. Experience with security software, mainframe operating systems, and/or at least one major mainframe programming language desired. Incumbent must be able to express himself/written, orally and in writing. **STAFF GRADE 7.**

■01625, Assistant Marketing Manager, Senior Vice President for Research and Dean of the Graduate School, University Press, University Park Campus - Responsible to the marketing manager. University Press, for assisting with the planning, development, sales, and implementation of marketing efforts of the University Press. Requires bachelor's degree or equivalent in marketing, journalism, or English plus one to two years of effective experience in scholarly publishing. **STAFF GRADE 5.**

■01627, Assistant to the Director of Student Programs and Services, Beaver Campus - Responsible to the director of student programs and services for the supervision and program direction of student activities, including day-to-day inspection of related facilities. Also provide support for the functions of financial aid and admissions. Requires master's degree, or equivalent, in student personnel or other related fields, plus one year of effective experience or bachelor's degree with two to three years of effective experience. **STAFF GRADE 6.**

■01628, Scene Shop Supervisor, Arts and Architecture, Department of Theatre Arts, University Park Campus - Responsible to the staff technical supervisor for supervising the day-to-day operation of the scene shop in the Theatre Arts Production Studio and for assisting in providing instruction to students in the use of all shop equipment in scenery construction, prop, and in theatrical rigging. Requires bachelor's degree in technical theatre and one year of effective experience in scenic studio and theatres. This is a fixed-term position funded through June 30, 1992, with possibility of re-funding. **STAFF GRADE 4.**

■01635, Classroom Assistant, (Assistant Group Supervisor, Health and Human Development, Human

Development and Family Studies, University Park Campus - Responsible for planning and supervising activities for pre-school children ages 2 1/2 - 4 planning and coordinating a parent involvement program, and overseeing and directing the work of university students. Requires bachelor's degree or equivalent, in early childhood education special education or human services field plus a minimum of three months of experience with young children or associate degree or equivalent plus one year of direct experience with infants, toddlers or young children. **STAFF GRADE 4.**

■01636, Senior Applications Software Designer/Programmer, CES, Management Systems, University Park Campus - Responsible to the assistant manager, applications development, for leadership of major data processing development projects. Requires bachelor's degree or equivalent in computer science, MIS or related field, plus two to three years of effective experience in computer programming, systems analysis, management information systems, and/or database control systems. Working knowledge of fourth generation development environment as well as experience in accounting financial management budgeting, or other administrative areas is desirable. **STAFF GRADE 7.**

■01637, Applications Systems Specialist, CES, Management Systems, University Park Campus - Responsible to the senior applications software designer/programmer for consulting with CES and CE personnel on automated systems development projects. Requires bachelor's degree or equivalent, in business or management information systems or related field and one to two years of effective experience in computer programming and analysis. Experience with fourth generation development environments and/or microcomputer development highly desirable. **STAFF GRADE 6.**

■01638, Human Resource Trainer, Office of Human Resources, Human Resource Development Center, University Park Campus - Responsible to the manager, Human Resource Development, for providing assistance in developing and implementing services relating to orientation and diversity. Requires bachelor's degree, or equivalent, plus one to two years of effective experience. This is a fixed-term position funded through June 30, 1992, **STAFF GRADE 6.**

■01629, Junior Engineering Aide, Applied Research Laboratory, University Park Campus - Responsible to the project engineer or designated senior engineering aide for assistance the fabrication, testing, installation, operation, and maintenance of non-standard electronic or mechanical parts, components, and equipment. Requires bachelor's degree, or equivalent, in electrical or mechanical engineering technology program and more than three months of effective experience. Position may require travel on field assignments including assignments abroad such as sea, U.S. citizenship required. **STAFF GRADE 3.**

■01630, Engineering Aide, Applied Research Laboratory, University Park Campus - Responsible to the project engineer or senior engineering aide for the record, design, fabrication, and construction of standard electronic or mechanical components and equipment. Requires associate degree, or equivalent, plus two to four years of effective experience in the design and fabrication of experimental equipment. Position may require travel on field assignments, including assignments aboard ships at sea. U.S. citizenship required. **STAFF GRADE 5.**

Hershey

For the following position vacancies apply directly to The Milton S. Hershey Medical Center. Attach resume with cover letter indicating the position, vacancy code and forward to the Department of Human Resources, Hershey, or call the Hershey bid line at (717) 531-6531 by August 1.

■7592, Histopathology Technology, Department of Anatomic Pathology - Responsible to the chief, Surgical Pathology Laboratory, for the performance of various procedures, techniques and processes utilized in the lab. Requires an associate degree and A.S.C.P. (H.T.) registration or equivalency and one to two years effective experience. **STAFF GRADE 4, NONEXEMPT, GRADE 4.**

■7618, Reimbursement Analyst, Department of University Physician Professional Billing - Responsible to the assistant director for reimbursement for developing and maintaining a proficient in third party reimbursement and audit and billing procedures. **STAFF GRADE 6.**

■1098, 1267, Clinical Head Nurse, 12 positions available Department of Nursing/Pediatric Inpatient Rehab Unit - Responsible to the nursing manager and/or the assistant director of nursing services for performing a variety of nursing duties, as well as providing leadership to nurse clinicians and other patient care personnel. Requires registered nurse with a current license to practice professional nursing in Pennsylvania, plus one to two years of effective nursing experience. Bachelor of science in nursing preferred. **STAFF NONEXEMPT, GRADE 5.**

■1268, 1269, Clinical Head Nurse, 12 positions available Department of Nursing/Pediatrics - Responsible to the nursing manager and/or the assistant director of nursing services for performing a variety of nursing duties, as well as providing leadership to nurse clinicians and other patient care personnel. Requires registered nurse with a current license to practice professional nursing in Pennsylvania, plus one to two years of effective nursing experience. Bachelor of science in nursing preferred. **STAFF NONEXEMPT, GRADE 5.**

Focus on Research

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Intercom
July 25, 1991

Spin-offs make for excellent long-term investments

Firms that have been spun-off from parent companies provide unexpectedly high returns to investors in the long run, researchers in the Smeal College of Business Administration said.

"In contrast to investments in initial public offerings, which tend to perform well at first, but quickly falter, investments in spin-offs gain strength with age," James A. Miles, professor of finance, noted.

Dr. Miles studied spin-off investments with J. Randall Woolridge, professor of finance and the Goldman Sachs and Co. and Frank P. Smeal Endowed University Fellow, and graduate student Patrick J. Cusatis. The researchers examined portfolio returns for spin-off firms up to three years after their introduction.

The study is part of a major undertaking in the Smeal College to determine the effects of divestiture by spin-off, and has attracted attention from the national business press. Early results suggest the abnormal stock market performance of spin-offs derives from a variety of factors. These include reduced corporate overhead, increased operating efficiency, enhanced ability to attract capital, and improved incentives for management.

The researchers found 750 cases from

'The average spin-off outperformed the overall market by 35 percent when the S&P 500 Index was used, and by more than 40 percent when the Nasdaq Index was used.'
— James A. Miles

1965 through 1990 in which companies distributed the common shares of another corporation to their shareholders. Publicly available common stock price data was found for 146 of the 231 cases that met the study's criteria for pure spin-offs.

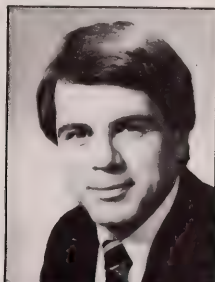
The stock distribution by the parent involved a wholly owned subsidiary.

● The spin-off met IRS conditions to be tax-exempt, which require that the parent and subsidiary have been together for at least five years and that the parent distributed at least 80 percent of the shares in the subsidiary.

● The spin-off firm had no prior trading of its common stock in the market and, thus, the distribution of shares was effectively a new issue of stock comparable to an initial public offering.



James A. Miles



J. Randall Woolridge

Overall, an average raw return in excess of 100 percent was found for spin-offs during the first three years. The figure represents a compounded mean annual return of 27 percent. The average return for the first year was 23 percent.

"To assure that these high returns were not caused by an up market, we subtracted the contemporaneous overall market return from the raw return for each of 36 months for each spin-off," Dr. Miles said. "The average spin-off outperformed the overall market by 35 percent when the S&P 500 Index was used, and by more than 40 percent when the Nasdaq Index was used."

As another test, each spin-off was matched with an existing firm of similar size in the same industry. The spin-offs outperformed their counterparts by an average of 24 percent over the entire three-year period.

Three-year compounded annual returns were essentially the same whether a monthly portfolio rebalancing or a buy-and-hold investment strategy was used. Both approaches indicate that the most favorable performance occurs between the first and second year of the investment.

"Interestingly, average returns are very near zero for the first three months

of the spin-off's life," Dr. Miles said. "This is possibly a result of selling pressure brought on by institutions whose investment objectives do not permit them to hold the spin-off shares."

More than three-fourths of the firms in the study were formed in the last 10 years, the researchers said.

"Management often attributes the need to spin-off to a bad fit between a parent and its subsidiary, regulatory pressures, or an undervaluing of the combined entity by the market," Dr. Woolridge said. "Such reasoning suggests that, over longer periods of time, operating performance of spin-off firms should improve and lead to higher levels of valuation."

That reasoning seems to be borne out by the researchers' findings of significantly positive excess returns even after adjustment for risk. Also important is that unlike returns associated with initial public offerings, the impressive performance of spin-offs is not due to initial underpricing.

"The excellent track records of investments in spin-offs help to explain their dramatic surge in popularity during the 1980s," Dr. Miles noted. "More and more corporations are considering them as a restructuring device for extracting maximum value from their assets."

— Gary W. Cramer

Spin—Off Common Stock Returns

		The Losers		Total Returns for Months		Comment
Parent	Spin-Off	Each	Date 1st Price	(1-12)	(1-36)	
American McGraw	Broadway Holdings	OTC	12-18-87	1,900	-83%	-95% Deleted
Centimark Corp.	Gaines Inds.	OTC	8-19-79	6,000	-10%	-38%
Socata Systems	S.A.V. Packaging	OTC	9-04-88	0.750	-83%	-96% Return until June, 1990
Servotronics	Munro Games	OTC	8-05-72	2,375	-51%	-88%
Boschup Medical	Hycorner, Inc.	OTC	9-18-82	8,260	8%	-52%
Described Inds.	Detritron Processing	OTC	9-10-89	9,000	-82%	-88%
CGS Corp.	Chenex Products	OTC	10-21-79	5,375	-69%	-72%
Reynolds James Financial	Sunshine	OTC	10-07-88	1,875	-52%	-80%
Microelectronics Corp.	Microelectronics Corp.	OTC	5-30-80	3,000	-58%	-75%
Feasibility Int.	GED Int'l	NYSE	2-18-81	38,750	-13%	-78%
		The Winners		Total Returns for Months		Comment
Parent	Spin-Off	Each	Date 1st Price	(1-12)	(1-36)	
King, Inc.	Kingston Communs.	OTC	7-15-78	2,500	80%	340%
Encon Corp.	Eastman Corp.	OTC	11-30-72	8,500	268%	352%
Tandem Corp.	Enclon Corp.	OTC	1-18-80	100	38%	289%
RCL Corp.	Reliance Corp.	NYSE	8-30-84	8,000	122%	477%
Univac Corp.	United Gas Pipeline	NYSE	4-10-74	7,775	27%	205%
Permatel	PERMATEL, LTD.	OTC	3-10-84	5,000	188%	141%
Kirschner Medical	Kirschner Medical	OTC	1-02-86	5,000	102%	190%
Shelbida Plaza Time	Shelbida Plaza Time	OTC	12-30-88	1,500	214%	225%
Reliance Technology Dev.	Serfontinomic	OTC	1-01-77	3,000	137%	211%
Reliance Corp.	Reliance Corp.	OTC	5-14-79	14,250	100%	222%

This chart lists the 10 best and 10 worst performers among the spun-off companies included in the study.

Annual Ag Progres Days are scheduled for Aug. 13-15

A wide range of programs from equine education to food safety to alternative agricultural practices will be featured at the 23rd annual Ag Progres Days sponsored by the College of Agriculture, Aug. 13-15.

Ag Progres Days is a fun-filled, educational event for the entire family. Lamarine F. Hood dean of the College of Agriculture, said, "Through numerous exhibits, farm machinery demonstrations and tours of Penn State's research areas, visitors will have the chance to see the important role agriculture plays in our society."

Ag Progres Days, held at the university's 1,500-acre Russell E. Larson Agricultural Research Center at Rock Springs near State College, will run from 9 a.m. to 5 p.m. on Tuesday and Thursday, Aug. 13 and 15, and from 9 a.m. to 8 p.m. on Wednesday, Aug. 14. This year's theme, "Ag Science Touches Your Life," will highlight many of the ways that agriculture directly or indirectly affects our daily lives.

Ag Progres Days is one of the largest outdoor showcases of agricultural research and technology in the East. More than 250 commercial exhibitors will show and demonstrate approximately \$20 million worth of agricultural equipment.

The event also features tours of research farms and conservation education areas; exhibits and presentations by University faculty members on topics such as sustainable agriculture, international agriculture, food safety, mushroom production and composting, nutrient management, forest management, and the conversion of forage to food and fiber

products; a working computer classroom; a museum full of antique home and farm implements; landscape, lawn, and garden advice; information on how to start a small business; and more.

New this year is an equine educational program. The program includes breed exhibitions, handling and training clinics, riding demonstrations, and horseshoeing and tack displays.

At 7 p.m. Wednesday, experts from across the nation will participate in a teleconference on the prevention and treatment of Lyme disease. The workshop will be broadcast on cable TV stations in Pennsylvania and by satellite to other states.

Bus tours to the research farms always have been a highlight of Ag Progres Days. A popular new addition three years ago—the special topics research tours—will return. Tuesday's tour will focus on ways to maximize corn and small grain production in an ecologically sound manner. On Wednesday, visitors will travel to the University Park Campus for a tour of dairy production facilities and forage pastures that are managed under an intensive rotational system. Thursday's tour will highlight the latest research on integrated vegetable production.

The special topics tours will run twice a day at 10 a.m. and 1:45 p.m. General research tours and soil and water conservation tours are scheduled throughout the day.

There also is plenty of food to eat, served by local agricultural and community service organizations.



Young visitors at Ag Progres Days

News in Brief

Bowlers wanted

Wednesday night Nighthawk Men's League would like to expand its team roster. There are openings for four-man teams as well as individual bowlers.

For more information, call Fred Weyandt, 865-3453, or Tim Benner, 863-1757.

Visiting scholars

Two scholars visiting the Eberly College of Science have completed research sabbaticals in the Department of

Statistics: Friedrich Pukelsheim, professor of statistics and holder of the Chair for Stochastics and Its Applications in the Institute of Mathematics at the University of Augsburg, Germany, and Hannu Oja, senior research associate in the Department of Applied Mathematics and Statistics at the University of Oulu, Finland.

Professor Pukelsheim, an expert in experimental design who has done extensive work on the theory of optimal design, visited the University to write a

15-chapter research monograph. Its tentative title is "Optimality Theory of Experimental Design in Linear Models."

Dr. Oja visited Penn State to study with Thomas P. Hettmansperger, professor of statistics. His research interests are in multivariate analysis, nonparametrics, and medical statistics.

Volunteers sought

The Lion Liaison Mentor Program is seeking volunteers for fall semester.

The program pairs new adult students with faculty staff or alumni for purposes of easing the transition of the adult learner back to school. This one-to-one interaction helps to strengthen their confidence in and aid adjustment

to the higher education environment.

The volunteer's responsibility would be to call or meet with a new student and get to know him/her by participating in a few activities throughout the semester.

For more information about Lion Liaison, call the Returning Adult Student Center at 863-3867.

Research subjects sought

Men and women are needed for a study at the Biomechanics Lab. The study involves isometric grip testing as well as isometric flexion and extension testing.

Participants must come in for four short sessions. If you are 25 to 45 years old, call 865-3445.

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William E. Campbell Jr., Editor
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University receives record number of alumni gifts

Penn State received a record number of gifts from alumni in 1990-91, which helped boost total contributions from all sources to \$61.4 million -- the second-highest in the University's history.

Alumni made 66,510 gifts during the year ending June 30, 1991, a 12.5 percent increase over the previous year. Their gifts totaled \$15.9 million, 29 percent more than in 1989-90.

Despite a nationwide recession and the war in the Persian Gulf -- factors which seem to have discouraged philanthropy at many other institutions nationwide -- our alumni and friends have once again shown their dedication to Penn State," President Thomas said. "We are deeply grateful."

"We're especially pleased with the response to our Annual Fund for Academic Excellence," he added. "We launched this program last year to boost participation in annual giving, and our alumni met our challenge most generously."

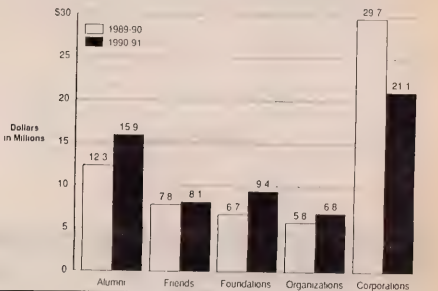
More than 54,000 alumni gave to the University in 1990-91, as compared with 46,000 the previous year. The increase in alumni participation is the largest in at least 10 years.

In other donor categories, gifts from foundations totaled \$9.4 million, a 42 percent increase from 1989-90. Individual non-alumni giving totaled \$6.1 million, up 3.9 percent. Corporate giving totaled \$21.1 million, down 29 percent from last year, and gifts from other organizations totaled \$6.8 million, a 17 percent increase from 1989-90.

"Corporate philanthropy decreased only because we had two exceptional gifts in 1989-90 that totaled \$9.1 million, noted G. David Gearhart, senior vice president for development and university relations. "If you don't include those two donations, then corporate giving actually increased in

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Giving To Penn State By Donor Category
1989-90 vs. 1990-91



Fund on schedule

The Annual Fund for Academic Excellence, launched last August to increase the proportion of alumni who give to University programs to 20 percent by 1992, is right on schedule.

"The number of donors jumped 7,200, from 47,000 in 1989-90 to 54,700 last year, and is the largest one-year increase in the University's history," Dan Saffig, director of the Office of Annual Giving, said. "We're a little ahead of schedule, and hope to meet our goal of 20 percent alumni participation by this time next year."

He credited both alumni loyalty and some significant internal program adjustments for the improvements.

"Our alumni, aware of the state's fiscal problems, are trying to make up some of the shortfall in state funds," he said. "On our end, we've increased the use and efficiency of our telephone solicitations, and the Annual Fund for Academic Excellence now coordinates all annual donor appeals. This improves efficiency and gives us the ability to speak with one clear voice."

A preliminary analysis of this year's donor profiles reveals a surprisingly high level of support from younger graduates, as more than 80 percent of the new donors were found to be people who graduated within the last 10 years.

Commencement ceremonies to be held on Aug. 16

The University will grant degrees to 2,331 graduate and undergraduate students during summer commencement ceremonies on Friday, Aug. 16.

At the University Park Campus, 1,300 will receive bachelor's degrees, 373 will receive master's degrees and 177 will receive their doctorate. About 197 from all campuses are expected to receive associate degrees.

Heleen D. Wise, deputy chief of staff for programs and secretary to the cabinet of the Commonwealth of Pennsylvania, will speak at the baccalaureate and associate degree ceremonies at 1 p.m. in Recreation Building at University Park. President Joab Thomas will confer degrees.

Commencement ceremonies for the Graduate School will be held at 4 p.m. in Eisenhower Auditorium. John A. Brighton, executive vice president and provost, will be the speaker. Charles L. Hosler, senior vice president for research and dean of the graduate school, will preside.

Because Friday is a regular work day for faculty and staff, parking for commencement ceremonies at University Park will be limited.

Family and guests for the baccalaureate and associate degree ceremonies are asked to arrive early and park in lot 44 across from Beaver Stadium. A free shuttle bus will run from the parking lot and

Recreation Hall from 11:30 a.m. to 12:50 p.m. and return visitors to their cars from 2:30 p.m. to 3:30 p.m.

Family and guests for the graduate degree ceremonies are asked to park in lots Blue Circle A and 80, which are both at the corner of Bigler and Curtin Roads.

In addition to ceremonies at University Park, 45 undergraduates will receive bachelor's and 13 will receive master's degrees at Penn State Erie. The Behrend College, and 83 will receive bachelor's and 47 will receive master's degrees at Penn State Harrisburg. These students are invited to participate in fall commencement ceremonies at their campuses.

Penn State Erie breaks ground for new library

Ground was broken Wednesday, July 24, at Penn State Erie, The Behrend College, for an \$11 million library and academic building. The ground breaking calimnates 20 years of work on the part of University officials -- and in particular retired State Rep. Bennie Dombrowski -- to secure state funding for the much-needed facility.

"This truly is a major step toward fulfilling Penn State's mission in Northwestern Pennsylvania," John M. Lilley, provost and dean said. "The new

library and academic complex will allow Penn State-Behrend's students to begin catching up with our tremendous growth and to support the essential research and scholarship of our faculty and students."

"I cannot say enough about the commitment and dedication Bennie Dombrowski has shown for this project," Dr. Lilley added. "There would be no ground breaking at this time were it not for his efforts."

Since the College began 43 years ago,

the library has existed in temporary locations from what is now the College's Memorial Room, to the Studio Theatre, to Turnbull Hall, and finally its present location in the Reed Union Building.

The new 100,000-square-foot building will be located east of the Reed Building. In addition to housing the library, the new structure will contain classrooms and office space for faculty in the Division of Humanities and Social Sciences as well as

See 'Library' on Page 3

Focus on Diversity

Mont Alto Campus hosts program for minority students

Twenty-seven seventh- and eighth- graders from Waynesboro and Chambersburg participated in the first "Summer Adventures in Learning for Minority Students" at the Penn State Mont Alto Campus during the week of July 15.

According to **Ronald Keiper**, director of academic affairs, the program designed to introduce the students to the advantages of higher education, is funded through a Penn State Equal Opportunity Program Committee grant.

"Penn State is working very hard to increase the diversity of its students and its curriculum," Dr. Keiper said. "We, as a campus, also are committed to this."

The students attended classes in human physiology, art, and history, taught, respectively, by **Bernadette Stockslafer**, instructor of biology at Mont Alto; **Tom McFarland**, part-time faculty member, and **Tina Giles**, a teacher at Chambersburg Area Middle School. They participated in an informal sports program, led by Student Programs and Services staff. **Rodd Welker** and **Diane Andrews** honed study skills in

workshops conducted by **Norene Moskalski**, director of the campus Learning Center, and Learning Center staff member **Betty Jakum**; and created and presented academic projects.

On Friday, July 19, speakers talked to the students about the importance of higher education and the role that education has played in their careers. Speakers included **Dwight Davis**, assistant professor of medicine and a member of the cardiac care team at the Hershey Medical Center, **Michael Hardy**, director of human resources at Citicorp, Hagerstown, Md.; and **Barbara Thompson**, director of Penn State's Harrisburg Area Community Recruitment Center.

"Summer Adventures in Learning for Minority Students" stresses both content and academic skill and underscores the career and life advantages of higher education," Dr. Keiper said. "We hope to turn students on to the idea of higher education while they have the opportunity to prepare for college through their high school courses."



Bernadette Stockslafer, instructor of biology at Penn State Mont Alto, center, teaches students attending the "Summer Adventures in Learning for Minority Students" program the proper method for taking blood pressure.

News in Brief

Telephone number change

Effective immediately, the telephone number for Penn State Great Valley has been changed to (215) 648-3200. The new direct inward dial number to reach people directly is now (215) 648-3 plus the previous three-digit extension number.

International students

All new international students are invited to attend a special orientation program on Monday, Aug. 12, or Friday, Aug. 10, to help them begin their academic careers at Penn State. All departments and colleges are asked to encourage their new international students to attend the orientation program, which is conducted by the Office of International Students. Call 865-6348 for details.

Nutrition and aging symposium

A special one-day symposium on "Nutrition and Aging" will be held Wednesday, Aug. 14, in Room 209 Henderson Building South at University Park.

The symposium, sponsored by the Nutrition Department and the Office of Summer Sessions, is designed to provide a multidisciplinary approach to address critical issues in the aging process and the aged.

Speakers will include Harold Standstead, School of Medicine, University of Texas; Carol Dichter, program manager of nutrition science, Campbell Soup Co.; Pennsylvania Secretary of Aging, Linda Rhodes; Gary

Fosmire, associate professor of nutrition science, and Helen Guthrie, professor of nutrition, both at Penn State; James Connor, Hershey Medical Center, and Gordon Jensen, Geisinger Hospital.

Graduate student research forum

The fourth annual Graduate Student Research Forum will be held at the College of Medicine at the Hershey Medical Center during orientation week on Thursday, Aug. 22, and Friday, Aug. 23.

A keynote address will be given at 4 p.m. Thursday in the Lecture Room by Dr. Janet Robishaw, a 1983 graduate of the College of Medicine who currently is at the Sigfried and Janet Weis Center for Research in Danville.

The Research Forum, established to provide greater opportunity for faculty and students to present their research and exchange information and ideas, provides two formats. A poster presentation will be open in the Library on Thursday, while oral presentations will be given beginning at 9 a.m. Friday in Lecture Room C.

Volunteers needed

The Center for Locomotion Studies is actively seeking diabetic men and women between the ages of 40 and 70 who may have decreased sensation in their feet and legs to participate in a research project on falls and gait.

In addition to helping research on diabetes, volunteers will have their feet and legs examined for sensitivity, strength and flexibility.

If you are interested, call Mary Becker at the Center for Locomotion Studies at 865-1972.

Catalog available

The ninth edition of the "Films and Video for Mathematics and Physical Sciences" catalog is now available from Audio-Visual Services. More than 900 programs are listed in this reference source, and each title is available for classroom use at no charge to University faculty members.

Copies of the catalog are housed in 20 Willard Building and at Special Services Building off Fox Hill Road. To receive a catalog through campus mail, call 863-3103. At a Commonwealth Campus, contact the campus instructional services specialist.

Bike tour planned

The North Central Branch of the Central Pennsylvania Chapter of the National Multiple Sclerosis Society is seeking volunteers to assist with a one-day bike tour Sept. 29 in State College.

Volunteers are needed for a number of committees, including Starting Line, Signage, Rest Stops, Lunch, Sag Vehicle (drivers), Logistics, Hazard Teams.

Interested persons should contact Teresa K. Herman, Fund raising coordinator, at the North Central Branch, 581 Jefferson Lane, Williamsport, PA 17701-5340, telephone (717) 326-3751.

Obituaries

Irvin "Bobby" Wright, 40, assistant professor of education and research association at the Center for the Study of Higher Education, died May 15.

Dr. Wright, a member of the Chippewa-Cree Tribe, Rocky Boy's Reservation, Montana, joined the University faculty in January 1990 after serving as assistant professor and director of the Center for Native American Studies at Montana State University from 1986 to 1989. In addition, he had been director of the Montana Tribal College Development Program, Center for Bilingual Multicultural Education, at Montana State University, assistant professor.

A foremost scholar on American Indian education and the history of American Indian education in the United States, he had served as a Ford Foundation Postdoctoral Fellow and a Katrin Lamon Resident Scholar at the School of American Research.

His degrees were: Ed.D. in adult and higher education from Montana State University, M.A. in American studies and Native American studies from the State University of New York at Buffalo, and B.S. in business administration from the University of San Francisco.

John A. Lieb, retired associate professor at the Penn State Fayette Campus, died June 8. He joined Fayette Campus faculty July 1, 1966, and retired June 30, 1988.

Mary A. Corman, clerk typist A, College of Agriculture, since March 15, 1976, died June 15 at the age of 49.

More obituaries on Page 3.

New child care center opens on Penn State Harrisburg campus

A child care center opened on the campus of Penn State Harrisburg Aug. 1 in response to a growing need for child care services at the College.

"The College's staff and faculty as well as our large student body of adults 25 years of age and older have a need for a child care service," Ruth Leventhal, provost and dean, said. "The new facility is a dream fulfilled for many in our Penn State Harrisburg community."

The new center, Stepping Stone at Penn State Harrisburg, is located on the east side of campus and has the capacity to hold 55 toddler/preschool children and 12 infants. Openings will be offered first to the Penn State Harrisburg community. Additional spaces will be open to Middletown/Harrisburg area residents.

The center will be operated by Stepping Stone Inc., a Department of Welfare and Education-approved child care provider which has been in operation for ten years. Leeanne Gast has been named director of the center.

The new facility provides 2,450 square feet of space internally and 4,500 square feet of fenced area outside. The center will be open 7:30 a.m. to 9:30 p.m. Monday through Thursday and until 5:30 p.m. on Fridays. Full-time and part-time rates are available and drop-in and latch key care will be provided on a space-permitting basis.

Further information about the child care center can be obtained by calling Penn State Harrisburg's Business Services Office at (717) 948-0004.



New child care center at Penn State Harrisburg

Obituaries

Albert H. Boileau Jr., retired business manager at the Penn State Osgontz Campus, died June 23 at the age of 77.

Mr. Boileau joined the University staff in 1958 as assistant to the head, Building Maintenance, at University Park and transferred to Osgontz in 1960 in the dual capacity of business manager and supervisor of maintenance.

He was closely involved with the physical development of Osgontz, including construction of three major buildings.

Mortimer A. Schultz, professor emeritus of nuclear engineering, died June 29. He was 73.

A visiting associate professor at Penn State from 1962 to 1967, he became a full-time faculty member in 1968. He retired from Penn State Dec. 31, 1980.

He taught at the University of Pittsburgh's Graduate School of Public Health and guest lectured at the Massachusetts Institute of Technology, the University of Michigan, the University of California, the U.S. Naval Academy and

the University of New South Wales in Australia.

Before joining the University faculty, Mr. Schultz, an MIT graduate, spent 22 years at the Westinghouse Electric Corp., mostly in Pittsburgh, working in various research and administrative capacities.

His professional career provided material for over 50 technical articles and papers and many patents and patent disclosures. Until his death, he worked actively as a consultant, writing and publishing on the subject of the development of super-safe reactors.

John M. Warren Jr., professor of psychology, died July 4. He was 65.

He received a bachelor's degree in psychology in 1949 from the University of Wisconsin, his master's degree in psychology from the University of Wisconsin in 1950 and a doctorate in psychology from the University of Wisconsin in 1953.

He joined the University faculty in 1960 as an associate professor of psychology. In 1963 he was appointed director of the Animal Behavior Laboratory. In 1964 he was named professor of psychology and was a visiting professor at the University of

California, Berkeley. In 1972-73 he was the visiting scientist of animal behavior at Cambridge University, England. In 1975 he was a visiting professor at the University of Hawaii.

His written works appeared in numerous publications throughout his career.

Roe S. Cochran, associate professor of forestry marketing and utilization, died July 12. He was 65.

A graduate of Michigan State University with B.S. and M.S. degrees, he joined Penn State Cooperative Extension as an assistant professor in 1965. He conducted educational forest industry programs in Cameron, Clearfield, Elk, Forest, McKean, Potter, and Warren counties.

Prior to joining extension, Professor Cochran was employed by the Armstrong Forest Company and the Ohio Reclamation Association.

He was a member of the Society of American Foresters.

Sara T. Close, administrative secretary, Office of the Provost, from Dec. 29, 1952, until her retirement Jan. 1, 1976, died June 6 at the age of 75.

Gifts

(Continued from Page 1)

1990-91. In fact, we received some 3.5 percent more corporate gifts than the previous year."

Total giving from all sources in 1989-90 amounted to a record \$62.4 million. The University raised \$55.2 million in 1988-89 and \$50.3 million in 1987-88.

"All of the funds raised during those years were in the context of the Campaign for Penn State, a formal fund-raising effort," Dr. Gearhart said. "The year ending June 30 was the first since 1984 that we were not in a University-wide campaign, which makes the fine showing we had in 1990-91 even more gratifying."

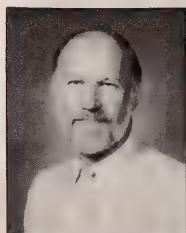
Library

(Continued from Page 1)

the College's Instructional Communication Center, which includes audio-visual services, a TV studio, and printing and copying services.

The library itself will have private study areas, a foreign language lab, two computer labs, and also will house the College's Learning Assistance Center.

25-year award recipients



Observing 25 years of service at the Applied Research Laboratory are, from left, John H. Beebe, assistant director of planning, operations and administration; Roger L. Kerlin, senior research associate; Richard D. Kowitz, supervisor, systems fabrication

and assembly; Gary R. McClintic, head, water tunnel operations; Edwin N. McGarvey, technical illustrator.

Awards

Liberal Arts Alumni Society presents awards

William M. Donovan and William Jaffe have been honored by the Liberal Arts Alumni Society.

Mr. Donovan, who received the Service to Society Award, is instructor in business administration at the Worthington Scranton Campus. Prior to joining the campus faculty in 1981, he served for 25 years with International Correspondence Schools, including six years as national advertising director.

His public and professional service activities over the past four decades include volunteer work with United Way, Chamber of Commerce, American Advertising Federation, YMCA, Family Service, Mental Health Association, and Cerebral Palsy.

The winner of the Silver Medal Award of the American Advertising Federation for contributions to the advertising professions, he served as advertising director for William W. Scranton in Mr. Scranton's successful campaign for governor of Pennsylvania in 1962.

Mr. Donovan, who attended Penn State in 1939-41, is a 1943 graduate of the University of Scranton and earned his MBA there in 1983.



William M. Donovan

Mr. Jaffe, who was involved in the establishment of the award concept for the Liberal Arts Alumni Society is a founding board member of the society. Active in the Penn State Alumni Association, he has served as a member of the Alumni Council and as president of the Cleveland Club and board member of the Washington Club.



William Jaffe

Mr. Jaffe also has served as president and board member of the Lion's Paw Alumni Association. In the recently concluded Campaign for Penn State, he was a member of the Capital Region Steering Committee and headed the Baltimore/Washington Area Campaign.

Pennsylvania College of Technology honors teaching

Three faculty members at the Pennsylvania College of Technology have received 1991 Distinguished Teaching Awards.

The highest level of College recognition for faculty, the "Master Teacher Award," was presented to Victor A. Michael Sr., associate professor of electronics. Mr. Michael joined the College faculty in 1978 as instructor of electronics. In 1983, he was promoted to associate professor.

A 1957 graduate of Bloomsburg University, with a bachelor of science degree in education, his work experience includes 19 years as a chief engineer, manager, and owner of several AM-FM radio stations, and various self-employment in electronics. He had two years of teaching experience prior to joining the Penn College faculty.

Two other College faculty members, Dennis F. Ringling, professor of forestry, and Doreen W. Shope, assistant professor of business administration, were honored with "Excellence in Teaching Awards."

Dr. Ringling joined the Penn College faculty in 1972 as an instructor of forestry. He was promoted to assistant professor in 1971, associate professor in 1981, and professor in 1987.

Dr. Ringling earned a bachelor of science degree in forest science and agricultural education and an M.Ed. in agricultural education from Penn State, and a D.Ed. in vocational education from Temple University. He has received development and leadership recognition by the Commonwealth of Pennsylvania for Exemplary Secondary Forestry Curriculum.

Ms. Shope joined the College in 1983. She holds a B.S. degree in business education and an M.Ed. in education, both from Bloomsburg University. Prior to her affiliation with Penn College, she completed 16 years of related teaching experience.

In addition to public recognition and the opportunity to work on special projects, the Distinguished Teaching honors include cash awards sponsored by the Penn College Foundation. The recipient of the Master Teacher Award receives \$1,000. The Excellence in Teaching Award honorees are each presented \$500.

Penn College names Alumnus of the Year

Thomas A. Zimmermann, assistant professor of psychology/human services at Pennsylvania College of Technology, has been named the College's 1991 Alumnus of the Year. He was cited for his exemplary contributions to the College, the community, and the nation.

A 1967 graduate of Penn College's predecessor, The Williamsport Area Community College, Mr. Zimmermann recently completed a tour of duty in Saudi Arabia, as the psychologist with

the 15th Fleet Hospital. He is a commander with the Williamsport Naval Reserve Center.

As a full-time College faculty member since 1984, he has contributed to program development, curriculum development, student recruitment and advising. Mr. Zimmermann has chaired the College Governance Student Affairs Committee, served as adviser to the Human Service Club, and adviser to the Peer Information and Referral Center.

After receiving an associate degree

from the College, he earned a bachelor's degree in psychology from Lycoming College, and a master's degree in psychology from Bucknell University. He then received a commission in the U.S. Naval Reserve, and served for three years as a clinical psychologist. For 10 years, prior to his association with the College, he worked in a variety of positions at the Divine Providence Hospital Mental Health Center, in Williamsport.

Graduate assistants receive awards

Eleven University graduate students have won Graduate Assistant Awards for Outstanding Teaching. 1991 is the second year for the awards, which carry a \$500 check.

The teaching assistants were selected on effectiveness of presentation, mastery of subject matter, clear and fair student evaluations, accessibility to and rapport with students.

Howard Palmer, senior associate dean of the Graduate School, says that the awards are a mark of appreciation for the quality of teaching represented by the students.

Award winners are: Terry L.

Burnworth, Department of Architecture; Alex E. Hill, School of Music; Kathryn M. Plank, Department of English; Margo E. Slavos, Graduate Program in Art History; Tai-Chung Lau, Graduate Program in Botany; Karen C. High, Graduate Program in Chemical Engineering;

Stacey P. Lowery, Department of Chemistry; Angela R. Strzelczyk, Department of Chemistry; Rebecca S. Bigler, Department of Psychology; Susanne M. Polley, Department of Economics; Timothy J. Rupert, Department of Accounting and Management Information Systems.

Dr. Jordan receives award

President Emeritus Jordan has received the 1991 College Service Award given by the Board of Directors of Pennsylvania College of Technology.

Rep. Alvin C. Bush, chairman of the board, presented the award during Penn College's annual commencement exercises, at which Dr. Jordan was the guest speaker.

Private Giving to Penn State

Trustees approve changes for endowment funds

The Board of Trustees has approved increasing the minimum dollar amounts needed to establish faculty and student-aid endowments. The increase will take effect July 1, 1992.

In a report to the board, Quentin Wood, Trustee liaison to the National Development Council, cited three reasons for raising endowment levels:

- comments from throughout the University community that current minimum levels are not high enough to provide adequate support.
- comparisons showing that Penn State's endowment minimums are low, compared with other public research universities.
- consensus that the conclusion of The Campaign for Penn State (a six-year effort that ended June 30, 1990) presents an

appropriate time for raising endowment minimums.

The University invests the principal of an endowment and uses a part of the investment return to support the academic program or award specified by the benefactor. Generally, the amount available for use in an academic year is equal to 5 percent of the endowment's principal. Thus, a \$100,000 endowment would provide \$5,000 in spendable income, with the remainder being added to the principal as a safeguard against inflation.

The proposal to raise minimum endowments had been endorsed earlier by the National Development Council and President Thomas, who had consulted with the academic leadership of the University.

Here are the new minimum

endowment levels, followed by current levels:

— Chairs: \$1.5 million (\$1 million); professorships: \$500,000 (\$250,000); faculty fellowships: \$250,000 (\$100,000); graduate fellowships: \$100,000 (\$50,000); academic excellence scholarships: \$50,000 (\$25,000); designated scholarships: \$25,000 (\$15,000); University endowed scholarships: \$15,000 (\$10,000); endowed awards: \$10,000 (\$5,000).

The new minimums will not apply to endowments established before the increase takes effect.

The University has more than 140 chairs, professorships and faculty fellowships, and about 1,100 graduate fellowships, scholarships and similar student-aid endowments.

Du Pont gift assists agricultural researcher

The E.I. Du Pont de Nemours Co. has donated more than \$300,000 worth of computers, video equipment, microelectrodes, and specialized computer software to support the research of James L. Frazier, head of the Department of Entomology in the College of Agriculture.

Dr. Frazier is studying how bugs test plants before devouring them. His research could lead to nontoxic feeding inhibitors, or even to genetically

engineered crops that produce a flavor only a bug would hate.

"An insect knows what it likes," he said, "and it has several ways of testing a plant to see if it's safe to eat and will provide nourishment."

Using the Du Pont gift, Dr. Frazier records the patterns of nerve impulses produced by the taste cells in a single hair. These impulses are the basis for the insect's decision to feed or not to feed.

He is working with colleague Frank Hanson, an entomologist on a year's

sabbatical leave from the University of Maryland.

Before coming to Penn State last year, Dr. Frazier was a senior research scientist with Du Pont, where he worked with a team of biologists and chemists for more than seven years to develop new products for major market crops, such as cotton, corn and soybeans.

To date, Du Pont has given more than \$5 million to various University programs.

Boeing gives \$250,000 to Delaware Campus

The Penn State Delaware County Campus has received a \$250,000 gift from Boeing Helicopters to support the campus' program in composite structures manufacturing.

The grant is intended as a lead gift toward the development of an advanced Technology Center at the campus.

The center would support the workforce training needs of local

companies, including Boeing Helicopters, which for many years has been spearheading the development of new composite materials in airframe construction.

HRB Systems' gift supports professorship

HRB Systems of State College, an E-Systems company, has given \$25,000 to the College of Engineering for continued support of the HRB Systems Professorship in Signal Processing. The professorship was established in 1986 and is funded annually by HRB Systems.

"Penn State is a leading engineering institution and we are proud to solidify our partnership with the College of Engineering through this professorship," Michael Keebaugh, HRB vice president and general manager, said.

HRB Systems specializes in designing, developing, installing and supporting signals intelligence and electronic warfare systems. E-Systems, headquartered in Dallas, Texas, is a worldwide developer and producer of electronic systems and products.

The Singer Professorship has allowed the holder, Nirmal K. Bose, to implement novel research in areas of image reconstruction and initial research in neural networks area.

Dr. Bose is founder and director of the Spatial and Temporal Signal Processing Center, which was created to conduct teaching and research in signal processing and related areas of communications and control. The center has nine engineering faculty members, as well as participants from the Applied Research Laboratory.

HRB Systems is a strong supporter of the College of Engineering and has made substantial contributions to the Engineering Excellence Scholarship Fund.

Bookshelf

Richard M. Lerner, professor of child and adolescent development, and Anne C. Petersen, dean of the College of Health and Human Development, are co-editors with Jeanne Brooks-Gunn of Educational Testing Service in Princeton, N.J., of *The Encyclopedia of Adolescence*, a two-volume set of books.

Adolescence has grown into a major field of study in the last decade, the editors note in the preface. Many colleges now teach courses on adolescence, and a rapidly increasing number of medical and social programs and policies are directed at adolescents. The increased interest in adolescence has created a need for a comprehensive collection of information on the subject.

The new reference book is the first such encyclopedia on adolescence and is intended to be useful to teachers, practitioners and researchers. It spans intellectual and emotional development, health-related issues, relationship issues and problems of adolescence. It also includes historical perspectives, with entries on adolescence in such eras as Colonial America and the 19th and 20th centuries.

Drs. Petersen and Lerner and more than two dozen faculty members and graduate students at the University are among the contributors to the encyclopedia.

Coaching: A Realistic Perspective by Ralph J. Sabock, associate professor of physical education, is now in its fourth edition.

The book was first published as *The Coach* by W.B. Saunders Publishers in 1973, and the latest edition was published by Collegiate Press. An earlier edition was translated into Japanese.

Intended for coaches and for people who are preparing for careers in coaching, the book analyzes the coaching profession, qualities of a good coach, and the roles of a head coach and an assistant coach. It also covers management issues such as off-season preparation and preseason staff organization.

Unlike most books on coaching, the book includes chapters on ethical values in coaching, the recruiting process, and the coach's family.

William G. Tierney, associate professor of education and senior research associate in the Center for the Study of Higher Education, is the editor of the book *Culture and Ideology in Higher Education: Advancing a Critical Agenda*, published by Praeger Publishers.

It consists of essays that invite the reader to rethink some of the most basic assumptions of higher education. The essays demonstrate that researchers often have concentrated on issues of effectiveness and efficiency in academe, rather than issues of social justice and democracy. A number of chapters deal with how those in power insert their ideas into academe. Other chapters uncover a politics of hope and of possibility.

Appointments



Dianne L. Common



Kjell Meling



Sharon M. Symanovich



Christine L. Templeton



J. James Wager

Dianne L. Common, dean of the faculty of professional studies, Lakehead University, Thunder Bay, Ontario, has been named head of the College of Education's Department of Curriculum and Instruction.

Dr. Common began her career in 1970 as a teacher and department head in the Kelsey School Division in Manitoba. She served in teaching and government positions for several years before being named assistant professor at the University of Manitoba in 1978. After almost ten additional years of teaching at not only the University of Manitoba, but also Simon Fraser University and the University of Lethbridge, she joined Lakehead University in 1987.

Dr. Common received a bachelor of arts in 1969, a bachelor of education in 1973, and a master of education in 1974, all from the University of Manitoba. In 1979, she received a Ph.D. in educational administration and curriculum studies from the University of Ottawa.

She is past president of the Canadian Association for Curriculum Studies, founder and managing editor of the *Journal of Educational Administration and Foundations* and member of the executive board of *The Alberta Journal of Educational Research*. Professional affiliations include the World Council for Curriculum Studies, Commonwealth Council for Educational Administration, Canadian Society for Study of Higher Education and the Canadian Society for the Study of Education.

Kjell Meling, director of academic affairs at the Penn State Altoona Campus, has been named acting campus executive officer, effective Aug. 19.

Dr. Meling joined the campus staff in 1978 after serving as dean and administrative head of Chatfield College, St. Martin, Ohio, as well as associate professor of English prior to that, he taught English at the University of Cincinnati. He served as interim associate dean for undergraduate education at University Park from August to December 1980.

A graduate of New York University, he received master's and doctoral degrees in English from the State University of New York at Binghamton. His publications are on the subject of Old English manuscript runes.

At Penn State, Dr. Meling has been active in the University Faculty Senate

serving on a number of Senate committees. He is a member of the Martin Luther King Jr. Day Planning Committee and chair of the Campus Affairs and Organization Committee of the Council of Directors of Academic Affairs. He recently served on the University Council on Enrollment Policies and Planning.

Christine L. Templeton has been appointed assistant to the dean for external relations and communications in the School of Communications.

Since 1986, Ms. Templeton served as assistant to the dean and human resources coordinator. She has more than 22 years of service to Penn State, including serving in positions in the College of the Liberal Arts and Intercollege Research Programs.

Sharon M. Symanovich has been appointed assistant to the dean and human resources coordinator. She formerly served as administrative assistant at the Pennsylvania Transportation Institute. She has been at Penn State since 1973 in various positions in Intercollege Research Programs and the College of Engineering. "We have appointed Sharon Symanovich to cover the personnel and administrative management functions of the school, given that we have about 90 faculty and staff," Brian Winston, dean of the school, said.

"Chris Templeton is now able to devote all of her time to directing and nurturing alumni and external relations programs, including liaison with our media industry constituents. I'm very happy that both of these appointees bring a wealth of experience and expertise to these positions which are critical to the well-being of the school."

J. James Wager, director of Student Information Systems, Office of the University Registrar, has been appointed University Registrar. He succeeds Warren R. Hafner, who has retired with emeritus status.

As University Registrar, Mr. Wager is responsible for maintaining an academic record for each student presently or formerly enrolled at the University's 22 locations. Some of his overall responsibilities include the management of transcript processing, developing and implementing student policies and procedures, scheduling all classroom

activities and final exams, student registration, enrollment controls, graduation, student ID cards, and collecting and maintaining all student academic records data included in the ISIS data base.

A 1971 Penn State graduate with a B.S. degree in management, Mr. Wager received a Master of Public Administration degree from the University in 1976.

He joined the University staff in 1974 as assistant coordinator of administrative services in the then College of Human Development, and from 1978 to 1983 was a senior system analyst with Management Services.

He then joined the Office of the University Registrar as director of Registration and Scheduling, and served in that capacity until 1987 when he became director of Student Information Systems.

Joyce Matthews has been appointed assistant director of student programs and services at the Penn State Mont Alto Campus.

Since August 1989, Ms. Matthews has served as administrative coordinator of residence life at University Park. Previously, she was employed as supervising coordinator of residence life at University Park; admissions counselor and residence hall director at Hagerstown Business College, and admissions counselor at Thomas Nelson Community College, Hampton, Va.

Ms. Matthews earned a bachelor of arts degree in public relations from Shippensburg University and a master's degree in counselor education with student personnel emphasis at Penn State.

Rangachar Kasturi, associate professor of electrical and computer engineering, has been named acting director of the computer engineering program in the Department of Electrical and Computer Engineering.

Dr. Kasturi joined the University faculty in 1982 as an assistant professor.

Previously, he was an engineer for Bharat Electronics Ltd. and Visvesvaraya Industrial and Technological Museum, India. From 1978 to 1982 he was an instructor and research assistant at Texas Tech University.

After completing his undergraduate work at Bangalore University, India, Dr. Kasturi earned an M.S. and Ph.D. in electrical engineering from Texas Tech University.

Dr. Kasturi, a recipient of IEEE's Outstanding Advising Award and system manager for the computer engineering research lab, is a senior member of the Institute of Electrical and Electronics Engineers.

Jacquelyn L. Kline has been named the 1991 College of Engineering Administrative Fellow.

The Engineering Administrative Fellows Program is designed to provide career development opportunities for long-term engineering staff members.

Ms. Kline, secretary to the head of Aerospace Engineering, will work under the mentorship of Michael M. Renschman, associate dean for graduate studies and research. They will work together to develop an individualized work plan within the graduate studies and research office. The appointment is from July 1 through Dec. 31.

To be eligible, candidates must have had three years of continuous service in the college in a full-time clerical or staff position and have demonstrated leadership, interpersonal and management abilities.

Jennifer Lukoff has been named director of university relations at the Penn State Osgontz Campus.

A 1984 graduate of Penn State, Ms. Lukoff has been active in the alumni society and currently serves as vice president of the Osgontz Campus Alumni Society.

Ms. Lukoff had been with SP5 Technologies in Jenkintown as corporate communications editor and industrial relations representative. She also has had experience as editor and managing editor for Montgomery Newspapers in Fort Washington.

Kathy DiMuccio has been named affirmative action specialist responsible for computer systems and data coordination in the Office of Affirmative Action.

A native of State College, she is a 1974 Penn State graduate with a B.S. degree in human development and a 1982 Control Data Institute graduate in computer programming and operations.

Prior to her appointment, Ms. DiMuccio was a systems manager for Medsurge Industries Inc., in Herndon, Va.

University Park Calendar

August 8 -- August 18

Special Events

Saturday, August 10
Shavers Creek Astronomy for Amateurs 8:30-10:30 p.m. Call 863-2000

Monday, August 12
■ **International Students Orientation** through Aug. 16. Call 865-6746

Tuesday, August 13
Ag Progress Days, through August 15

Wednesday, August 14
Symposium on Nutrition and Aging 2:00
Herderson Bldg. South

Friday, August 16
Summer Session Commencement.
Undergraduate and Associate. 1 p.m. Rec Hall
Graduate School. 4 p.m., Eisenhower Aud.

Saturday, August 17
Arrival Day Fall Semester
Shavers Creek Bld Breakfast 8:10 a.m. Call 863-2000

Sunday, August 18
Shavers Creek Swampanchors 12:30 p.m.
Call 863-2000

Public Radio

WPSU-FM 91.1
All Things Considered: Monday-Friday 5-8 p.m., Saturday and Sunday 5-8 p.m.
Morning Edition: Monday-Friday 8-8 a.m.
Weekend Edition: Saturday and Sunday 11 a.m.-1 p.m.
Odyssey Through Literature: 12:40 p.m. Wednesdays, with S. Leonard Rubenstein. Perspectives: 8:30 p.m. Wednesdays, with Jeff Ballou. Creative License: 12:30 p.m. Thursdays.

Conferences

Continuing Education
Keller Building
Aug. 13-16, (Unit) Bioethics and Method Workshop: Eric Lepp, coordinator
Aug. 13-17, AFSCME Council 11 Union Leadership Institute: Richard Handle, chair
Chuck Hurd, coordinator
Aug. 14-16, Computational Methods in Stormwater Management: Cent Aron, chair
Barb Lingelstetter, coordinator
Aug. 14-16, Correspondence Analysis and Related Methods: C.R. Rao, chair
Norm Lathbury, coordinator
Aug. 14-16, Statistical Process Analysis and Applications to Image Processing: C.R. Rao, chair
Norm Lathbury, coordinator
Aug. 14-16, Statistics for Productivity: M. Jeyar Chandra, chair
Jack Sinclair, coordinator
Aug. 19-20, Specialized Training for Golf Coaches: Mary Kennedy Zierke, chair
Donna Ruckelshaus, coordinator
Aug. 20, Annual Special Education Division Inservice: Jack Sinclair, coordinator

Exhibits

Pattee Library
Lending Services Gallery:
Chris Hughes' *Retropuzzle*, through Aug. 29
Penn State Room:
BRI 100 John R. Backen and the Development of Lands: Art, history, and Penn State, through Sept. 30
Rare Books Room:
History of Rhetoric and Rhetoric Textbooks, through Aug. 15

Tips

Information Penn State
Call 863-1234, press 1 and enter the number of the message you wish to hear. Messages are listed in the front of the telephone directories. Other messages are Weather 234 Arts Line 345 University Calendar 456

■ Reflects an international perspective

Focus on the arts

Art exhibition

An exhibition of works by Beverly McIver, Lisa Brown and Bruce Fair, master of fine degree candidates in the School of Visual Arts, is on view through Saturday, Aug. 10, in Zoller Gallery at University Park.

Ms. McIver's portion of the exhibition, titled "At Peace With Me," contains oil portraits and still lifes that use thick paint and small brush strokes to describe the subtleties of color change on different shapes.

"Household Imagery" is the title of Brown's portion of the exhibition. Ms. Brown uses objects, tools and materials of the home to create symbols for the female experience in her ceramic and mixed-media work.

Mr. Fair titled his portion of the exhibition "Facing Center: A Jury of Your Peers." The series of drawings and paintings expresses a concern with the perception of Black people by a media-conditioned public.

Zoller Gallery is located on the first floor of the Visual Arts Building, across the breezeway from the entrance to the Palmer Museum of Art. Gallery hours for the summer are 10 a.m. to 4 p.m. Monday through Friday; 11 a.m. to 4:30 p.m. Saturday, and noon to 4 p.m. Sunday.

The arts on Channel 3

"Yehudi Menuhin," airing at 9 p.m. Monday, Aug. 12, on *American Masters* on WPSU-TV, is a two-part look at the celebrated violinist who has become one of the world's great ambassadors of music. Since making his debut in Paris at the age of 11, Menuhin has never been absent from the international concert stage and is still performing and conducting at 72.

The profile, filmed in the United States, Europe, and the Far East, follows Menuhin



Work by Beverly McIver in an exhibition of master of fine arts degree candidates in the School of Visual Arts is on view through Aug. 10 in Zoller Gallery.

from his own music school in Europe to his appearances with the world's great orchestras.

Distant Harmony: Pavarotti in China, airing at 9:30 p.m. Wednesday, Aug. 14, chronicles the famed tenor's tour throughout the People's Republic of China.

Set in the beautiful countryside of Provence in the 1920s and 1930s, the acclaimed French film, *Jean de Florette*, airing at 9 p.m. Friday, Aug. 9, and at 1:30 p.m. Saturday, Aug. 10, spins a tale of treachery, greed, and revenge. Gerard Depardieu, Yves Montand, Daniel Auteuil, and Emmanuelle Beart star.

Textbook exhibit

The exhibit, "History of Rhetoric and Rhetoric Textbooks," is on display in the Rare Books Room in Pattee Library at University Park through Aug. 15 to commemorate the 10th annual Penn State Conference on Rhetoric and Composition.

The exhibit features textbooks on rhetoric and speech, including an early example from 1553 of a series of Latin exercises and verses for German students. Other items in the exhibit include compilations of rhetoricians' essays, early editions of basic writers on grammar and oratory, and editions of Aristotle and Cicero.

Many of these examples have been drawn from the Leonard S. and Barbara Lock Goodman Collection of Classical Latin Texts, a gift to the University Libraries.

Pattee exhibit

Artifacts of Penn State student customs and traditions are on view through the end of August in the main lobby of Pattee Library in an exhibit created by the University Archives in the Penn State Room. Memorabilia from the 1880s to the 1950s and photographs from as early as the 1860s symbolize the evolution of class and school spirit.

Among the pins, watch fobs, fraternity keys, hats, banners, cards and sweaters are some very special items. For example, on display are "Lion Coats," which were canvas jackets worn by seniors and decorated with signatures and messages from classmates.

Architecture designs

"Wall Portraits," a retrospective exhibition of wall designs by freshmen architecture students, will be on display Aug. 19

through Aug. 28 in the Architectural Gallery, 206 Engineering Unit C at University Park.

The exhibit includes work from four basic design projects completed last year by students of Richard Alden, assistant professor of architecture. Projects involved studying and designing walls in terms of materials, the use of color, pattern and texture and door, window and gateway conceptions.

'The Gate is open'

"The Gate is Open," an exhibit by Craig Yarnell, is on display in Pattee Library West Lobby Gallery at University Park through Aug. 15.

The exhibit includes black and white photography, moirés, screen manipulations and video graphic images. "As a designer understanding communication mediums is critical, whether it be FAX, MAC or 8mm," Mr. Yarnell says.

The arts at...

Wilkes-Barre Campus

The Arts at Hayfield seventh annual summer festival arts and crafts show will be held at the Penn State Wilkes-Barre Campus in Lehman from 11 a.m. to 6 p.m. Sunday, Aug. 25. There will be many displays of crafts, art work, and stoneware. Refreshments will be available.

Scheduled live entertainment includes "Just Us" folk group; magic tricks by Pat Ward; the "Stringy Blues Band," and the one-act play "Sojourner" performed by the Germantown Theatre Guild. There will be many children's activities, including the drawing of a fence mural, face-painting and an activity center.

For more information, call Arts at Hayfield, (717) 675-2171.

Staff Vacancies

The following vacancies for positions described in staff exempt or full nonexempt have been listed with the University Employment Division for filling. The brief statements for each vacancy are illustrative. They are not complete position descriptions. **APPLY BY CALLING THE EMPLOYMENT DIVISION, 863-0304 (NETWORK LINE 433-0304).** Applications for these staff vacancies will be accepted until **August 15, DO NOT CONTACT THE AREA THAT HAS THE VACANCY.** Applications for staff vacancies are considered in accordance with Fair Employment practices (PSS 1) and in compliance with the University's Affirmative Action Compliance Program, without regard to race, color, religion, national origin, handicap or age (as provided by law), sex, or status as a disabled or Vietnam era veteran as

■ **01654, Director of Federal and State Campus, Academic Services, Office of Student Aid, University Park Campus** - Responsible to the assistant vice president for student financial aid for supervising the Pell Grant, Guaranteed Student Loan, Federal Campus Award and, State Grant Programs. Requires master's degree, or equivalent, preferably in student personnel services; counselor education, higher education, business or public administration, plus three to four years of effective and recent experience in student personnel, student aid, or other related areas and excellent interpersonal skills. **STAFF GRADE 9**

■ **01658, Research Aide, College of Agriculture, Veterinary Science, University Park Campus** - Perform routine and specialized procedures in molecular biology and bacteriologic and virologic culture, immunologic assays, gel electrophoresis and blotting, protein and nucleic acid purification. Requires bachelor's degree, or equivalent, in life sciences, preferably molecular biology or biochemistry plus up to one year of effective experience. Medical technology background preferred. **STAFF GRADE 4**

■ **01659, Applications Programmer, College of Agriculture, Laboratory for Artificial Intelligence Applications, University Park Campus** - Responsible to the LAIA Manager for the development, modification and documentation of new and existing software toolkits for artificial intelligence in the College of Agriculture. Requires bachelor's degree, or equivalent, in science or business with up to two years of effective experience in programming IBM-PC, and Macintosh in the C language. This is a fixed-term position funded until June 30, 1992. **STAFF GRADE 5**

■ **01660, Food Service Supervisor, Housing and Food Services, University Park Campus** - Responsible to the manager HUB Eatery and/or assistant manager HUB Eatery for the supervision of kitchen personnel and operating any area open for business throughout the HUB Eatery. Requires bachelor's degree or equivalent, plus over one year of up to and including two years of effective experience. **STAFF GRADE 5**

■ **01661, Technical Theatre Specialist, Theatre Architecture, Department of Theatre Arts, University Park Campus**

- Responsible to the technical supervisor, Department of Theatre Arts for providing instruction to students in proper theatre construction techniques by practical application to production requirements. Requires bachelor's degree, or equivalent, in technical theatre or related field plus up to one year of effective experience. This is a fixed-term position funded through June 30, 1992, with possibility of renewal. **STAFF GRADE 4**

■ **01662, Nurse Practitioner/Physician Assistant, Student Services, University Health Services, University Park Campus** - Responsible to the director, Clinical Services, for assessment, physical examination, health history evaluation and health counseling in the Outpatient Department. Requires graduation from an accredited school of nursing in a general medicine program with a current registered nurse and nurse practitioner license in Pennsylvania, plus one to two years of effective experience or a bachelor of science degree plus graduation from a nationally certified physician assistant program with current licensure through the Pennsylvania Board of Medical Assistance, plus one year of effective experience. This is a fixed-term position funded through June 30, 1992, with possibility of re-funding. **STAFF GRADE 6**

■ **01663, Medical Assistant, Student Services, University Health Services, University Park Campus** - Responsible to the physician in charge of women's health services providing clinical support services in the Women's Health Department. Requires high school graduation, or equivalent, completion of certification as medical assisting assistant plus one to two years of effective experience. Experience in medical setting is desirable. This is a ten month, fixed-term position. **STAFF GRADE 2**

■ **01664, Grants and Contracts Assistant, Senior Vice President for Research and Dean of the Graduate School, Institute for Policy Research in Management, University Park Campus** - Responsible to the coordinator, Research and Administrative Services, for providing support in the area of grant and contract administration. Requires associate degree, or equivalent, and three to four years of effective experience in the administration of sponsored research efforts. This is a fixed-term position funded through June 30, 1992, with possibility of renewal. **STAFF GRADE 5**

■ **01665, Promotion Associate, CE, Institute for Policy Research in Management, University Park Campus** - Responsible to the head, Promotions, for gathering information and data writing, editing, and copyediting assignments. Requires bachelor's degree or equivalent in journalism, English or related field plus six to twelve months of effective experience. An associate degree with one to two years of additional professional experiences may be substituted for degree requirement. **STAFF GRADE 4**

■ **01666, Area Representative, CE, Continuing Education, Hershey Center** - Responsible to the director of continuing education, Hershey Center for the functions of client management development, organization, operation,

and administration of Continuing Education programs and services. Requires bachelor's degree, or equivalent, plus two to three years of effective experience in business, industry or education. This is a fixed-term position through June 30, 1992. **STAFF GRADE 7**

■ **01667, Area Representative, McKeesport Campus, Continuing Education** - Responsible to the director of continuing education for providing the University function of Continuing Education in an assigned service area, with special emphasis on minority clientele. Requires bachelor's degree, or equivalent, in education, business, or a related field, plus two to three years of effective experience in continuing higher education programming and administration, marketing, budgeting and supervision, with special emphasis on working with minority clientele. **STAFF GRADE 7**

■ **01671, Police Service Officer, Behrend College** - Responsible to the police service supervisor and manager, Police and Safety Services, for the protection of life and property, preservation of peace and good order of the community. Requires associate degree, or equivalent, in academic credits, plus one to two years of effective experience. Individuals must be able to pass a medical examination and have ACT 120 Certification. Requires physical fitness and psychological tests. **STAFF GRADE 5**

■ **01672, Executive Programs Administrative Manager, The Smal College of Business Administration, Executive Programs, University Park Campus** - Responsible to the director of executive programs for the design, development, and implementation of computerized and non-computerized systems for administrative and academic purposes within Executive Programs. Requires bachelor's degree, or equivalent, plus two to three years of effective experience in developing computer systems and/or computer management. Master's degree is preferred. This is a fixed-term position funded through June 30, 1992, with good possibility of refunding. **STAFF GRADE 7**

■ **01674, Assistant Chef, Nittany Lion Inn, University Park Campus** - Responsible to the chef for assisting with the efficient operation of the kitchen and related areas. Requires associate degree, or equivalent, from a culinary school or professional training in a hotel or restaurant plus three to four years of effective experience. **STAFF GRADE 5**

■ **01675, Programmer/Analyst, Computer and Information System, Center for Academic Computing, University Park Campus** - Responsible to the assistant director of education technology services to provide programming and analysis support in the computerization of instructional software and provide support for the operation of a computer training center. Requires bachelor's degree, or equivalent, in computer science or a related field plus two to two years of effective experience in designing and programming computer based applications for instructional purposes. **A**

strong background in math and science also is desired. **STAFF GRADE 6**

■ **01676, Industrial Engineer, Vice President for Business and Operations, Management and Systems Engineering, University Park Campus** - Responsible to the director of management and systems engineering for providing consulting services to the University administrative functions. Requires bachelor's degree in industrial engineering, or equivalent, plus two to four years of effective experience. **STAFF GRADE 7**

■ **01677, Assistant Coach - Women's Field Hockey, Intercollegiate Athletics, University Park Campus** - Responsible to the head coach for performing/assisting with a variety of administrative and coaching duties. Requires bachelor's degree, or equivalent, plus up to one year of effective field hockey coaching experience. **STAFF GRADE 5**

■ **01678, Assistant Strength Training Coach - Football, Intercollegiate Athletics, University Park Campus** - Responsible for providing assistance in the management and operation of assigned strength training facility. Requires bachelor's degree, or equivalent, in health education, exercise science, physical education, sports medicine, or related field and up to one year of effective experience in strength training to include competency in the operation and maintenance of a variety of strength training equipment. Master's degree or certification from the American College of Sports Medicine highly desirable. **STAFF GRADE 5**

■ **01679, Network Analyst, Office of Budget and Resource Analysis, University Park Campus** - Responsible to the associate director for decision support systems (DSS) for installation and operation of computer network systems, training of support staff, as well as hardware and software solutions for the office. Requires bachelor's degree, or equivalent, in computer science or related field plus two to three years of effective experience working with office networks and personal computers. Good oral and written communications essential. **STAFF GRADE 7**

■ **01680, Marketing Communications Account Specialist, Continuing Education, Public Information and Publications, University Park Campus** - Responsible to the director of Public Information and Publications, for working with program faculty, conference planners, and other specialists, including marketing analysts, writers, graphic designers, photographers, printers, and mailing coordinators. Requires bachelor's degree, or equivalent, in marketing, communications, journalism, English or related field, plus up to two years of effective experience in marketing communications, advertising or related area, including project management and editorial responsibilities. Also requires excellent writing and communications skills and knowledge of graphic design and printing industries. **STAFF GRADE 6**

■ **01681, Project and Data Specialist, Pennsylvania State Data Center, Penn State Harrisburg** - Responsible to the Harrisburg Office coordinator for performing a variety of activities.

Requires bachelor's degree, or equivalent, in planning and regional planning and up to one year of effective experience. Experience in computer applications, programming languages (FORTRAN, COBOL) and statistical software packages is highly desirable. The work site will be the Main Capitol Building in downtown Harrisburg. This is a fixed-term position funded through June 30, 1992, with excellent probability of refunding. **STAFF GRADE 4**

Hershey

For the following position vacancies, apply directly to The Milton S. Hershey Medical Center. Attach resume with cover letter indicating the position, vacancy code and forward to the Department of Human Resources, Hershey, or call the Hershey bid line at (717) 531-8531 by August 15.

■ **01250, Administrative Head Nurse, Department of Nursing/Outpatient Surgical Suite** - Responsible to nursing manager, O.R. Operating Room Complex for the implementation of the operating room schedule and coordination of activities with physicians and other departments. Requires bachelor of science degree in nursing from an accredited school of nursing plus one to two years of effective experience and currently licensed to practice as a registered nurse by the Pennsylvania State Board of Nursing. **STAFF EXEMPT, GRADE 6**

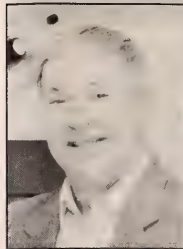
■ **01256, Nurse Manager, Department of Nursing/Operating Room** - Responsible to the assistant director, Nursing Services, O.R. Complex for evaluating, providing and improving nursing services for patients in the operating room. Requires bachelor of science degree in nursing from an accredited school of nursing plus three to four years of effective experience and currently licensed to practice as a registered nurse by the Pennsylvania State Board of Nursing. Operating Room management experience preferred. **STAFF EXEMPT, GRADE 7**

■ **01216, Clinical Nurse Specialist, Department of Pediatrics and Nursing** - Responsible to the chief, Division of Pediatric Critical Care Medicine, and assistant director, Maternal Health Nursing, for providing expertise and education in the care of critically ill children in the Pediatric Intensive and Intermediate Care Units. Requires master's degree in nursing or equivalent with licensure to practice nursing in Pennsylvania. One to two years of effective experience in pediatric critical care nursing. **STAFF EXEMPT, GRADE 7**

■ **01761, Staff Assistant, Office of the Associate Dean for Academic Affairs** - Responsible to the associate dean for academic affairs, for the performance of administrative duties with a variety of administrative duties. Requires a bachelor's degree in business, social science or related field, or the equivalent, plus one to two years of effective experience. **STAFF GRADE 5**

■ **01769, Biostatistics Specialist, Department of Safety and Security** - Responsible to the director, Safety and See 'Vacancies' on Page 9.

Partings



Edward Dreisbach



Warren R. Hafner



Robert H. Hamilton



Maryann Malasavage



Robert F. Neuhaud

Edward Dreisbach, associate professor of electrical engineering at the Penn State Wilkes-Barre Campus, has retired after 38 years of service.

He began teaching in 1953, the first year the associate degree program in electrical engineering was initiated. He was instrumental in helping find the location of the current campus in Lehman when Penn State Wilkes-Barre experienced a "boom" in enrollment and needed a larger area.

Professor Dreisbach was named Outstanding Advisor in the College of Engineering in 1986, and was chairman of the Electrical Engineering Technology program for 25 years.

He received his electrical engineering degree from Lehigh University in 1950. His plans for retirement include working as a consultant with CS & K Engineers and volunteering for Steamtown.

Warren R. Hafner has retired as University registrar emeritus after 34 years of service.

Mr. Hafner, a 1954 Penn State graduate with a B. A. degree in commerce, joined the University staff in 1957 as assistant to the registrar.

He served as assistant registrar, associate registrar, associate director of admissions,

and in 1971 was appointed director of the Division of Admissions, Records and Scheduling. He served in that capacity until 1979 when he was named University Registrar.

During his Penn State career—from 1957 to 1991—4,539,816 students were registered and there were 310,772 graduates. There were 19,265 students enrolled at all locations in Fall, 1957, compared with 70,978 in fall, 1990—a 268 percent increase.

In 1987, Mr. Hafner received the John E. Wilkinson Award for Administrative Excellence. Nominators noted that "his personal style of management emphasizes a sensitivity for the needs and feelings of the people who work with him and of those served by his office and systems."

In April, the University Faculty Senate cited Mr. Hafner's contributions to the University, noting "he has skillfully balanced a compassion for the well-being of students and the University's insistence on excellence."

Mr. Hafner, his wife, Betty, and their four children are Penn State graduates.

Robert H. Hamilton, professor of biology in the Eberly College of Science, has retired with emeritus rank after 30 years of service.

With the help of several postdoctoral

students and Ralph Mumma, Penn State distinguished professor of environmental quality, Dr. Hamilton pioneered the use of plant tissue cultures for the study of Pesticide metabolism in plants. His research resulted in over 60 publications, mainly in the area of metabolism of plant growth hormones and pesticides.

He is a member of the American Society of Plant Physiologists, the Japanese Society of Plant Physiologists, the International Association for Plant Growth Regulators, the American Institute of Biological Sciences, the Weed Society of America, the American Association for the Advancement of Science, and Sigma Xi.

Dr. Hamilton earned his bachelor's degree from the University of Illinois, master's degree from Rutgers University, and doctoral degree from Michigan State University. Prior to joining the University faculty in 1961, he was employed by the U.S. Department of Agriculture in East Lansing, Mich., and Raleigh, N.C.

He and his wife, Barbara, live in State College.

Maryann Malasavage, laboratory technician C at the Hershey Medical Center, has retired after more than 20 years of service.

When she began in October 1970, Ms. Malasavage worked the 3 to 11 p.m. shift

in the snackbar, which was eventually closed and replaced with machines. She then moved to the cafeteria.

Two years later, she took the position as a blood collector in the hospital lab and remained there until her retirement.

Currently, Ms. Malasavage is spending time with her three-month-old grandson, but says she and her husband plan to travel after his retirement.

Robert F. Neuhaud, coordinator, Office of Clinical Experiences, and affiliate associate professor of education in the College of Education, has retired after 25 years of service.

Dr. Neuhaud began his career in the College of Education in 1965 as an instructor of secondary education and supervisor of student teachers. In 1970, he was promoted to assistant professor and in 1973, to associate professor. He was appointed coordinator of the Office of Clinical Experiences in 1976.

Dr. Neuhaud's education includes study in engineering at Carnegie Mellon University, a B.S. in secondary education from Edinboro State College, an M.Ed. in counselor education from Penn State, and a D.Ed. in secondary education, also from Penn State. He taught in Corry Area Public Schools and Baldwin-Whitehall Public Schools.

Vacancies

(Continued from Page 8)

Security, for the development and implementation of a biological and laboratory safety program to ensure compliance with local, state and federal regulations. Requires bachelor's degree in biological science or equivalent, plus 2-4 years of effective experience in a laboratory environment, or master's degree in biological science, plus experience. Knowledge of laboratory safety procedures, biohazardous agents, chemical and biochemical carcinogens in relation to state and federal safety standards required. STAFF EXEMPT GRADE 6.

■17619, Data Coordinator, Medical Records—Responsible to the manager, Department of Medical Records, for developing and implementing continuing

programs for the dissemination of patient and statistical data. Requires a bachelor's degree in business administration and registered record administrator of RRA eligible and three (3) to six (6) months of effective experience or an accredited records technician with at least two years effective experience in a medical records department environment. Knowledge of the ICD Coding System as well as the ability to discern and understand coding and indexing information desirable. STAFF NONEXEMPT, GRADE 4.

■17635, Coordinator, Surgical Fees, Department of Surgery—Responsible to the director of administration/surgery, for overseeing and coordinating the professional fee billing and systems. Requires a bachelor's degree or equivalency in business plus 1-2 years of effective experience in supervisory capacity. This is a temporary double-fill position for approximately 1 year. STAFF GRADE 6.

Applications sought for associate VP

Applications and nominations are being sought for the position of associate vice president for program development in Continuing Education. The associate vice president reports directly to the vice president for continuing education and will provide senior level leadership and liaison for program development in continuing education.

The position will be responsible for the creation and coordination of a systematic program development process that includes academic colleges, campuses, and all continuing education delivery systems. The position will oversee the market research and marketing communication functions.

Candidates should have faculty rank and a strong academic record, with a demonstrated commitment to academic

service and outreach through continuing education. Experience in marketing research, program development, and marketing communications is essential.

David Mercer, director of Independent Learning, is serving as chair of the search committee. Other members include James Campbell, Joseph D'Gregorio, Madlyn Hanes, Margaret Hopli, W. LaMar Kopp, Robert Nicely, Kathleen Pavelko, Donna Ricketts, Matthew Rosenshine, Imita Ross-Gordon, Jack Royer, Wayne Smith, James Staudenmeier, James Stewart, and Kathryn Woodley.

Applications and nominations should be sent to: Search Committee for Associate Vice President for Program Development, 212 Keller, University Park, PA 16802.

Penn Staters

Leonard G. Austin, professor emeritus of fuels and mineral engineering, has received the Arthur E. Taggart Award of the Society for Mining, Metallurgy and Exploration, which recognizes papers that make a notable contribution to the science of mineral processing.

Z.T. Bieniawski, professor of mineral engineering, has been appointed to an Expert Task Group of the Strategic Highway Research Program.

Joseph H. Britton, professor emeritus of human development, has received the Distinguished Alumni Award from Albion College.

Peter R. Cavanagh, professor of locomotion studies, served as visiting professor in the Department of Medicine at the University of Manchester Medical School, Great Britain. He also presented papers at the autumn meeting of the British Diabetic Association in Newcastle and the British Orthopaedic Foot and Ankle Society in Liverpool.

Monty L. Christiansen, associate professor of recreation and parks, discussed vandalism perceptions and control strategies in the United States at an international conference on vandalism reduction in Glasgow, Scotland.

Carol A. Dwyer, affiliate assistant professor of education and instructional designer in the Computer Based Education Lab, presented a paper, "Exemplary Computer Based Software for the Macintosh," at the International Council for Educational Media, Berlin, Germany.

George W. Franz, assistant professor of history at the Penn State Delaware County Campus, has been appointed by Gov. Robert P. Casey as a member of the Brandywine Battlefield Park Commission.

Geoffrey Godbey, professor of leisure studies, has received the Jay B. Nash Scholar Award from the American Alliance of Leisure and Recreation for outstanding career achievement in recreation and leisure studies.

David J. Green, professor of ceramic science and engineering in the Department of Materials Science and Engineering, has been elected a Fellow of the American Ceramic Society.

William A. Hartman, associate professor of education, has received the 1991 Distinguished Service Award from the American Education Finance Association for "distinguished leadership and devoted service on the board of directors of the American Education Finance Association."

Kenneth Kuo, distinguished alumni professor of mechanical engineering, **Fan-Bill Cheung**, professor of mechanical engineering, and **Wen-Hsin Hsieh**, assistant professor of mechanical engineering, have been awarded the first of a two-year, \$154,606 NASA Marshall Space Flight Center contract. The NASA funded, Penn State Propulsion Engineering Research Center has awarded matching funds of \$77,304 to the research project.

Archie J. McDonnell, professor of civil engineering and director of the Environmental Resources Research Institute, has received the Karl M. Mason Medal from the Pennsylvania Association of Environmental Professionals for outstanding achievement in environmental management in Pennsylvania.

Robert E. Newnham, Alcoa professor of solid state science, has received the Centennial Award of the Ceramic Society of Japan for outstanding contributions to the international relationship between Japan and the United States.

Robert F. Nicely Jr., professor and associate dean for continuing and commonwealth education and outreach programs, has received a special award from the Pennsylvania Association for Supervision and Curriculum Development "for leadership at the Pennsylvania and national association levels."

Timothy C. Ovaert, assistant professor of mechanical engineering at Penn State, is the recipient of a \$5,000 National Science Foundation award which funds "Research Experience for Undergraduates," a program focusing on in-vitro friction and wear testing polymer composites.

R.V. Ramani, head of the Department of Mineral Engineering, has received the 1991 Howard N. Eavenson Award of the Society for Mining, Metallurgy and Exploration (SME) for his "distinguished contributions to the advancement of coal mining through research, innovation, and engineering education."

Asok Ray, professor of mechanical engineering, and **Marc Carpino**, assistant professor of mechanical engineering, have received a one-year, \$99,950 NASA Lewis Research Center grant for their research on extending the life of the space shuttle main engine by reducing the probability of fatigue damage through appropriate control actions.

Kanaga Sahadevan, radiation services technician, has received the American Nuclear Society's Best Technical Presentation in Reactor Operations and Control award.

P. Peter Rebane, associate professor of history at the Penn State Ogonitz Campus, has been appointed by Pennsylvania Governor Robert P. Casey to the Pennsylvania Heritage Affairs Commission which works with state and local government, non-profit organizations and professional associations, and the public-at-large to identify, conserve, and promote awareness of the varied cultural traditions that enrich the Commonwealth.

Andrew Scanlon, professor of civil engineering, has received the Canadian Society of Civil Engineering's P.L. Pringle award for his paper titled "Interpretation and Application of Core Test Data in Strength Evaluation of Existing Concrete Bridge Structures."

Donald A. Streitz, assistant professor of mechanical engineering at Penn State, has received a three-year, Whitaker Foundation grant of \$180,000. The focus of "Variable Gravity Systems for Locomotion Rehabilitation of the Elderly" is the development of a gait support system to promote the use of lower body muscles during rehabilitation and other situations.

Alfred Traverse, professor of palyngology in the Department of Geosciences, has been named recipient of the Paleobotanical Society International Medal for 1990-91 in recognition of his "outstanding contributions to paleobotany and palyngology."

Inyong Ham, FANUC professor of industrial engineering and director of the Manufacturing Research Center, served as the Russell Severance Springer Visiting Professor in the Department of Mechanical Engineering at the University of California, Berkeley.

Sabih Hayek, professor of engineering mechanics, and **Kon-Weil Wang**, assistant professor of mechanical engineering, have received a grant of \$25,000 from the General Motors Corporation to fund research on the noise and vibration of automobile engine drive chains.

Edward H. Klevans, professor and head of nuclear engineering, has been elected for a three-year term to the Executive Committee of the Education and Training Division of the American Nuclear Society.

James F. Campbell, regional director of Continuing Education at the Wilkes-Barre Campus, has been appointed to the National University Continuing Education Association's.

Chet Gnatt, director of Continuing Education Public Information and Publications, has been elected to serve a one-year term as chair of the National University Continuing Education Association's.

Gary W. Gallagher, professor and head of the Department of History, is this year's winner of the Founders Award, given by the Museum of the Confederacy for his book, *Fighting for the Confederacy: The Personal Recollections of General Edward Porter Alexander*. The biennial award recognizes outstanding scholarship and honors editing of primary sources.

Anne C. Petersen, dean of the College of Health and Human Development served as the 1991 visiting scholar in the University of Minnesota's adolescent health program, an interdisciplinary program based in the Department of Pediatrics.

Victor E. Sanvido, associate professor of architectural engineering, has received the American Society of Civil Engineers 1991 Thomas Fitch Rowland Prize which recognizes a paper, "Impact of Material Management on Productivity - A Case Study."

Victor Sparrow, assistant professor of acoustics, is one of twenty scientists nationwide chosen to attend a workshop on scientific visualization at the National Center for Supercomputing Applications in Champaign, IL, this summer.

Gerhard Barsch, professor of physics, has been elected a Fellow of the American Physical Society for his "experimental and theoretical studies on linear and nonlinear elastic properties, lattice dynamics, and phase transitions of a wide range of materials of interest to physics, geophysics, and electromechanical devices."

Deborah Hamilton, conflict management specialist in the Center for Conflict Management, presented an invited talk titled "Voluntary and Required Mediation as Part of the Disciplinary Process" at the Conference on Campus Mediation Programs in Waterloo, Ontario.

J. Cordell Hatch, professor of agricultural communications on assignment in Pakistan, has received the 1991 Distinguished Professional Award from the International Association of Agricultural Communicators in Education in recognition of his career-long professional and service contributions in the U.S. and worldwide.

John Kovach, assistant professor of sociology at the Penn State Delaware County Campus, was a member of a contingent of 65 academics from major research institutions who presented lectures at the University of Havana and the Cuban Pedagogical Institute in Havana, Cuba.

Herschel W. Leibowitz, Evan Pugh professor of psychology, has received an honorary Doctor of Science degree from the State University of New York for his contributions as a distinguished vision scientist.

Focus on Research

Intercom
August 8, 1991

Researcher seeks alternative to fish oil for reducing heart disease and cancer risks

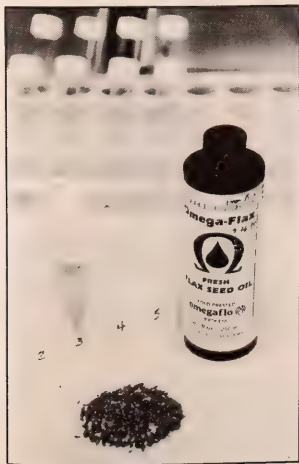
A University researcher is testing the effectiveness of flax and linseed oils to reduce the chances of getting coronary heart disease and the risks for some forms of cancer.

Yu-Yan Yeh, associate professor of nutrition in the College of Health and Human Development, said fish oil contains the Omega-3 fatty acid, which is effective in battling those two diseases. "But not everyone likes to eat fish oil or supplements."

Over the last 15 years, a number of researchers have discovered the benefits derived from fish oil and what they call "long chain Omega-3 fatty acids," Dr. Yeh said.

Research has shown that the longer chain Omega-3 is beneficial to health promotion and disease prevention. Dr. Yeh is trying to determine if vegetable oils can be substituted for fish oil.

"Vegetable oils contain shorter chain Omega-3 fatty acid which can be made into longer chain acids," he explains.



Dr. Yeh uses oil made from flax seeds in his research on oils that contain the Omega-3 fatty acid. (Photo: Greg Grieco)



Yu-Yan Yeh checks the artificial rearing system he developed for raising rats in a temperature controlled environment. (Photo: Greg Grieco)

He has determined that flax and linseed oils contain a high content of the shorter chain Omega-3 fatty acids and would be a good substitute for fish oil. He is testing flax and linseed oils on baby rats to determine if the oils will be able to increase the longer chain Omega-3 in the animal.

The three-year project is partially funded by the American Heart Association.

"I want to find a way to enrich the long chain Omega 3 in newborns, because these fatty acids are important for brain and visual development. Without enough, it has been demonstrated that the animal exhibits abnormal behavior and vision impairment," he said.

He has developed an artificial rearing system to use as a model for his study. The newborn rat babies are placed in cups that float in a temperature-controlled water bath.

"My pups-in-a-cup are fed from an infusion pump through a surgically implanted gastric tube. Their milk formulas contain different kinds and various amounts of fats.

The formula is mixed with either flax oil, linseed oil, fish oil or corn oil.

When the test rats had been on the formula for six days, he tested them and determined that the level of longer chain Omega-3 in blood, the liver and brain were enriched by the fish oil, flax oil and linseed oil, when compared with the group that was fed the formula containing corn oil.

"Clearly, the infants of mammal-like species like the rats are capable of converting the shorter chain to longer chain Omega-3. We now believe that vegetable oils such as flax and linseed oils may serve as a source of longer chain Omega-3," he said.

There is no direct evidence to suggest that a human infant cannot make the conversion.

"In humans, when their diet is absent of fish oil, but contains vegetable oil, we see a higher level of longer chain Omega-3 in brain and retina. This indicates that humans have the ability to make the longer chain Omega-3 from a shorter chain Omega-3."

Dr. Yeh is cautious and says that the benefits of Omega-3 rich vegetable oils for humans are yet to be established.

—Kimberley Yarnell

Two graduates scheduled to return as Alumni Fellows

William C. Clark and Philip J. Mercorella will return to Penn State in September as Alumni Fellows.

Mr. Clark of Mechanicsburg is president and chief executive officer of USAir Express, headquartered at the Harrisburg International Airport. Mr. Mercorella of Holland, Mich., is senior vice president for worldwide sales, marketing and distribution with Herman Miller Inc., Zeeland, Mich., a manufacturer and marketer of systems and furniture for office and health care facilities.

The two executives, graduates of The Smeal College of Business Administration will visit with students and faculty of the college Sept. 12-13 and be honored at a reception.

Mr. Clark, who earned a bachelor's degree in marketing in 1966, joined his father, the late L.W. "Roy" Clark in the airline business more than 25 years ago. Roy Clark was founder of Pennsylvania Commuter Airlines in State College in 1965. The air carrier became Allegheny Commuter in 1973 and was sold to USAir.



William C. Clark

Group in 1985.

Along with his mother, Mary Lois, and his wife, Lynn, William Clark created the



Philip J. Mercorella

L.W. "Roy" and Mary Lois Clark Faculty Teaching Fellowship in 1989 to support teaching excellence in The Smeal College.

Mr. Mercorella, who received an MBA from Penn State in 1966, was honored in 1983 with The Smeal College's Recognition and Return Award. He has served as president of Herman Miller-Canada and as president and chief executive officer of another Herman Miller company, Milcare Inc.

He is a member of the executive committee of Herman Miller Inc., vice chairman of the board for Milcare Inc., vice chairman of the board of Fairfield Inc. and director of Meridian Inc. and the Herman Miller Research Corp. He is a member of Pine Rest Foundation and director of the Pine Rest Christian Hospital.

Mr. Mercorella holds a bachelor's degree in management from St. Francis College, Brooklyn, N.Y.

The Alumni Fellow Award, presented by the Penn State Alumni Association, is administered in cooperation with the academic units. The Penn State Board of Trustees has designated the title of Alumni Fellow as permanent and lifelong.

EASY system receives national award

A new electronic approval system that will save the University \$850,000 a year by processing and tracking more than 2,000,000 forms annually has won first prize in a national competition.

Known as EASY, the system is part of Integrated Business Information System (IBIS), which was developed jointly by University staff in the Office of Computer and Information Systems and the Office of Finance and Operations.

"A major research university with 23 locations across the state generates a great deal of paperwork, with endless opportunities for duplication of effort and information," Steve A. Garban, senior vice president for finance and operations and treasurer, said.

"EASY not only significantly reduces the time involved in processing paper forms, but it also assures tighter controls on accuracy and on the approval process itself."

Edith Bender, administrative fellow in the Office of the Senior Vice President of Finance and Operations, submitted the program for the award. She and James

Wagner, vice president for business and operations, and Kenneth Babe, University controller, received the 1991 Cost Reduction Incentive Award of \$10,000 on behalf of the University at the National Association of College and University Business Officers' annual meeting in Nashville, July 22.

Penn State intends to use the award money to begin an incentive program for cost effectiveness in the University.

"Until now, Penn State's business offices relied on old data management systems, some dating back to the 1960s, and few were able to share information. Penn State is among the leaders in higher education to develop such an integrated system," Mr. Garban said.

EASY allows users to track the progress of business-related forms and to retrieve the information for later reference, analysis and reporting. Through on-line access, EASY saves labor by eliminating duplicate data entry, provides immediate electronic routing and insures the security of confidential data. It also has built-in flexibility for system changes.

Eberly College hosts Soviet students

One hundred twenty seven academically gifted high school juniors and seniors from the Soviet Union and 16 from Pennsylvania visited University Park July 7 through 31 as participants of the Penn State Youth Science Exchange, affiliated with the international group, People to People.

The program was hosted by the Eberly College of Science, the College of Engineering, and the Keller Conference Center, and is academically supported by Eberly College of Science and College of Engineering. During their three-week visit, the students attend daytime classes and laboratory sessions in the departments of Astronomy and Astrophysics, Computer Science, Physics, and Aerospace.

Engineering.

This is the second year that Penn State has been invited to participate in People to People and only the third time that Soviet students have traveled to the United States through the program. At the request of the Soviets, students from the U.S.A. were included in the program this year for the first time to increase opportunities for cultural interactions.

According to Richard Bunnell, director of continuing education in the Keller Conference Center, one of the reasons Penn State was asked to host the young scientists is because of the University's notable reputation in operating programs for high-school-aged students.

Faculty/Staff Alert

The Human Resource Development Center and Continuing Education are offering the following 3-credit courses for University employees Fall Semester 1991:

Economics 002 and Psychology 002 will meet from 12:10 to 1 p.m. Monday,

Wednesday and Friday; Management 341 will meet from 11:30 a.m. to 12:45 p.m. Tuesday and Thursday.

For information, contact the Human Resource Development Center at (614) 865-3410 or the Continuing Education Office at (814) 865-3443.

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